

[YOUR COMPANY LOGO HERE]

DEVELOPMENT & CONSULTANCY SERVICES

Functional Requirements Specification:

CUSTOMER NAME WITHHELD MOBILE WEB SITE (ADMIN)

1 Identification	
1.1 Title	Functional Requirements Specification (FRS)
2 Name of Project/Abbreviation	<i>Customer Name Withheld</i> Mobile Web Site (Admin)
3 Version	1.4
4 Security	CONFIDENTIAL
5 Prepared For	
5.1 Name	<i>Customer Name Withheld</i>
5.2 Organization	<i>Customer Name Withheld</i>
6 Prepared By	
6.1 Name	Your company contact here
6.2 Office	Information Systems
6.3 Organization	Your company name here
6.4 Address	Your company address here
7 Release Date (YYYY-MM-DD)	2003-08-06
8 Distribution Statement	Approved for customer release. Distribution is limited
9 Contents	This section comprises a detailed description of the functional requirements of the project. Each sub-section that follows in the document is assumed to be preceded by the number 9. For e.g. the actual number for Scope is 9.1

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1 SCOPE

1.1 IDENTIFICATION

The Functional Requirements Specification (FRS) focuses on WHAT the system should do, and not how it should be done. The internal workings of the system are covered in a separate design document. The FRS is used as the basis for designing the functionality of the proposed system.

This *Customer Name Withheld* Mobile Web Site (Admin) FRS draft is open to discussions and revisions. However, the final revised document will have to be approved and signed off by the customer (please see the enclosed Software Development Agreement). [\[Your company name here\]](#) will commence work on the software design and development only after receiving the FRS Sign Off sheet from *Customer Name Withheld* as this document provides a roadmap for the development of the new features and functionality of the new site.

Note:

- 1 After the *Customer Name Withheld* Mobile Web Site (Admin) FRS is approved, please sign the Software Development Agreement and fax (03 XXXX XXXX) a copy to [\[Your company name here\]](#).

1.2 SYSTEM OVERVIEW

The project is sponsored by *Customer Name Withheld*. The project will be acquired by *Customer Name Withheld* and will be used by their Administrators and Customers. The developer for this project will be [\[Your company name here\]](#), who will undertake all design and development including complete Project Management to ensure that the project is delivered on time and within budget. The system is planned for release in Japan and will be hosted in Japan.

The *Customer Name Withheld* Mobile Web Site has three main sections – Admin, User and Interface components. The User section enables the customers to search for products, view details, and order the products. All users can also view information on products and instructions for use, register with the site, and submit a request for the product catalogue. The Interface components enable the site to import/export data to and from the *Customer Name Withheld* mainframe. The goal is to convert the “all-manual” system to a semi-automatic one using the Administration system and specific Streams (data files). The management of the entire mobile site will be done using the Admin section which includes the What’s New, Brand Management, Product Management, Customer Management, Effort Code Management, Offer Management and Collection Management sections.

1.3 DOCUMENT OVERVIEW

This document describes the Admin section of the *Customer Name Withheld* Mobile Web Site. It includes the functionality that is available to the admin for managing the entire *Customer Name Withheld* Mobile Web Site.

The admin has to login to access different areas of the Admin section. The main sections comprise What’s New, Family Management, Sub-Family Management, Brand Management, Product Management, Color Management, Customer Management, Effort Code Management, Offer Management, Collection Management, Order Management and Order Settings. The What’s New section allows the admin to add/modify/delete titles and display them on the mobile site for users. The brand, collection and effort management sections provide the admin the facility to easily manage different brands, collections and efforts for *Customer Name Withheld*. The product, customer and offer data is imported from the mainframe in to the online database on a regular basis. The admin can only view the customer, product and offer data. The

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system however allows the admin to add the product name, brand, family, sub-family, image and description for each product. The admin can also assign an effort code, promotion code, collection and product to each offer code.

The *Customer Name Withheld Mobile Web Site (Admin)* is bilingual – it has English and Japanese interfaces. The screen samples included in this document are in English. The Japanese screens are an exact replica of the English interface.

1.4 DOCUMENT CONVENTIONS

Screen Sample	Graphical representation of the proposed screen functionality. It does not include branding or design.
Page Navigation	Links and buttons on the page that help the users to navigate the system
User Interface Specifications	Detailed description of the user interface elements
Data Element	Fields on screen that require user input
Type	Indicates the type of field (e.g. drop-down or text box)
Data Type	Indicates the type of data input in fields (e.g. text or numbers)
Size	Maximum characters that can be accommodated in a field
Format	Indicates any special input format for a field (e.g. YYYY for the Year drop-down)
Unit	Unit of measurement (e.g. kilograms)
Range / Enum	Includes all values displayed in the drop-downs
Initial Value	Initial value selected in a drop-down

1.5 INTENDED AUDIENCE AND READING SUGGESTIONS

The *Customer Name Withheld Mobile Web Site (Admin) FRS* is intended to be read by the business users at *Customer Name Withheld*. It explains the business logic, different sections and functionality of the *Customer Name Withheld Mobile Web Site (Admin)* in a non-technical and easy-to-understand style.

It is recommended that readers read the system and document overview before proceeding to the External Interface Requirements section. Important information has also been included in the Appendix sections (please see below) and should be perused before signing the Software Development Agreement.

Appendix A: The different terms used in the FRS have been outlined in the Glossary.

Appendix B: The Entity Relationship Diagram and Data Flow Diagram are included in this appendix.

Appendix C: This comprises the list of items still to be determined.

Appendix D: A log of the changes made to the document is maintained in this section.

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2 REFERENCED DOCUMENTS

The files that have been referenced in this *Customer Name Withheld Mobile (Admin) Functional Requirements Specification* have been listed below.

NO.	FILE NAME	DOCUMENT TITLE	DATE PREPARED	PREPARED BY
1.	<i>Customer Name Withheld Mobile Web Site Clarifications 1.0.doc</i>	Clarifications – <i>Customer Name Withheld Mobile Web Site</i>	July 15, 2003	[Your company name here]
2.	<i>Customer Name Withheld Mobile Web Site IRS 1.2.doc</i>	Interface Requirements Specification – <i>Customer Name Withheld Mobile Web Site</i>	August 6, 2003	[Your company name here]

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3 OPERATING ENVIRONMENT

3.1 HARDWARE REQUIREMENTS

To be confirmed. The details will be outlined at a later stage in the Software Transition Plan.

3.2 SOFTWARE REQUIREMENTS

3.2.1 Development Specifications

3.2.1.1 Server Side

Operating System: Windows 2003 (.NET Server)

Web Server: IIS 6.0

Database: SQL Server 2000

Language: ASP.NET

3.2.1.2 Client Side

Screen: 800 x 600 pixels

Operating Systems: Windows 98 / 2000 / XP (English and Japanese)

Browsers: Internet Explorer 5.0 / 5.5 / 6.0

3.2.2 Testing Specifications

The testing specifications are the same as the development specifications.

Note:

1. The software will not be tested on any browser (including version) or operating system that is not listed above.
2. Any problems arising on browsers/operating systems not listed above will be out of the scope of the software

3.3 COMMUNICATIONS REQUIREMENTS

The *Customer Name Withheld* Mobile Web Site (Admin) uses the protocols listed below for communication.

Web Browser: HTTP

Email: N/A

Message Formatting: S-JIS character set will be used for communication with the mainframe.

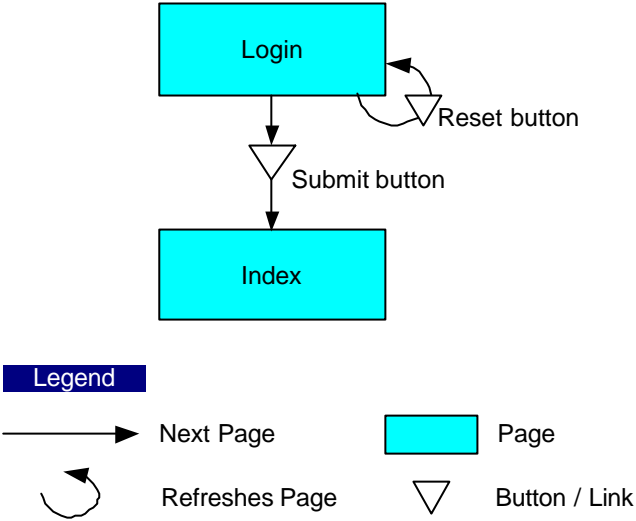
Security: N/A

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4 EXTERNAL INTERFACE REQUIREMENTS

4.1 LOGIN

4.1.1 Page Flow



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4.1.2 Login

This page allows the admin to login to the *Customer Name Withheld Mobile Web Site (Admin section)*.

4.1.2.1 Screen Sample

4.1.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Submit button	Index page
2.	Reset button	Login page
3.	日本語 link	Login page (displays the Japanese interface)

4.1.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	User Name	Text box	Text	16	-	-	-	admin
2.	Password	Text box	Text	16	-	-	-	admin123

4.1.2.4 Use Cases

4.1.2.4.1 Login

No.	Item	Description
1.	Priority	High
2.	Description	To login to the system using a User Name and Password.
3.	Trigger	When the URL for the <i>Customer Name Withheld Mobile Web Site (Admin section)</i> is opened in the

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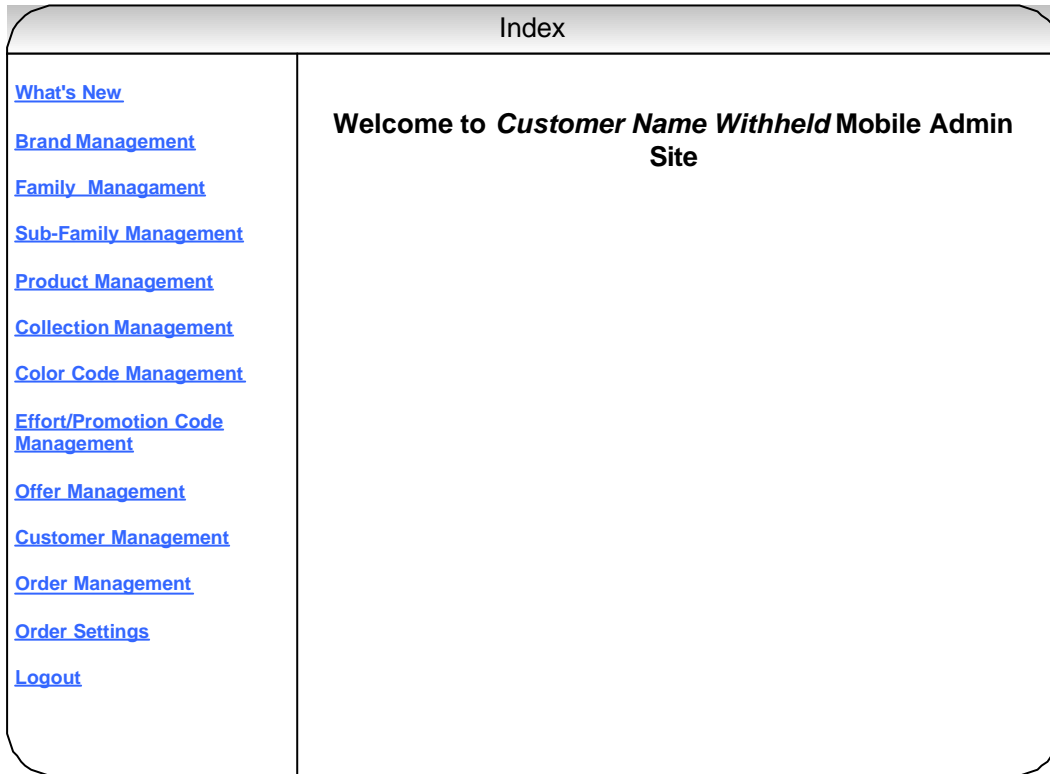
		browser.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	High	
5.2	Impact of Failure	High	
6.	Invariants	Both the server and the browser are running	
7.	Pre-Conditions	None at this time	
8.	Business Rules	None at this time	
9.	Open Issues	None at this time	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter the user name and password and click the Submit button.</p> <p>Step 4: This use case concludes when the Index page is displayed.</p>	<p>Step 2: Validate the access details.</p> <p>Step 3: Display the Index page.</p>
11.	Post-Conditions	The Index page is displayed.	
12.	Alternate Courses	Step 2: If the access details are not valid, send a notification/message requesting entry of valid access details.	

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4.1.3 Index

This page allows the admin to access different sections of the *Customer Name Withheld* Mobile Web Site (Admin section).

4.1.3.1 Screen Sample



4.1.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	What's New link	Search/List What's New page
2.	Family Management link	Search/List Families page
3.	Sub-Family Management link	Search/List Sub-Families page
4.	Brand Management link	Search/List Brands page
5.	Product Management link	Search/List Products page
6.	Collection Management link	Search/List Collections page
7.	Color Code Management link	Search/List Color Codes page
8.	Effort/Promotion Code Management link	Search/List Effort/Promotion Codes page
9.	Offer Management link	Search/List Offer Codes page
10.	Customer Management link	Search/List Customers page
11.	Order Management link	Search/List Orders page
12.	Order Settings link	Order Settings page
13.	Logout link	Login page

4.1.3.3 User Interface Specifications

N/A

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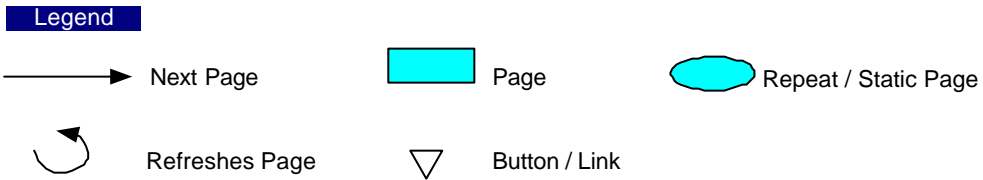
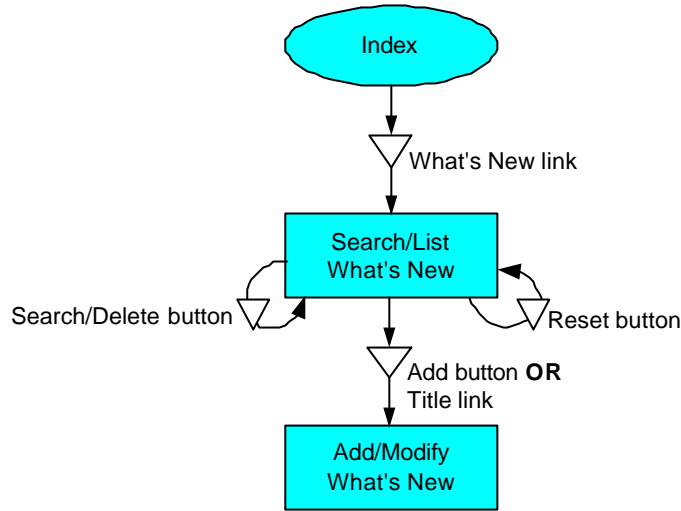
4.1.3.4 Use Cases

N/A

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4.2 WHAT'S NEW

4.2.1 Page Flow



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4.2.2 Search/List What's New

This page allows the admin to search for existing titles and delete them if required.

4.2.2.1 Screen Sample

Search/ List What's New

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<div style="border-bottom: 1px solid black; padding-bottom: 10px;"> Publication Start Date YYYY▼ MM▼ DD▼ Title <input style="width: 100px;" type="text"/> Publication End Date YYYY▼ MM▼ DD▼ </div> <div style="text-align: right; padding-right: 20px;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Add"/> </div>																				
List What's New																					
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">Delete</th> <th style="width: 30%;">Title</th> <th style="width: 20%;">Publication Start Date</th> <th style="width: 20%;">Publication End Date</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Title 1</td> <td>2003-06-15</td> <td>2003-06-30</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Title 2</td> <td>2003-06-14</td> <td>2003-06-28</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Title 3</td> <td>2003-06-30</td> <td>2003-07-09</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Title 4</td> <td>2003-07-01</td> <td>2003-07-10</td> </tr> </tbody> </table> <div style="text-align: left; margin-top: 5px;"> <input type="button" value="Delete"/> </div>		Delete	Title	Publication Start Date	Publication End Date	<input type="checkbox"/>	Title 1	2003-06-15	2003-06-30	<input type="checkbox"/>	Title 2	2003-06-14	2003-06-28	<input type="checkbox"/>	Title 3	2003-06-30	2003-07-09	<input type="checkbox"/>	Title 4	2003-07-01	2003-07-10
Delete	Title	Publication Start Date	Publication End Date																		
<input type="checkbox"/>	Title 1	2003-06-15	2003-06-30																		
<input type="checkbox"/>	Title 2	2003-06-14	2003-06-28																		
<input type="checkbox"/>	Title 3	2003-06-30	2003-07-09																		
<input type="checkbox"/>	Title 4	2003-07-01	2003-07-10																		

4.2.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List What's New page (displays the new titles matching the search criteria)
2.	Reset button	Search/List What's New page
3.	Add button	Add What's New page
4.	Title link	Modify What's New page
5.	Delete button	Search/List What's New page (deletes the selected titles from the database)
6.	Left Navigation links	Display the corresponding pages
7.	Logout link	Login page

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4.2.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Title	Text box	Text	32	-	-	-	New Products
2.	Publication Start Date							
2.1	YYYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
2.2	MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
2.3	DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25
3.	Publication End Date							
3.1	YYYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
3.2	MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
3.3	DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25
4.	Delete	Check box	True/False	-	-	-	True	Unchecked

4.2.2.4 Use Cases

4.2.2.4.1 Search/List What's New Titles

No.	Item	Description
1.	Priority	High
2.	Description	To search titles in the system and display the results of the search.
3.	Trigger	When the What's New link on the Navigation bar is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	High
5.2	Impact of Failure	High
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	None at this time.
8.	Business Rules	- Titles can be searched only by the admin. - Title field is pattern match (starting with). - End Date should not be lesser than the Start Date.
9.	Open Issues	None at this time.

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10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List What's New page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List What's New page.</p>
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List What's New page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

4.2.2.4.2 Delete What's New Titles

No.	Item	Description	
1.	Priority	High	
2.	Description	To delete titles in the system.	
3.	Trigger	When the Search button on the Search/List What's New page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	- There is at least one row in the List What's New page	
8.	Business Rules	<ul style="list-style-type: none"> - Titles can be deleted only by the admin. - Titles should be listed on the page. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the title to be deleted and click the Delete button.</p> <p>Step 4: This use case</p>	<p>Step 2: Check if at least one title is selected.</p> <p>Step 3: Refresh the page and display the remaining titles.</p>

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		concludes when page refreshes and does not display the deleted titles.	
11	Post-Conditions	The selected titles are deleted from the system.	
12	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

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4.2.3 Add/Modify What's New

This page allows the admin to add new titles or modify existing titles.

4.2.3.1 Screen Sample

Add/Modify What's New

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<p>Title <input style="width: 150px;" type="text"/></p> <p>Description <input style="width: 150px; height: 40px;" type="text"/></p> <p>Image (i-mode) <input style="width: 150px;" type="text"/> <input type="button" value="Browse"/></p> <p>Image (j-phone) <input style="width: 150px;" type="text"/> <input type="button" value="Browse"/></p> <p>Image (WAP) <input style="width: 150px;" type="text"/> <input type="button" value="Browse"/></p> <p>Publication Start Date <input style="width: 40px;" type="text" value="YYYY"/> <input style="width: 40px;" type="text" value="MM"/> <input style="width: 40px;" type="text" value="DD"/></p> <p>Publication End Date <input style="width: 40px;" type="text" value="YYYY"/> <input style="width: 40px;" type="text" value="MM"/> <input style="width: 40px;" type="text" value="DD"/></p> <p>Brand Logo <input style="width: 150px;" type="text"/></p> <p style="text-align: center;"><input type="button" value="Back"/> <input type="button" value="Save"/></p>
---	--

4.2.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List What's New page
2.	Save button	Search/List What's New page (adds the new titles to the database)
3.	Browse button	Choose File
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.2.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range / Enum	Initial Value	Example
1	Title	Text box	Text	32	-	-	-	New Products
2	Description	Text box	Text	128	-	-	-	-
3	Image (i-mode)	Text box	Text	255	-	-	-	Product Image
4	Image (j-phone)	Text box	Text	255	-	-	-	Product Image
5	Image (WAP)	Text box	Text	255	-	-	-	Product Image
6	Publication Start Date							
6.1	YYYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYY Y	2003
6.2	MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
6.3	DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25
7	Publication End Date							
7.1	YYYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYY Y	2003
7.2	MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
7.3	DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25
8	Brand Logo	Drop-down	Text	32	-	-	-	Logo

4.2.3.4 Use Cases

4.2.3.4.1 Add What's New Title

No.	Item	Description
1.	Priority	High
2.	Description	To add a title in the system.
3.	Trigger	When the Add button on the Search/List What's New page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	High
5.2	Impact of Failure	High
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Titles can only be added by the admin. - The publication start date indicates the date on which the news article is displayed on the User site. - The publication end date indicates the date on which the news article is removed from the User site. - An image has to be uploaded for the title. - Based on the brand selected by the admin in the Brand Logo drop-down, the system displays the corresponding logo on the User site. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter mandatory and valid details and click the Save button.</p> <p>Step 4: This use case concludes when the title is added to the system and the Search/List What's New page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Add the title to the system and display the Search/List What's New page.</p>
11.	Post-Conditions	The system adds the title to the database and displays the Search/List What's New page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

4.2.3.4.2 Modify What's New Title

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing title.
3.	Trigger	When the Title link on the Search/List What's New page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium
5.2	Impact of Failure	High
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	- At least one title is existing in the system
8.	Business Rules	<ul style="list-style-type: none"> - Titles can only be modified by the admin. - The publication start date indicates the date on which

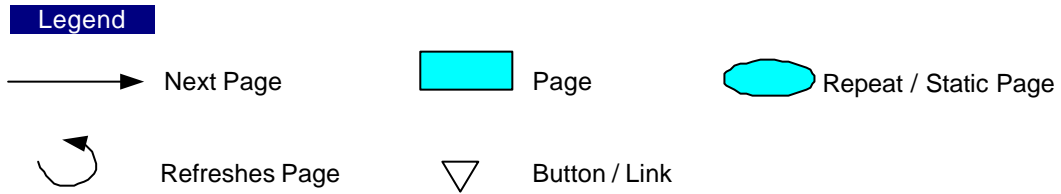
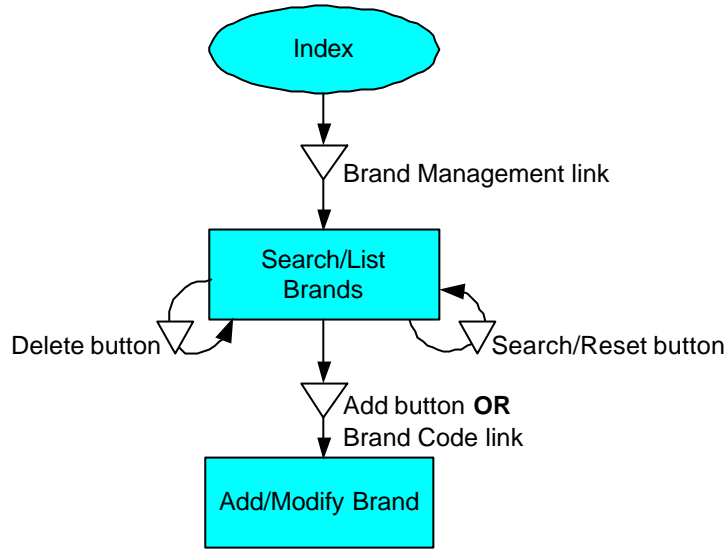
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		the news article is displayed on the User site. - The publication end date indicates the date on which the news article is removed from the User site.	
10.	Open Issues	None at this time.	
11.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the title are saved and the Search/List What's New page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the title and display the Search/List What's New page.</p>
12.	Post-Conditions	The system modifies the title and displays the Search/List What's New page.	
13.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.3 BRAND MANAGEMENT

4.3.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.3.2 Search/List Brands

This page allows you to search for existing brands and delete them if required.

4.3.2.1 Screen Sample

4.3.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Brands page (displays brands matching the search criteria)
2.	Reset button	Search/List Brands page (resets the fields to their original values)
3.	Add button	Add Brand page
4.	Brand Code link	Modify Brand page
5.	Delete button	Search/List Brands page (deletes the selected brand from the database)
6.	Left Navigation links	Display the corresponding pages
7.	Logout link	Login page

4.3.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Brand Code	Text box	Numeric	10	-	-	-	2
2.	Brand Name	Text box	Text	32	-	-	-	Name 1
3.	Delete	Check box	True/False	-	-	-	True	Unchecked

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.3.2.4 Use Cases

4.3.2.4.1 Search/List Brands

No.	Item	Description	
1.	Priority	High	
2.	Description	To search brands in the system and display the results of the search.	
3.	Trigger	When the Brand Management link on the Navigation bar is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Brands can be searched only by the admin. - Brand Code field is exact match. - Brand Name field is pattern match (starting with). 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Brands page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Brands page.</p>
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Brands page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

4.3.2.4.2 Delete Brands

No.	Item	Description
1.	Priority	High
2.	Description	To delete brands in the system.
3.	Trigger	When the Search button on the Search/List Brands page is clicked.
4.	Actors	Admin

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	<ul style="list-style-type: none"> - Brands can be deleted only by the admin. - Brands should be listed on the page. 	
8.	Business Rules	A brand cannot be deleted if there are existing products for it.	
9.	Open Issues	None at this time	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the brands to be deleted and click the Delete button.</p> <p>Step 4: This use case concludes when page refreshes and does not display the deleted brands.</p>	<p>Step 2: Check if at least one brand is selected.</p> <p>Step 3: Refresh the page and display the remaining brands.</p>
11.	Post-Conditions	The selected brands are deleted from the system.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.3.3 Add/Modify Brand

This page allows the admin to add a new brand or modify an existing brand.

4.3.3.1 Screen Sample

4.3.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Brands page
2.	Save button	Search/List Brands page (adds the brand to the database)
3.	Browse button	Choose File
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

4.3.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Brand Code	Text box	Numeric	10	-	-	-	2
2.	Brand Name	Text box	Text	32	-	-	-	Name 2
3.	Brand Logo	Text box	Text	255	-	-	-	Brand Logo

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.3.3.4 Use Cases

4.3.3.4.1 Add Brand

No.	Item	Description	
1.	Priority	High	
2.	Description	To add a brand in the system.	
3.	Trigger	When the Add button on the Search/List Brands page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	- Brands can only be added by the admin.	
9.	Open Issues	None at this time.	
11.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter mandatory and valid details and click the Save button.</p> <p>Step 4: This use case concludes when the brand is added to the system and the Search/List Brands page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Add the brand to the system and display the Search/List Brands page.</p>
12.	Post-Conditions	The system adds the brand to the database and displays the Search/List Brands page.	
13.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

4.3.3.4.2 Modify Brand

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing brand.
3.	Trigger	When the Brand Code link on the Search/List Brands page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium

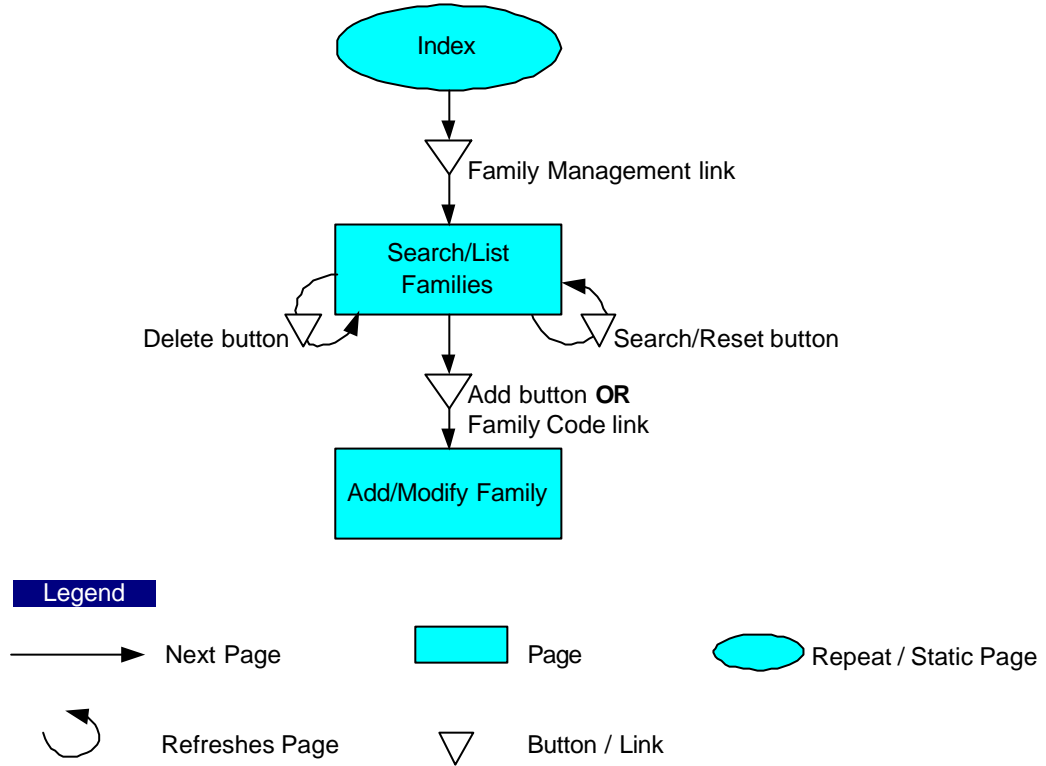
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	- At least one brand exists in the system.	
8.	Business Rules	- Brands can only be modified by the admin.	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the brand are saved and the Search/List Brands page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the brand and display the Search/List Brands page.</p>
11.	Post-Conditions	The system modifies the brand and displays the Search/List Brands page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.4 FAMILY MANAGEMENT

4.4.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.4.2 Search/List Families

This page allows you to search for existing families and delete them if required.

4.4.2.1 Screen Sample

Search/List Families

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Family Code <input style="width: 80%;" type="text"/></td> <td style="width: 50%;">Family Name <input style="width: 80%;" type="text"/></td> </tr> <tr> <td style="text-align: center;"><input type="button" value="Search"/></td> <td style="text-align: center;"><input type="button" value="Reset"/></td> </tr> <tr> <td colspan="2" style="text-align: right;"><input type="button" value="Add"/></td> </tr> </table> <div style="text-align: center; margin-top: 10px;">List Families</div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%; border-bottom: 1px solid black;">Delete</th> <th style="width: 15%; border-bottom: 1px solid black;">Family Code</th> <th style="width: 75%; border-bottom: 1px solid black;">Family Name</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">2</td> <td>Name 2</td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">3</td> <td>Name 3</td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">4</td> <td>Name 4</td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">5</td> <td>Name 5</td> </tr> </tbody> </table> <div style="text-align: center; margin-top: 5px;"><input type="button" value="Delete"/></div>	Family Code <input style="width: 80%;" type="text"/>	Family Name <input style="width: 80%;" type="text"/>	<input type="button" value="Search"/>	<input type="button" value="Reset"/>	<input type="button" value="Add"/>			Delete	Family Code	Family Name		<input type="checkbox"/>	2	Name 2		<input type="checkbox"/>	3	Name 3		<input type="checkbox"/>	4	Name 4		<input type="checkbox"/>	5	Name 5
Family Code <input style="width: 80%;" type="text"/>	Family Name <input style="width: 80%;" type="text"/>																										
<input type="button" value="Search"/>	<input type="button" value="Reset"/>																										
<input type="button" value="Add"/>																											
	Delete	Family Code	Family Name																								
	<input type="checkbox"/>	2	Name 2																								
	<input type="checkbox"/>	3	Name 3																								
	<input type="checkbox"/>	4	Name 4																								
	<input type="checkbox"/>	5	Name 5																								

4.4.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Families page (displays families matching the search criteria)
2.	Reset button	Search/List Families page (resets the fields to their original values)
3.	Add button	Add Family page
4.	Family Code link	Modify Family page
5.	Delete button	Search/List Families page (deletes the selected families from the database)
6.	Left Navigation links	Display the corresponding pages
7.	Logout link	Login page

4.4.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Family Code	Text box	Numeric	10	-	-	-	2
2.	Family Name	Text box	Text	32	-	-	-	Name 2
3.	Delete	Check box	True/False	-	-	-	True	Unchecked

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.4.2.4 Use Cases

4.4.2.4.1 Search/List Families

No.	Item	Description	
1.	Priority	High	
2.	Description	To search families in the system and display the results of the search.	
3.	Trigger	When the Family Management link on the Navigation bar is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Families can be searched only by the admin. - Family Code field is exact match. - Family Name field is pattern match (starting with). 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Families page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Families page.</p>
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Families page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

4.4.2.4.2 Delete Families

No.	Item	Description
1.	Priority	High
2.	Description	To delete families in the system.
3.	Trigger	When the Search button on the Search/List Families page is clicked.
4.	Actors	Admin

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	<ul style="list-style-type: none"> - Families can be deleted only by the admin. - Families should be listed on the page. 	
8.	Business Rules	A family cannot be deleted if there are existing products for it.	
9.	Open Issues	None at this time	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the families to be deleted and click the Delete button.</p> <p>Step 4: This use case concludes when the page refreshes and does not display the deleted families.</p>	<p>Step 2: Check if at least one family is selected.</p> <p>Step 3: Refresh the page and display the remaining families.</p>
11.	Post-Conditions	The selected families are deleted from the system.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.4.3 Add/Modify Family

This page allows the admin to add a new family or modify an existing family.

4.4.3.1 Screen Sample

4.4.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Families page
2.	Save button	Search/List Families page (adds the family to the database)
3.	Left Navigation links	Display the corresponding pages
4.	Logout link	Login page

4.4.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Family Code	Text box	Numeric	10	-	-	-	2
2.	Family Name	Text box	Text	32	-	-	-	Name 2

4.4.3.4 Use Cases

4.4.3.4.1 Add Family

No.	Item	Description
1.	Priority	High
2.	Description	To add a family in the system.
3.	Trigger	When the Add button on the Search/List Families page

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	- Families can only be added by the admin.	
9.	Open Issues	None at this time.	
11.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter mandatory and valid details and click the Save button.</p> <p>Step 4: This use case concludes when the family is added to the system and the Search/List Families page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Add the family to the system and display the Search/List Families page.</p>
12.	Post-Conditions	The system adds the family to the database and displays the Search/List Families page.	
13.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

4.4.3.4.2 Modify Family

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing family.
3.	Trigger	When the Family Code link on the Search/List Families page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium
5.2	Impact of Failure	High
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	- At least one family exists in the system.
8.	Business Rules	- Families can only be modified by the admin.
9.	Open Issues	None at this time.

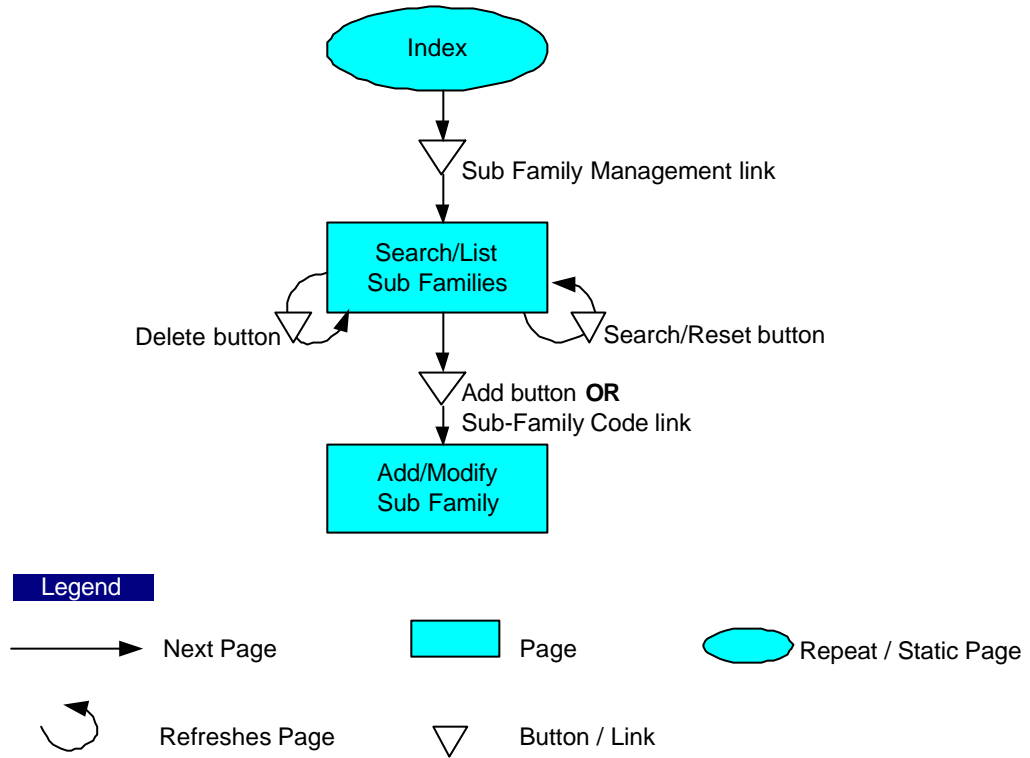
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the family are saved and the Search/List Families page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the family and display the Search/List Families page.</p>
11.	Post-Conditions	The system modifies the family and displays the Search/List Families page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.5 SUB-FAMILY MANAGEMENT

4.5.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.5.2 Search/List Sub-Families

This page allows you to search for existing sub-families and delete them if required.

4.5.2.1 Screen Sample

Search/List Sub-Families

[What's New](#)
[Brand Management](#)
[Family Management](#)
[Sub-Family Management](#)
[Product Management](#)
[Collection Management](#)
[Color Code Management](#)
[Effort/Promotion Code Management](#)
[Offer Management](#)
[Customer Management](#)
[Order Management](#)
[Order Settings](#)
[Logout](#)

Sub-Family Code

Sub-Family Name

Family Name

Name 2
Name 3
Name 4
Name 5

List Sub-Families

Delete	Sub-Family Code	Sub-Family Name	Family Name
<input type="checkbox"/>	2	SF Name 2	Name 2
<input type="checkbox"/>	3	SF Name 3	Name 2
<input type="checkbox"/>	4	SF Name 4	Name 2
<input type="checkbox"/>	5	SF Name 5	Name 2

4.5.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Sub-Families page (displays sub-families matching the search criteria)
2.	Reset button	Search/List Sub-Families page (resets the fields to their original values)
3.	Add button	Add Sub-Family page
4.	Sub-Family Code link	Modify Sub-Family page
5.	Delete button	Search/List Sub-Families page (deletes the selected sub-families from the database)
6.	Left Navigation links	Display the corresponding pages
7.	Logout link	Login page

4.5.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Sub-Family Code	Text box	Numeric	10	-	-	-	2
2.	Sub-Family Name	Text box	Text	32	-	-	-	Eye
3.	Family Name	List Box	Text	32	-	-	-	Make up

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.	Delete	Check box	True/False	-	-	-	True	Unchecked
----	--------	-----------	------------	---	---	---	------	-----------

4.5.2.4 Use Cases

4.5.2.4.1 Search/List Sub-Families

No.	Item	Description				
1.	Priority	High				
2.	Description	To search sub-families in the system and display the results of the search.				
3.	Trigger	When the Sub-Family Management link on the Navigation bar is clicked.				
4.	Actors	Admin				
5.	Risk Factors					
5.1	Frequency of Occurrence	Medium				
5.2	Impact of Failure	High				
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.				
7.	Pre-Conditions	None at this time.				
8.	Business Rules	- Sub-Families can be searched only by the admin. - Sub-Family Code field is exact match. - Sub-Family Name field is pattern match (starting with)				
9.	Open Issues	None at this time.				
10.	Successful Course of Events	<table border="1"> <thead> <tr> <th>Actor Action</th> <th>System Response</th> </tr> </thead> <tbody> <tr> <td> Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Sub-Families page. </td> <td> Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Sub-Families page. </td> </tr> </tbody> </table>	Actor Action	System Response	Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Sub-Families page.	Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Sub-Families page.
Actor Action	System Response					
Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Sub-Families page.	Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Sub-Families page.					
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Sub-Families page.				
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.				

4.5.2.4.2 Delete Sub-Families

No.	Item	Description
1.	Priority	High
2.	Description	To delete sub-families in the system.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

3.	Trigger	When the Search button on the Search/List Sub-Families page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	<ul style="list-style-type: none"> - Sub-Families can be deleted only by the admin. - Sub-Families should be listed on the page. 	
8.	Business Rules	A sub-family cannot be deleted if there are existing products for it.	
9.	Open Issues	None at this time	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the sub-families to be deleted and click the Delete button.</p> <p>Step 4: This use case concludes when the page refreshes and does not display the deleted sub-families.</p>	<p>Step 2: Check if at least one sub-family is selected.</p> <p>Step 3: Refresh the page and display the remaining sub-families.</p>
11.	Post-Conditions	The selected sub-families are deleted from the system.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.5.3 Add/Modify Sub-Family

This page allows the admin to add a new sub-family or modify an existing sub-family.

4.5.3.1 Screen Sample

4.5.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Sub-Families page
2.	Save button	Search/List Sub-Families page (adds the sub-family to the database)
3.	Left Navigation links	Display the corresponding pages
4.	Logout link	Login page

4.5.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Sub-Family Code	Text box	Numeric	10	-	-	-	2
2.	Sub-Family Name	Text box	Text	32	-	-	-	SF Name 1
3.	Family Name	Drop-down	Text	32	-	Listed in database	Select	Name 1

4.5.3.4 Use Cases

4.5.3.4.1 Add Sub-Family

No.	Item	Description
1.	Priority	High

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

2.	Description	To add a sub-family in the system.	
3.	Trigger	When the Add button on the Search/List Sub-Families page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	- Sub-Families can only be added by the admin.	
9.	Open Issues	None at this time.	
11.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter mandatory and valid details and click the Save button.</p> <p>Step 4: This use case concludes when the sub-family is added to the system and the Search/List Sub-Families page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Add the sub-family to the system and display the Search/List Sub-Families page.</p>
12.	Post-Conditions	The system adds the sub-family to the database and displays the Search/List Sub-Families page.	
13.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

4.5.3.4.2 Modify Sub-Family

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing sub-family.
3.	Trigger	When the Sub-Family Code link on the Search/List Sub-Families page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium
5.2	Impact of Failure	High
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	- At least one sub-family exists in the system.

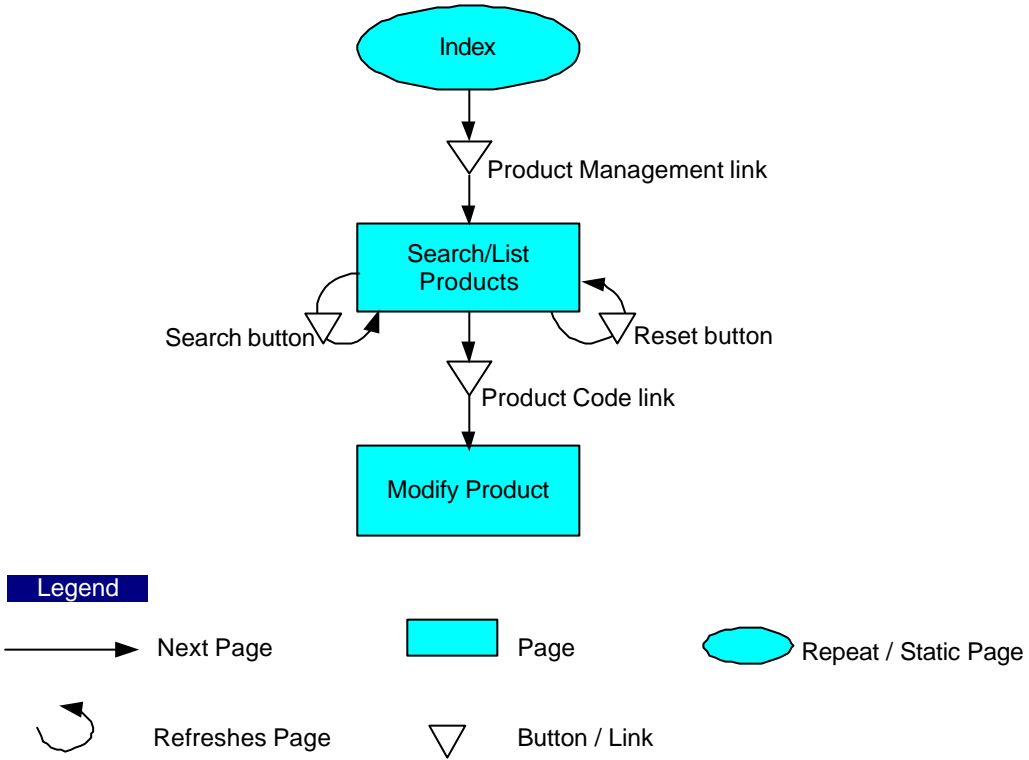
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

8.	Business Rules	- Sub-Families can only be modified by the admin.	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the sub-family are saved and the Search/List Sub-Families page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the sub-family and display the Search/List Sub-Families page.</p>
11.	Post-Conditions	The system modifies the sub-family and displays the Search/List Sub-Families page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.6 PRODUCT MANAGEMENT

4.6.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.6.2 Search/List Products

This page allows the admin to search for existing products.

4.6.2.1 Screen Sample

Search/List Products

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Brand</td> <td style="width: 33%;">Color</td> <td style="width: 33%;">Family</td> </tr> <tr> <td>Brand 1 ▲ Brand 2 Brand 3 Brand 4 ▼</td> <td>Color 1 ▲ Color 2 Color 3 Color 4 ▼</td> <td>Name 2 ▲ Name 3 Name 4 Name 5 ▼</td> </tr> <tr> <td>Product Code <input style="width: 100%;" type="text"/></td> <td>Product Name <input style="width: 100%;" type="text"/></td> <td></td> </tr> <tr> <td>Price <input style="width: 100%;" type="text"/></td> <td colspan="2" style="text-align: center;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> </td> </tr> </table> <div style="text-align: center; border-top: 1px solid black; padding-top: 5px; margin-top: 10px;">List Products</div> <table style="width: 100%; border-collapse: collapse; border-top: 1px solid black;"> <thead> <tr> <th style="text-align: left;">Product Code</th> <th style="text-align: left;">Product Name</th> <th style="text-align: left;">Brand Name</th> <th style="text-align: left;">Family Name</th> <th style="text-align: left;">Color</th> <th style="text-align: left;">Price</th> </tr> </thead> <tbody> <tr> <td>271130</td> <td>Product 1</td> <td>Brand 1</td> <td>Name 2</td> <td>Color 1</td> <td>60,000</td> </tr> <tr> <td>380527</td> <td>Product 2</td> <td>Brand 2</td> <td>Name 3</td> <td>Color 2</td> <td>60,000</td> </tr> <tr> <td>400127</td> <td>Product 3</td> <td>Brand 3</td> <td>Name 4</td> <td>Color 3</td> <td>76,000</td> </tr> <tr> <td>400242</td> <td>Product 4</td> <td>Brand 4</td> <td>Name 5</td> <td>Color 4</td> <td>89,005</td> </tr> </tbody> </table>	Brand	Color	Family	Brand 1 ▲ Brand 2 Brand 3 Brand 4 ▼	Color 1 ▲ Color 2 Color 3 Color 4 ▼	Name 2 ▲ Name 3 Name 4 Name 5 ▼	Product Code <input style="width: 100%;" type="text"/>	Product Name <input style="width: 100%;" type="text"/>		Price <input style="width: 100%;" type="text"/>	<input type="button" value="Search"/> <input type="button" value="Reset"/>		Product Code	Product Name	Brand Name	Family Name	Color	Price	271130	Product 1	Brand 1	Name 2	Color 1	60,000	380527	Product 2	Brand 2	Name 3	Color 2	60,000	400127	Product 3	Brand 3	Name 4	Color 3	76,000	400242	Product 4	Brand 4	Name 5	Color 4	89,005
Brand	Color	Family																																									
Brand 1 ▲ Brand 2 Brand 3 Brand 4 ▼	Color 1 ▲ Color 2 Color 3 Color 4 ▼	Name 2 ▲ Name 3 Name 4 Name 5 ▼																																									
Product Code <input style="width: 100%;" type="text"/>	Product Name <input style="width: 100%;" type="text"/>																																										
Price <input style="width: 100%;" type="text"/>	<input type="button" value="Search"/> <input type="button" value="Reset"/>																																										
Product Code	Product Name	Brand Name	Family Name	Color	Price																																						
271130	Product 1	Brand 1	Name 2	Color 1	60,000																																						
380527	Product 2	Brand 2	Name 3	Color 2	60,000																																						
400127	Product 3	Brand 3	Name 4	Color 3	76,000																																						
400242	Product 4	Brand 4	Name 5	Color 4	89,005																																						

4.6.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Products page (displays the products matching the search criteria)
2.	Reset button	Search/List Products page
3.	Product Code link	Modify Product page
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

4.6.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Product Code	Text box	Numeric	6	-	-	-	271130
2.	Price	Text box	Numeric	10	-	-	-	60,000
3.	Product Name	Text box	Text	25	-	-	-	Product 1
4.	Color	List box	Text	32	-	-	-	Color 1
5.	Brand	List box	Text	32	-	-	-	Brand 1
6.	Family	List box	Text	32	-	-	-	Name 2

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.6.2.4 Use Cases

4.6.2.4.1 Search/List Products

No.	Item	Description	
1.	Priority	High	
2.	Description	To search products in the system and display the results of the search.	
3.	Trigger	When the Product Management link on the Navigation bar is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	High	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Products can be searched only by the admin. - Product Name field is pattern match (starting with) - Product Code and Price fields are exact match. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	Successful Course of Events
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Products page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Products page.</p>
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Products page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.6.3 Modify Product

This page displays the product data (from the mainframe) and allows the admin to modify a few product details.

4.6.3.1 Screen Sample

Modify Product

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Product Code</td> <td>0004</td> </tr> <tr> <td>Product Name</td> <td><input type="text"/></td> </tr> <tr> <td>Color Code</td> <td>G</td> </tr> <tr> <td>Color</td> <td>Green</td> </tr> <tr> <td>Price</td> <td>86,000</td> </tr> <tr> <td>Brand Name</td> <td><input style="width: 100%;" type="text"/> ▼</td> </tr> <tr> <td>Family Name</td> <td><input style="width: 100%;" type="text"/> ▼</td> </tr> <tr> <td>Sub-Family Name</td> <td><input style="width: 100%;" type="text"/> ▼</td> </tr> <tr> <td>Available Stock</td> <td>Yes</td> </tr> <tr> <td>Image</td> <td><input style="width: 100%;" type="text"/> <input type="button" value="Browse"/></td> </tr> <tr> <td>Description</td> <td><input style="width: 100%; height: 40px;" type="text"/></td> </tr> </table> <div style="text-align: center; margin-top: 10px;"> <input type="button" value="Back"/> <input type="button" value="Save"/> </div>	Product Code	0004	Product Name	<input type="text"/>	Color Code	G	Color	Green	Price	86,000	Brand Name	<input style="width: 100%;" type="text"/> ▼	Family Name	<input style="width: 100%;" type="text"/> ▼	Sub-Family Name	<input style="width: 100%;" type="text"/> ▼	Available Stock	Yes	Image	<input style="width: 100%;" type="text"/> <input type="button" value="Browse"/>	Description	<input style="width: 100%; height: 40px;" type="text"/>
Product Code	0004																						
Product Name	<input type="text"/>																						
Color Code	G																						
Color	Green																						
Price	86,000																						
Brand Name	<input style="width: 100%;" type="text"/> ▼																						
Family Name	<input style="width: 100%;" type="text"/> ▼																						
Sub-Family Name	<input style="width: 100%;" type="text"/> ▼																						
Available Stock	Yes																						
Image	<input style="width: 100%;" type="text"/> <input type="button" value="Browse"/>																						
Description	<input style="width: 100%; height: 40px;" type="text"/>																						

4.6.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Products page
2.	Save button	Search/List Products page (updates the product details in the database)
3.	Browse button	Choose File
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.6.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Image	Text box	Text	255	-	-	-	Image
2.	Description	Text box	Text	256	-	-	-	
3.	Product Name	Text box	Text	25	-	-	-	Incredible Touch
4.	Brand Name	Drop-down	Text	32	-	List from database	Select	<i>Brand 1</i>
5.	Family Name	Drop-down	Text	32	-	List from database	Select	<i>Name 2</i>
6.	Sub-Family Name	Drop-down	Text	32	-	List from database	Select	<i>SF Name 2</i>

4.6.3.4 Use Cases

4.6.3.4.1 Modify Product

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing product.
3.	Trigger	When the Product Code link on the Search/List Products page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium
5.2	Impact of Failure	High
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	None at this time.
8.	Business Rules	- Products can only be modified by the admin. - Only the Product Name, Family Name, Brand Name, Sub-Family Name, Image and Description fields can be modified by the admin. The other fields are read-only. - The Sub-Family drop-down displays options based on the Family Name selected in the Family Name drop-down. - The Color is automatically displayed based on the Color Code. If there is no corresponding color name for the Color Code then the admin has to add that color name in the Color Management section. Till then the color name field on the Modify Product page remains blank. - If the price is blank for a product, it means that the product is a gift.

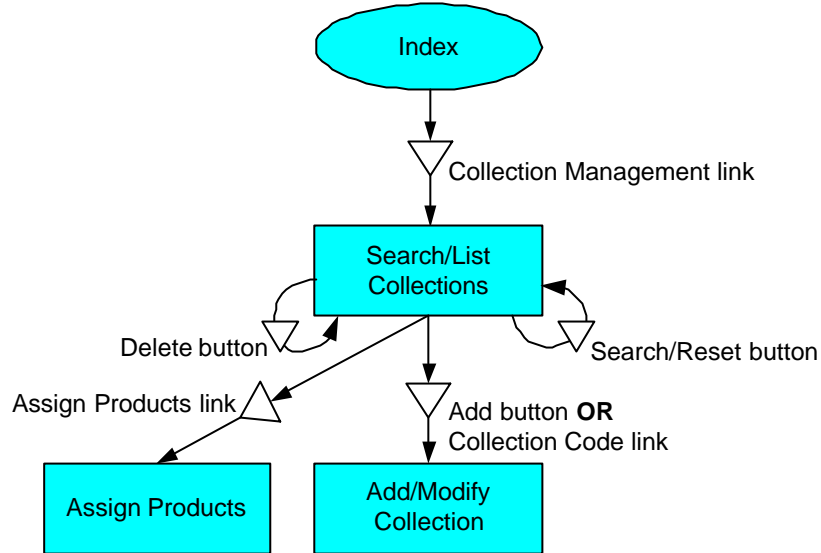
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	Successful Course of Events
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the product are saved and the Search/List Products page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the product and display the Search/List Products page.</p>
11.	Post-Conditions	The system modifies the product and displays the Search/List Products page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

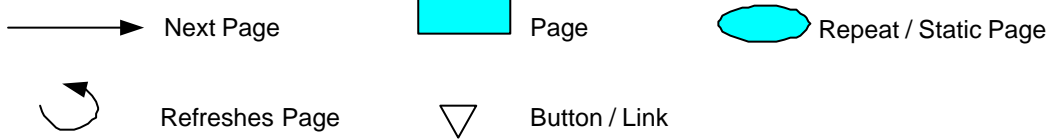
Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.7 COLLECTION MANAGEMENT

4.7.1 Page Flow



Legend



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.7.2 Search/List Collections

This page allows the admin to search for collections and delete them if required.

4.7.2.1 Screen Sample

Search/List Collections

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> Collection Code <input style="width: 100px;" type="text"/> Collection Name <input style="width: 100px;" type="text"/> <div style="text-align: right; margin-top: 5px;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Add"/> </div> </div> <div style="text-align: center; border-top: 1px solid black; padding-top: 5px; margin-top: 10px;"> List Collections </div> <table style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="border-top: 1px solid black; border-bottom: 1px solid black;"> <th style="text-align: left;">Live</th> <th style="text-align: left;">Delete</th> <th style="text-align: left;">Collection Code</th> <th style="text-align: left;">Collection Name</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: left;">01</td> <td style="text-align: left;">Collection 1</td> <td style="text-align: right;">Assign Products</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: left;">02</td> <td style="text-align: left;">Collection 2</td> <td style="text-align: right;">Assign Products</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: left;">04</td> <td style="text-align: left;">Collection 3</td> <td style="text-align: right;">Assign Products</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: left;">08</td> <td style="text-align: left;">Collection 4</td> <td style="text-align: right;">Assign Products</td> </tr> </tbody> </table> <div style="margin-top: 5px;"> <input type="button" value="Update"/> <input type="button" value="Delete"/> </div>	Live	Delete	Collection Code	Collection Name		<input type="checkbox"/>	<input type="checkbox"/>	01	Collection 1	Assign Products	<input type="checkbox"/>	<input type="checkbox"/>	02	Collection 2	Assign Products	<input type="checkbox"/>	<input type="checkbox"/>	04	Collection 3	Assign Products	<input type="checkbox"/>	<input type="checkbox"/>	08	Collection 4	Assign Products
Live	Delete	Collection Code	Collection Name																							
<input type="checkbox"/>	<input type="checkbox"/>	01	Collection 1	Assign Products																						
<input type="checkbox"/>	<input type="checkbox"/>	02	Collection 2	Assign Products																						
<input type="checkbox"/>	<input type="checkbox"/>	04	Collection 3	Assign Products																						
<input type="checkbox"/>	<input type="checkbox"/>	08	Collection 4	Assign Products																						

4.7.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Collections page (displays the collections matching the search criteria)
2.	Reset button	Search/List Collections page
3.	Add button	Add Collection page
4.	Collection Code link	Modify Collection page
5.	Delete button	Search/List Collections page (deletes the selected collections from the database)
6.	Update button	Search/List Collections page (displays the selected collections on the User site)
7.	Assign Products link	Assign Products page
8.	Left Navigation links	Display the corresponding pages
9.	Logout link	Login page

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.7.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Collection Code	Text box	Numeric	10	-	-	-	01
2.	Collection Name	Text box	Text	32	-	-	-	Collection 1
3.	Delete	Check box	True/False	-	-	-	True	Unchecked
4.	Live	Check box	True/False	-	-	-	False	Unchecked

4.7.2.4 Use Cases

4.7.2.4.1 Search/List Collections

No.	Item	Description				
1.	Priority	High				
2.	Description	To search collections in the system and display the results of the search.				
3.	Trigger	When the Collections Management link on the Navigation bar is clicked.				
4.	Actors	Admin				
5.	Risk Factors					
5.1	Frequency of Occurrence	High				
5.2	Impact of Failure	High				
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.				
7.	Pre-Conditions	None at this time.				
8.	Business Rules	- Collections can be searched only by the admin. - Collection Code field is exact match. - Collection Name field is pattern match (starting with).				
9.	Open Issues	None at this time.				
10.	Successful Course of Events	<table border="1"> <thead> <tr> <th>Actor Action</th> <th>System Response</th> </tr> </thead> <tbody> <tr> <td> Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Collections page. </td> <td> Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Collections page. </td> </tr> </tbody> </table>	Actor Action	System Response	Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Collections page.	Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Collections page.
Actor Action	System Response					
Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Collections page.	Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Collections page.					
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Collections page.				

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12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.
-----	-------------------	---

4.7.2.4.2 Delete Collections

No.	Item	Description	
1.	Priority	High	
2.	Description	To delete collections in the system.	
3.	Trigger	When the Search button on the Search/List Collections page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.	
7.	Pre-Conditions	- Collections should be listed on the page. - At least one collection should be existing in the system	
8.	Business Rules	- Collections can be deleted only by the admin. - A collection cannot be deleted if there are products assigned to it. The products will first have to be removed from the collection before it is deleted.	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		Step 1: Select the collections to be deleted and click the Delete button. Step 4: This use case concludes when page refreshes and does not display the deleted collections.	Step 2: Check if at least one collection is selected. Step 3: Refresh the page and display the remaining collections.
11.	Post-Conditions	The selected collections are deleted from the system.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

4.7.2.4.3 Make Collections Live

No.	Item	Description
1.	Priority	High
2.	Description	To make a collection live (display on the User site).
3.	Trigger	When the Search button on the Search/List Collections page is clicked.

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4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	<ul style="list-style-type: none"> - Collections should be listed on the page. - At least one collection should be existing in the system 	
8.	Business Rules	<ul style="list-style-type: none"> - Collections can be made live only by the admin. - A collection cannot be made live if there are no products assigned to it. At least one product will first have to be assigned to the collection before it is made live. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the collections to be made live and click the Update button.</p> <p>Step 4: This use case concludes when page refreshes and displays the selected collections on the User site.</p>	<p>Step 2: Check if at least one collection is selected.</p> <p>Step 3: Refresh the page.</p>
11.	Post-Conditions	The selected collections are made live on the User site.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

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4.7.3 Add/Modify Collection

This page allows the admin to add a new collection or modify an existing collection.

4.7.3.1 Screen Sample

Add/Modify Collection

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<p>Collection Code <input style="width: 150px;" type="text"/></p> <p>Collection Name <input style="width: 150px;" type="text"/></p> <p style="text-align: center;">List Assigned Products</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Unassign</th> <th style="text-align: left; border-bottom: 1px solid black;">Product Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Product 1</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Product 2</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Product 3</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Product 4</td> </tr> </tbody> </table> <p style="text-align: center;"><input type="button" value="Update"/></p> <p style="text-align: center;"><input type="button" value="Back"/> <input type="button" value="Save"/></p>	Unassign	Product Name	<input type="checkbox"/>	Product 1	<input type="checkbox"/>	Product 2	<input type="checkbox"/>	Product 3	<input type="checkbox"/>	Product 4
Unassign	Product Name										
<input type="checkbox"/>	Product 1										
<input type="checkbox"/>	Product 2										
<input type="checkbox"/>	Product 3										
<input type="checkbox"/>	Product 4										

4.7.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Collections page
2.	Save button	Search/List Collections page (updates the database)
3.	Update button	Add/Modify Collection page (removes the selected products from the collection)
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

4.7.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Collection Code	Text box	Numeric	10	-	-	-	10
2.	Collection Name	Text box	Text	32	-	-	-	Collection 2
3.	Unassigned	Check box	True/False	-	-	-	False	Unchecked

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.7.3.4 Use Cases

4.7.3.4.1 Add Collection

No.	Item	Description	
1.	Priority	High	
2.	Description	To add a collection in the system.	
3.	Trigger	When the Add button on the Search/List Collections page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Collections can only be added by the admin. - The List Assigned Products section is not applicable to this case. It appears only when modifying the collection. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter mandatory and valid details and click the Save button.</p> <p>Step 4: This use case concludes when the collection is added to the system and the Search/List Collections page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Add the collection to the system and display the Search/List Collections page.</p>
11.	Post-Conditions	The system adds the collection to the database and displays the Search/List Collections page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

4.7.3.4.2 Modify Collection

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing collection.
3.	Trigger	When the Collection Code link on the Search/List Collections page is clicked.
4.	Actors	Admin

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5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Collections can only be modified by the admin. - Products assigned to the collection are listed. The admin can unassign the products if required. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: To unassign a product check the Unassign check box and click the Update button.</p> <p>Step 7: This use case concludes when the changes made to the collection are saved and the Search/List Collections page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the collection and display the Search/List Collections page.</p> <p>Step 5: Check if at least one product is selected.</p> <p>Step 6: Refresh the page and display the remaining collections.</p>
11.	Post-Conditions	The system modifies the collection and displays the Search/List Collections page.	
12.	Alternate Courses	<p>Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.</p> <p>Step 5: If a valid selection is not made send a notification/message requesting valid selection.</p>	

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4.7.4 Assign Products

This page allows the admin to assign products to the selected collection.

4.7.4.1 Screen Sample

Assign Products

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<p>Collection Name: Collection 1</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Brand</td> <td style="width: 33%;">Color</td> <td style="width: 33%;">Family</td> </tr> <tr> <td>Brand 1 ▲ Brand 2 ▲ Brand 3 ▼ Brand 4 ▼</td> <td>Color 1 ▲ Color 2 ▲ Color 3 ▼ Color 4 ▼</td> <td>Name 2 ▲ Name 3 ▲ Name 4 ▼ Name 5 ▼</td> </tr> </table> <p>Product Code <input style="width: 100px;" type="text"/> Product Name <input style="width: 100px;" type="text"/></p> <p>Price <input style="width: 100px;" type="text"/></p> <p style="text-align: center;"><input type="button" value="Search"/> <input type="button" value="Reset"/></p> <hr/> <p style="text-align: center;">List Products</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr style="border-top: 1px solid black; border-bottom: 1px solid black;"> <th style="text-align: left;">Assign</th> <th style="text-align: left;">Product Code</th> <th style="text-align: left;">Product Name</th> <th style="text-align: left;">Brand Name</th> <th style="text-align: left;">Family Name</th> <th style="text-align: left;">Color</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>271130</td> <td>Product 1</td> <td>Brand 2</td> <td>Name 2</td> <td>Color 1</td> </tr> <tr> <td><input type="checkbox"/></td> <td>380527</td> <td>Product 2</td> <td>Brand 2</td> <td>Name 3</td> <td>Color 2</td> </tr> <tr> <td><input type="checkbox"/></td> <td>400127</td> <td>Product 3</td> <td>Brand 2</td> <td>Name 4</td> <td>Color 3</td> </tr> <tr> <td><input type="checkbox"/></td> <td>400242</td> <td>Product 4</td> <td>Brand 2</td> <td>Name 5</td> <td>Color 4</td> </tr> </tbody> </table> <p style="text-align: center;"><input type="button" value="Update"/></p>	Brand	Color	Family	Brand 1 ▲ Brand 2 ▲ Brand 3 ▼ Brand 4 ▼	Color 1 ▲ Color 2 ▲ Color 3 ▼ Color 4 ▼	Name 2 ▲ Name 3 ▲ Name 4 ▼ Name 5 ▼	Assign	Product Code	Product Name	Brand Name	Family Name	Color	<input type="checkbox"/>	271130	Product 1	Brand 2	Name 2	Color 1	<input type="checkbox"/>	380527	Product 2	Brand 2	Name 3	Color 2	<input type="checkbox"/>	400127	Product 3	Brand 2	Name 4	Color 3	<input type="checkbox"/>	400242	Product 4	Brand 2	Name 5	Color 4
Brand	Color	Family																																			
Brand 1 ▲ Brand 2 ▲ Brand 3 ▼ Brand 4 ▼	Color 1 ▲ Color 2 ▲ Color 3 ▼ Color 4 ▼	Name 2 ▲ Name 3 ▲ Name 4 ▼ Name 5 ▼																																			
Assign	Product Code	Product Name	Brand Name	Family Name	Color																																
<input type="checkbox"/>	271130	Product 1	Brand 2	Name 2	Color 1																																
<input type="checkbox"/>	380527	Product 2	Brand 2	Name 3	Color 2																																
<input type="checkbox"/>	400127	Product 3	Brand 2	Name 4	Color 3																																
<input type="checkbox"/>	400242	Product 4	Brand 2	Name 5	Color 4																																

4.7.4.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Assign Products page (displays the products matching the search criteria)
2.	Reset button	Assign Products page
3.	Back button	Search/List Collections page
4.	Update button	Assign Products page (assigns the selected products to the collection)
5.	Left Navigation links	Display the corresponding pages
6.	Logout link	Login page

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Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.7.4.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Product Code	Text box	Numeric	6	-	-	-	271130
2.	Price	Text box	Numeric	10	-	-	-	60,000
3.	Product Name	Text box	Text	25	-	-	-	Product 1
4.	Color	List box	Text	32	-	-	-	Color 2
5.	Brand	List box	Text	32	-	-	-	Brand 2
6.	Family	List box	Text	32	-	-	-	Name 2
7.	Assign	Check box	True/False	-	-	-	True	Unchecked

4.7.4.4 Use Cases

4.7.4.4.1 Assign Products

No.	Item	Description
1.	Priority	High
2.	Description	To assign products to a collection.
3.	Trigger	When the Assign Products link on the Search/List Collections page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium
5.2	Impact of Failure	High
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	None at this time.
8.	Business Rules	- The system automatically displays the name of the collection. - Products can only be assigned to collections by the admin. - Product Name field is pattern match (starting with) - Product Code and Price fields are exact match.
9.	Open Issues	None at this time.
10.	Successful Course of Events	Actor Action
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 2: Validate the details entered.</p> <p>Step 3: Display the corresponding products on the Assign Products page.</p> <p>Step 4: Check the Assign check box next to the appropriate products and</p>
		System Response

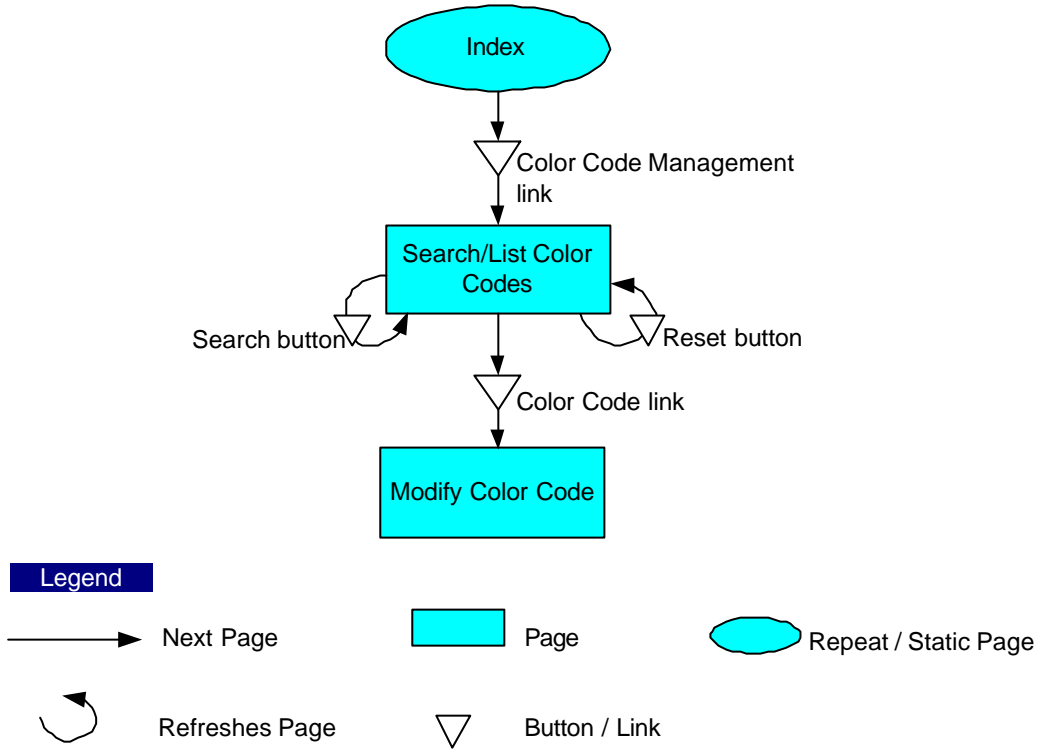
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
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		click the Update button. Step 7: This use case concludes when the products are assigned to the collection and the Assign Products page is displayed.	Step 5: Check if at least one product is selected. Step 6: Assign the product to the collection and refresh the page.
11.	Post-Conditions	The system assigns products to the collection and displays the Assign Products page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria. Step 5: If a valid selection is not made send a notification/message requesting valid selection.	

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4.8 COLOR CODE MANAGEMENT

4.8.1 Page Flow



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Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.8.2 Search/List Color Codes

This page allows you to search for existing color codes.

4.8.2.1 Screen Sample

Search/List Color Codes

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<div style="display: flex; justify-content: space-between;"> Color Code <input style="width: 100px;" type="text"/> Color Name <input style="width: 100px;" type="text"/> </div> <p><input type="checkbox"/> Blank Values</p> <div style="display: flex; justify-content: center; gap: 20px;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> </div>										
<div style="border-top: 1px solid black; border-bottom: 1px solid black; margin: 0 auto; width: 80%;">List Color Codes</div> <table style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Code Code</th> <th style="text-align: left; border-bottom: 1px solid black;">Color Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2</td> <td>Color 1</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Color 2</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Color 3</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Color4</td> </tr> </tbody> </table>		Code Code	Color Name	2	Color 1	3	Color 2	4	Color 3	5	Color4
Code Code	Color Name										
2	Color 1										
3	Color 2										
4	Color 3										
5	Color4										

4.8.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Color Codes page (displays colors matching the search criteria)
2.	Reset button	Search/List Color Codes page (resets the fields to their original values)
3.	Color Code link	Modify Color Code page
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

4.8.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Color Code	Text box	Numeric	1	-	-	-	2
2.	Color Name	Text box	Text	32	-	-	-	Green
3.	Blank Value	Check box	True/False	-	-	-	False	Unchecked

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.8.2.4 Use Cases

4.8.2.4.1 Search/List Color Codes

No.	Item	Description				
1.	Priority	High				
2.	Description	To search color codes in the system and display the results of the search.				
3.	Trigger	When the Color Code Management link on the Navigation bar is clicked.				
4.	Actors	Admin				
5.	Risk Factors					
5.1	Frequency of Occurrence	Medium				
5.2	Impact of Failure	High				
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.				
7.	Pre-Conditions	None at this time.				
8.	Business Rules	- Color Codes can be searched only by the admin. - Color Code field is exact match. - Color Name field is pattern match (starting with). - To search for color codes that do not have corresponding color names, the admin has to check the Blank Values check box and click the Search button. - If the admin checks the Blank Value check box, the system disables the Color Code and Color Name fields.				
9.	Open Issues	None at this time.				
10.	Successful Course of Events	<table border="1"> <thead> <tr> <th>Actor Action</th> <th>System Response</th> </tr> </thead> <tbody> <tr> <td> Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Color Codes page. </td> <td> Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Color Codes page. </td> </tr> </tbody> </table>	Actor Action	System Response	Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Color Codes page.	Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Color Codes page.
Actor Action	System Response					
Step 1: Enter the search criteria and click the Search button. Step 4: This use case concludes when the results are displayed on the Search/List Color Codes page.	Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Color Codes page.					
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Color Codes page.				
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.				

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.8.3 Modify Color Code

This page allows the admin to add or modify the color name for an existing color code.

4.8.3.1 Screen Sample

4.8.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Color Codes page
2.	Save button	Search/List Color Codes page (adds the color name for the existing color code)
3.	Left Navigation links	Display the corresponding pages
4.	Logout link	Login page

4.8.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Color Code	Text	Numeric	1	-	-	-	2
2.	Color Name	Text box	Text	32	-	-	-	Green

4.8.3.4 Use Cases

4.8.3.4.1 Modify Color Code

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing color code.
3.	Trigger	When the Color Code link on the Search/List Color

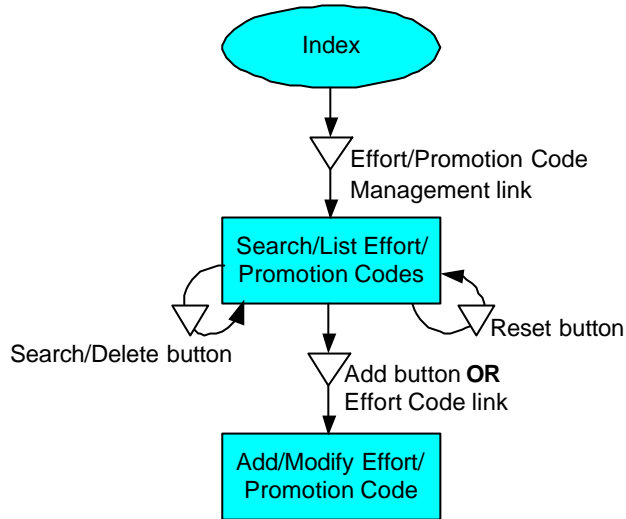
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		Codes page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	<ul style="list-style-type: none"> - At least one color code exists in the system. 	
8.	Business Rules	<ul style="list-style-type: none"> - Color codes can only be modified by the admin. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the color code are saved and the Search/List Color Codes page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the color code and display the Search/List color Codes page.</p>
11.	Post-Conditions	The system modifies the color code and displays the Search/List Color Codes page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

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4.9 EFFORT/PROMOTION CODE MANAGEMENT

4.9.1 Page Flow



Legend

- Next Page
- Page
- Repeat / Static Page
- Refreshes Page
- Button / Link

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.9.2 Search/List Effort/Promotion Codes

This page allows the admin to search for existing effort/promotion codes and delete them if required.

4.9.2.1 Screen Sample

Search/ List Effort/Promotion Codes

[What's New](#)
[Brand Management](#)
[Family Management](#)
[Sub-Family Management](#)
[Product Management](#)
[Collection Management](#)
[Color Code Management](#)
[Effort/Promotion Code Management](#)
[Offer Management](#)
[Customer Management](#)
[Order Management](#)
[Order Settings](#)
[Logout](#)

Effort Code
Promotion Code

Search
Reset
Add

List Effort Codes

Delete	Effort Code	Promotion Code
<input type="checkbox"/>	10	023
<input type="checkbox"/>	12	024
<input type="checkbox"/>	14	025
<input type="checkbox"/>	17	026

Delete

4.9.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Effort/Promotion Codes page (displays the effort codes matching the search criteria)
2.	Reset button	Search/List Effort/Promotion Codes page
3.	Add button	Add Effort/Promotion Code page
4.	Effort Code link	Modify Effort/Promotion Code page
5.	Delete button	Search/List Effort/Promotion Codes page (deletes the selected effort/promotion codes from the database)
6.	Left Navigation links	Display the corresponding pages
7.	Logout link	Login page

4.9.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/ Enum	Initial Value	Example
1.	Effort Code	Text box	Numeric	2	-	-	-	10
2.	Promotion Code	Text box	Numeric	3	-	-	-	023
3.	Delete	Check box	True/False	-	-	-	True	Unchecked

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.9.2.4 Use Cases

4.9.2.4.1 Search/List Effort/Promotion Codes

No.	Item	Description	
1.	Priority	High	
2.	Description	To search effort/promotion codes in the system and display the results of the search.	
3.	Trigger	When the Effort/Promotion Code Management link on the Navigation bar is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	High	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Effort codes can be searched only by the admin. - Effort Code and Promotion Code fields are exact match. 	
9.	Open Issues	None at this time	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Effort/Promotion Codes page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Effort/Promotion Codes page.</p>
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Effort/Promotion Codes page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

4.9.2.4.2 Delete Effort/Promotions Codes

No.	Item	Description
1.	Priority	High
2.	Description	To delete effort/promotion codes in the system.
3.	Trigger	When the Search button on the Search/List Effort/Promotion Codes page is clicked.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Effort codes can be deleted only by the admin. - Efforts cannot be deleted if there are promotions assigned to them. And the combination of Effort/Promotion code cannot be deleted if there are offers assigned to them. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the effort code to be deleted and click the Delete button.</p> <p>Step 4: This use case concludes when page refreshes and does not display the deleted effort codes.</p>	<p>Step 2: Check if at least one effort code is selected.</p> <p>Step 3: Refresh the page and display the remaining effort codes.</p>
11.	Post-Conditions	The selected effort codes are deleted from the system.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.9.3 Add/Modify Effort/Promotion Code

This page allows the admin to add a new effort/promotion code or modify an existing effort/promotion code.

4.9.3.1 Screen Sample

4.9.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Effort/Promotion Codes page
2.	Save button	Search/List Effort/Promotion Codes page (adds the effort code to the database)
3.	Left Navigation links	Display the corresponding pages
4.	Logout link	Login page

4.9.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Effort Code	Text box	Numeric	2	-	-	-	10
2.	Promotion Code	Text box	Numeric	3	-	-	-	023

4.9.3.4 Use Cases

4.9.3.4.1 Add Effort/Promotion Code

No.	Item	Description
1.	Priority	High
2.	Description	To add an effort/promotion code in the system.
3.	Trigger	When the Add button on the Search/List Effort/Promotion

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		Codes page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	- Effort codes can only be added by the admin.	
9.	Open Issues	None at this time.	
11.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter mandatory and valid details and click the Save button.</p> <p>Step 4: This use case concludes when the effort code is added to the system and the Search/List Effort/Promotion Codes page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Add the effort code to the system and display the Search/List Effort/Promotion Codes page.</p>
12.	Post-Conditions	The system adds the effort code to the database and displays the Search/List Effort/Promotion Codes page.	
13.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

4.9.3.4.2 Modify Effort/Promotion Code

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing effort/promotion code.
3.	Trigger	When the Effort Code link on the Search/List Effort/Promotion Codes page is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	Medium
5.2	Impact of Failure	High
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	None at this time.
8.	Business Rules	- Effort codes can only be modified by the admin.
9.	Open Issues	None at this time.

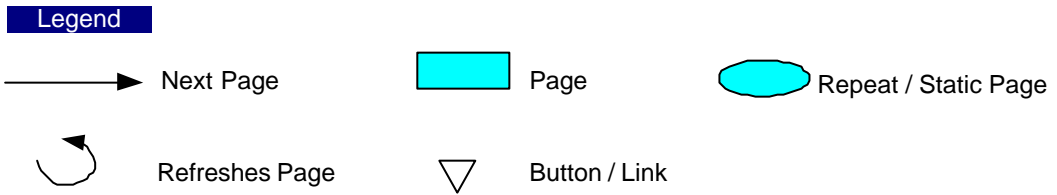
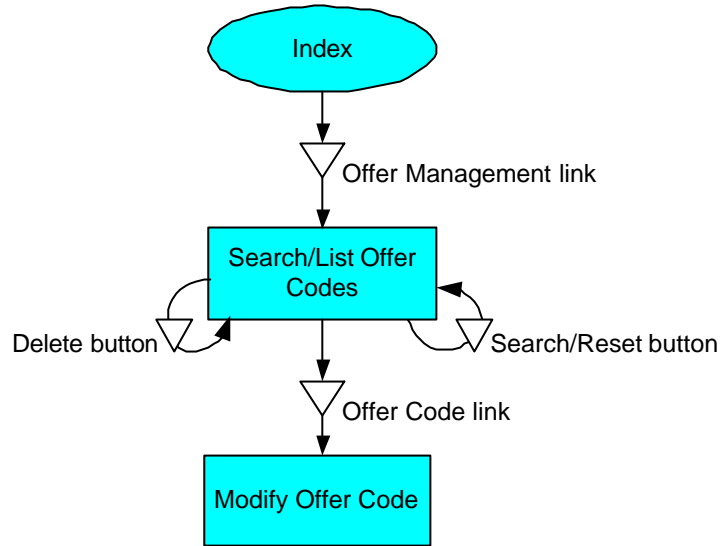
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the effort code are saved and the Search/List Effort/Promotion Codes page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the effort code and display the Search/List Effort/Promotion Codes page.</p>
11.	Post-Conditions	The system modifies the effort/promotion code and displays the Search/List Effort /Promotion Codes page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.10 OFFER MANAGEMENT

4.10.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.10.2 Search/List Offer Codes

This page allows the admin to search for offer codes and delete them if required.

4.10.2.1 Screen Sample

Search/List Offer Codes

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Offer Code <input type="text"/></td> <td style="width: 50%;">Effort Code <input type="text"/></td> </tr> <tr> <td>Start Year <input type="text" value="YYYY"/></td> <td>Start Week <input type="text" value="1"/></td> </tr> <tr> <td>End Year <input type="text" value="YYYY"/></td> <td>End Week <input type="text" value="2"/></td> </tr> <tr> <td colspan="2" style="text-align: right;"> <input type="text" value="Promotion Code"/> </td> </tr> <tr> <td colspan="2" style="text-align: right;"> <input type="text" value="Style"/> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> </td> </tr> </table> <div style="text-align: center; border-top: 1px solid black; padding-top: 5px; margin-top: 10px;">List Offer Codes</div> <table style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="border-bottom: 1px solid black;"> <th style="width: 5%;"></th> <th style="width: 10%;">Delete</th> <th style="width: 15%;">Offer Code</th> <th style="width: 10%;">Effort Code</th> <th style="width: 10%;">Promotion Code</th> <th style="width: 10%;">Style</th> <th style="width: 15%;">Start Year</th> <th style="width: 15%;">End Year</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td></td> <td>612</td> <td>17</td> <td>160</td> <td>1</td> <td>2003-06-30</td> <td>2003-07-05</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td>613</td> <td>17</td> <td>162</td> <td>1</td> <td>2003-06-29</td> <td>2003-07-03</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td>617</td> <td>18</td> <td>163</td> <td>1</td> <td>2003-05-15</td> <td>2003-06-10</td> </tr> <tr> <td colspan="8" style="padding-top: 5px;"> <input type="button" value="Delete"/> </td> </tr> </tbody> </table>	Offer Code <input type="text"/>	Effort Code <input type="text"/>	Start Year <input type="text" value="YYYY"/>	Start Week <input type="text" value="1"/>	End Year <input type="text" value="YYYY"/>	End Week <input type="text" value="2"/>	<input type="text" value="Promotion Code"/>		<input type="text" value="Style"/>		<input type="button" value="Search"/> <input type="button" value="Reset"/>			Delete	Offer Code	Effort Code	Promotion Code	Style	Start Year	End Year	<input type="checkbox"/>		612	17	160	1	2003-06-30	2003-07-05	<input type="checkbox"/>		613	17	162	1	2003-06-29	2003-07-03	<input type="checkbox"/>		617	18	163	1	2003-05-15	2003-06-10	<input type="button" value="Delete"/>							
Offer Code <input type="text"/>	Effort Code <input type="text"/>																																																				
Start Year <input type="text" value="YYYY"/>	Start Week <input type="text" value="1"/>																																																				
End Year <input type="text" value="YYYY"/>	End Week <input type="text" value="2"/>																																																				
<input type="text" value="Promotion Code"/>																																																					
<input type="text" value="Style"/>																																																					
<input type="button" value="Search"/> <input type="button" value="Reset"/>																																																					
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<input type="checkbox"/>		613	17	162	1	2003-06-29	2003-07-03																																														
<input type="checkbox"/>		617	18	163	1	2003-05-15	2003-06-10																																														
<input type="button" value="Delete"/>																																																					

4.10.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Offer Codes page (displays the offer codes matching the search criteria)
2.	Reset button	Search/List Offer Codes page
3.	Offer Code link	Modify Offer Code page
4.	Delete button	Search/List Offer Codes page (deletes the selected offer codes from the database)
5.	Left Navigation links	Display the corresponding pages
6.	Logout link	Login page

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.10.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Offer Code	Text box	Text	50	-	-	-	0029
2.	Start Year	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
3.	Start Week	Drop-down	Number	2	Week	1-52	1	6
4.	End Year	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
5.	End Week	Drop-down	Number	2	Week	1-52	1	6
6.	Effort Code	Drop-down	Numeric	2	-	List from database	Select	17
7.	Promotion Code	Drop-down	Numeric	3	-	List from database	Select	160
8.	Style	Drop-down	Text	50	-	List from database	Select	1
9.	Delete	Check box	True/False	-	-	-	True	Unchecked

4.10.2.4 Use Cases

4.10.2.4.1 Search/List Offer Codes

No.	Item	Description
1.	Priority	High
2.	Description	To search offer codes in the system and display the results of the search.
3.	Trigger	When the Offer Management link on the Navigation bar is clicked.
4.	Actors	Admin
5.	Risk Factors	
6.	Frequency of Occurrence	High
7.	Impact of Failure	High
8.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
9.	Pre-Conditions	None at this time.
10.	Business Rules	- Offer codes can be searched only by the admin. - Offer Code field is exact match. - The End Year should not be lesser than the Start Year. - The End Week should not be lesser than the Start Week.
11.	Open Issues	None at this time.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

12.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Offer Codes page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Offer Codes page.</p>
13.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Offer Codes page.	
14.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

4.10.2.4.2 Delete Offer Codes

No.	Item	Description	
1.	Priority	High	
2.	Description	To delete offer codes in the system.	
3.	Trigger	When the Search button on the Search/List Offer Codes page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	- Offer codes should be listed on the page.	
8.	Business Rules	<ul style="list-style-type: none"> - Offer codes can be deleted only by the admin. - Offer codes cannot be deleted if there are orders placed based on these offers. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Select the offer code to be deleted and click the Delete button.</p>	<p>Step 2: Check if at least one offer code is selected.</p> <p>Step 3: Refresh the page and display the remaining offer codes.</p>

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		Step 4: This use case concludes when the page refreshes and does not display the deleted offer codes.	
11.	Post-Conditions	The selected offer codes are deleted from the system.	
12.	Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.10.3 Modify Offer Code

This page allows the admin to modify some fields for an existing offer code.

4.10.3.1 Screen Sample

Modify Offer Code

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<p>Offer Code 001</p> <p>Effort Code <input type="text" value=""/> ▼</p> <p>Promotion Code <input type="text" value=""/> ▼</p> <p>Collection Name <input type="text" value=""/> ▼</p> <p>Product Name <input type="text" value=""/> ▼</p> <p>Start Year 2003</p> <p>End Year 2003</p> <p>Start Week 30</p> <p>End Week 32</p> <p>Description Text text text text text text text text text text text text text text text text text text text</p> <p>Style 1: Free Gift based on Description E.g.: Customers, buying a product will get a <i>another</i> product (X) as a gift.</p> <p style="text-align: right;"> <input type="button" value="Back"/> <input type="button" value="Save"/> </p>
---	---

Note:

1. There are 10 predefined styles that can be assigned to an offer code. These 10 styles have been described below.

STYLE	DESCRIPTION
Style 1	Free Gift based on Description E.g.: Customers, buying a product will get a <i>another</i> product (X) as a gift.
Style 2	Number of Products E.g.: Customers having points tally in excess of xxx points get <i>another</i> product (X) as a gift.
Style 3	Total Price E.g.: Customers making purchases exceeding Yen XXX get XXX as a gift.
Style 4	Discount Price - **** yen off for all customers who buy a product. The admin has to enter the discount price.
Style 5	****% OFF for **** - ****% OFF for **** The admin has to enter the %OFF. And the target of the reduction (product, collection, brand)
Style 6	<i>Another</i> product free on purchase of any product. This sets a field where the customer can enter the gift she chooses between several choices (the field has to be 9 digits long)

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

Style 7	Customers who buy can buy certain specified products at a discounted price. The admin has to select the products and specify the discounted price for each product. And a field has to appear on the web site when necessary (9 digits long)
Style 8	Customers who purchase products worth more than **** Yen get a discount of **** Yen. Or XXX or more products in her order... The admin has to enter the **** Yen and above value and the **** Yen off value.
Style 9	The admin has to specify the color and discount price for the selected product. Crossed price
Style 10	Customers who purchase products worth more than **** Yen get a discount of **** % . Or XXXX or more products in her order... The admin has to enter the **** Yen and above value and the **** % off value.

4.10.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Offer Codes page
2.	Save button	Search/List Offer Codes page (updates the database)
3.	Left Navigation links	Display the corresponding pages
4.	Logout link	Login page

4.10.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range / Enum	Initial Value	Example
1.	Effort Code	Drop-down	Numeric	2	-	-	-	160
2.	Promotion Code	Drop-down	Numeric	3	-	-	-	023
3.	Collection	Drop-down	Text	32	-	-	-	Collection 1
4.	Product	Drop-down	Text	32	-	-	-	Product 1
5.	Description	Text	Text	200	-	-	-	
5.1	Start Year	Text	Number	4 (YYYY)	Year	2003 - 2010	YYY Y	2003
5.2	Start Week	Text	Number	2	Week	1-52	1	6
5.3	End Year	Text	Number	4 (YYYY)	Year	2003 - 2010	YYY Y	2003
5.4	End Week	Text	Number	2	Week	1-52	1	6
6.	Assign	Check box	True/False	-	-	-	True	Unchecked

4.10.3.4 Use Cases

4.10.3.4.1 Modify Offer Code

No.	Item	Description
1.	Priority	High
2.	Description	To modify an existing offer code.
3.	Trigger	When the Offer Code link on the Search/List Offer

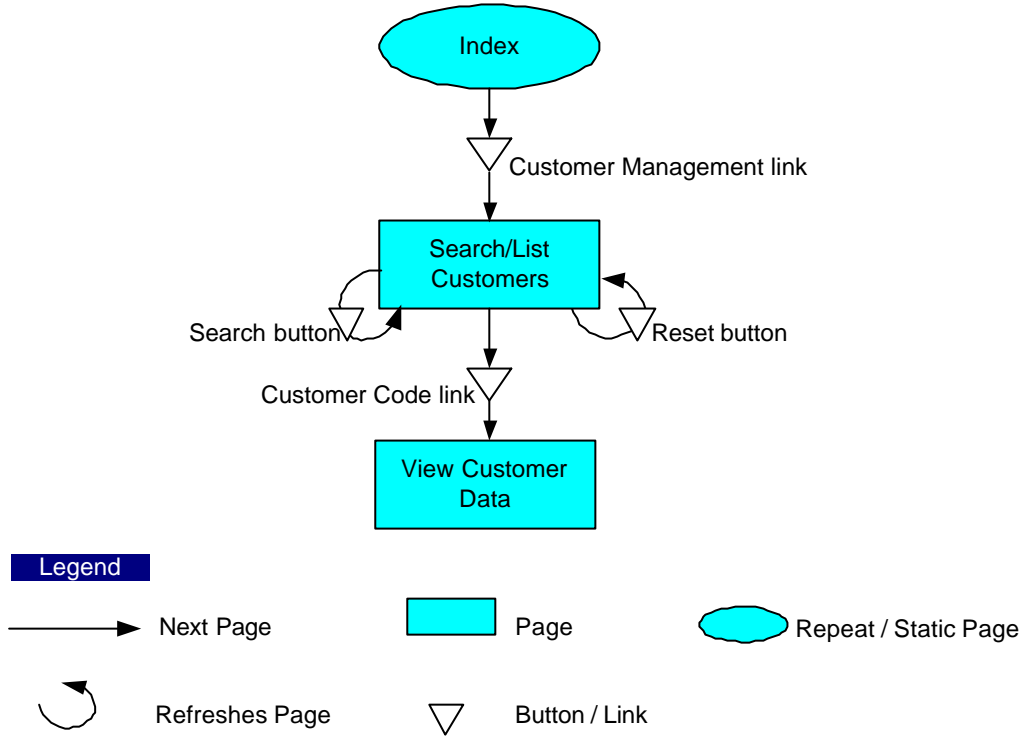
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		Codes page is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	Medium	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Offer codes can only be modified by the admin. - Offer codes have to be assigned to an effort code, promotion code and collection. They can also be assigned to a product within the collection. - The products that are to be used as gifts for an offer are sent via the offer stream (using their product code). 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	System Response
		<p>Step 1: Modify the required details and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the offer code are saved and the Search/List Offer Codes page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the offer code and display the Search/List Offer Codes page.</p>
11.	Post-Conditions	The system modifies the offer code and displays the Search/List Offer Codes page.	
12.	Alternate Courses	Step 2: If all the mandatory and valid details are not entered send a notification/message requesting entry of all mandatory and valid details.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.11 CUSTOMER MANAGEMENT

4.11.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.11.2 Search/List Customers

This page allows the admin to search for customers.

4.11.2.1 Screen Sample

Search/List Customers

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Customer Code</td> <td><input type="text"/></td> <td style="width: 30%;">Last Name</td> <td><input type="text"/></td> </tr> <tr> <td>Phone</td> <td><input type="text"/></td> <td>First Name</td> <td><input type="text"/></td> </tr> <tr> <td>Email</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Search"/></td> <td colspan="2" style="text-align: center;"><input type="button" value="Reset"/></td> </tr> </table>	Customer Code	<input type="text"/>	Last Name	<input type="text"/>	Phone	<input type="text"/>	First Name	<input type="text"/>	Email	<input type="text"/>			<input type="button" value="Search"/>		<input type="button" value="Reset"/>	
Customer Code	<input type="text"/>	Last Name	<input type="text"/>														
Phone	<input type="text"/>	First Name	<input type="text"/>														
Email	<input type="text"/>																
<input type="button" value="Search"/>		<input type="button" value="Reset"/>															

List Customers

Customer Code	Last Name	First Name	Phone	Email
14	Nagase	Hideo	090-4263-8624	nh@abc.com
02	Uchitoku	Kaori	090-4274-8564	ku@xyz.com
03	Tanigawa	Tadashi	090-4368-5627	tt@abc.com
04	Yamaguchi	Kouji	090-4567-8642	ky@abc.com

4.11.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Customers page (displays the customers matching the search criteria)
2.	Reset button	Search/List Customers page
3.	Customer Code link	View Customer Data page
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page
6.	Email link	Default email client (e.g. Outlook Express)

4.11.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Customer Code	Text box	Numeric	50	-	-	-	14
2.	Phone	Text box	Numeric	50	-	-	-	090-4263-8624
3.	First Name	Text box	Text	100	-	-	-	Hideo
4.	Last Name	Text box	Text	100	-	-	-	Nagase
5.	Email	Text box	Text	50	-	-	-	masaya@abc.com

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.11.2.4 Use Cases

4.11.2.4.1 Search/List Customers

No.	Item	Description	
1.	Priority	High	
2.	Description	To search customers in the system and display the results of the search.	
3.	Trigger	When the Customer Management link on the Navigation bar is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	High	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	<ul style="list-style-type: none"> - Customers can be searched only by the admin. - First Name and Last Name fields are pattern match (starting with) - Customer Code, Phone and Email fields are exact match. 	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	Successful Course of Events
		<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Customers page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Customers page.</p>
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Customers page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.11.3 View Customer Data

This page allows the admin to view the customer data

4.11.3.1 Screen Sample

View Customer Data				
What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	Online Customer Code	50	Postal Code	103-4026
	Offline Customer Code	50	Prefecture	-
	Civility	Mr.	Country	Japan
	First Name	Hideo	Birth Date	1975-11-02
	Last Name	Nagase	Preferred Language	Japanese
	Other Name		Creation Date	2003-02-01
	Email	hideo@abc.com	Last Update Date	2003-05-06
	Phone	81-4222-52-6985	Max Ordered Amount	-
	Mobile Phone	090-4263-8264	Type	Customer
	Fax	81-4222-52-6985	Receives Customer Name Withheld Email Campaigns	Yes
	Address	5-5, 2-Chome Hamamatsu-cho Minato-ku	Receives Other Campaigns	Yes
	Mobile Phone	-	Remark	
	Email Address			
	City	Tokyo		
<input type="button" value="Back"/>				

4.11.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Customers page
2.	Left Navigation links	Display the corresponding pages
3.	Logout link	Login page

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.11.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Online Customer Code	Text	Numeric	50	-	-	-	14
2.	Offline Customer Code	Text	Numeric	50	-	-	-	14
3.	Civility	Text	Text	1	-	-	-	Mr., Mrs.
4.	First Name	Text	Text	100	-	-	-	Hideo
5.	Last Name	Text	Text	100	-	-	-	Nagase
6.	Other Name	Text						
7.	Email	Text	Text	50	-	-	-	masaya@abc.com
8.	Phone	Text	Numeric	50	-	-	-	00 - 81-4263-8624
9.	Mobile Phone	Text	Numeric	50	-	-	-	090-4263-8624
10.	Fax	Text	Numeric	50	-	-	-	00-81-4263-8624
11.	Address	Text	Text	32	-	-	-	7-1-2
12.	Mobile Phone Email Address	Text	Text	50	-	-	-	@docomo.ne.jp
13.	Postal Code	Text	Numeric	20	-	-	-	1038456
14.	Prefecture & City	Text	Text	64	-	-	-	東京都港区
15.	Country	Text	Text	50	-	-	-	Japan
16.	Birth Date	Text						
16.1	YYYY	Text	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
16.2	MM	Text	Number	2 (MM)	Month	01-12	MM	06
16.3	DD	Text	Number	2 (DD)	Date	01-31	DD	25
17.	Preferred Language	Text	Numeric	2	-	-	-	Preferred language code
18.	Creation Date							
18.1	YYYY	Text	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
18.2	MM	Text	Number	2 (MM)	Month	01-12	MM	06
18.3	DD	Text	Number	2 (DD)	Date	01-31	DD	25

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

19.	Last Update Date							
19.1	YYYY	Text	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
19.2	MM	Text	Number	2 (MM)	Month	01-12	MM	06
19.3	DD	Text	Number	2 (DD)	Date	01-31	DD	25
20.	Max Ordered Amount	Text	Numeric	10	-	-	-	
21.	Type	Text	Text	10	-	-	-	Prospect or Customer
22.	Receives Customer Name Withheld Email Campaigns	Text	Boolean	1	-	-	-	Yes
23.	Receives Other Campaigns	Text	Boolean	1	-	-	-	Yes
24.	Remark	Text	Text	200	-	-	-	Remarks on the customer

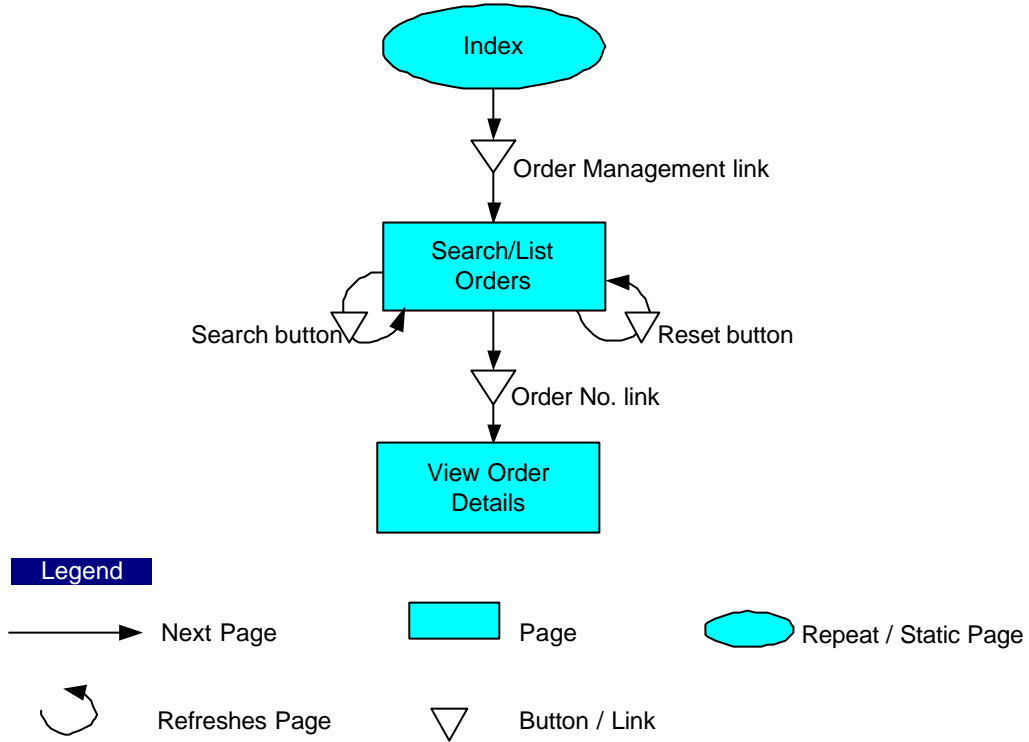
4.11.3.4 Use Cases

N/A

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.12 ORDER MANAGEMENT

4.12.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.12.2 Search/List Orders

This page allows the admin to search for orders placed by customers.

4.12.2.1 Screen Sample

Search/List Orders

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Customer Code</td> <td><input type="text"/></td> <td style="width: 20%;">Order Date From</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Order No.</td> <td><input type="text"/></td> <td>Order Date To</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Search"/></td> <td colspan="4" style="text-align: center;"><input type="button" value="Reset"/></td> </tr> </table> <div style="text-align: center; margin-top: 10px;">List Orders</div> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Order No.</th> <th style="text-align: left; border-bottom: 1px solid black;">Customer Code</th> <th style="text-align: left; border-bottom: 1px solid black;">Order Date</th> </tr> </thead> <tbody> <tr> <td>00781</td> <td>001</td> <td>2003-07-01</td> </tr> <tr> <td>00782</td> <td>001</td> <td>2003-07-01</td> </tr> <tr> <td>00783</td> <td>003</td> <td>2003-06-30</td> </tr> <tr> <td>00784</td> <td>004</td> <td>2003-06-30</td> </tr> </tbody> </table>	Customer Code	<input type="text"/>	Order Date From	<input type="text"/>	<input type="text"/>	<input type="text"/>	Order No.	<input type="text"/>	Order Date To	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Search"/>		<input type="button" value="Reset"/>				Order No.	Customer Code	Order Date	00781	001	2003-07-01	00782	001	2003-07-01	00783	003	2003-06-30	00784	004	2003-06-30
Customer Code	<input type="text"/>	Order Date From	<input type="text"/>	<input type="text"/>	<input type="text"/>																													
Order No.	<input type="text"/>	Order Date To	<input type="text"/>	<input type="text"/>	<input type="text"/>																													
<input type="button" value="Search"/>		<input type="button" value="Reset"/>																																
Order No.	Customer Code	Order Date																																
00781	001	2003-07-01																																
00782	001	2003-07-01																																
00783	003	2003-06-30																																
00784	004	2003-06-30																																

4.12.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Search button	Search/List Orders page (displays the orders matching the search criteria)
2.	Reset button	Search/List Orders page
3.	Order No. link	View Order Details page
4.	Left Navigation links	Display the corresponding pages
5.	Logout link	Login page

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.12.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range / Enum	Initial Value	Example
1.	Customer Code	Text box	Numeric	50	-	-	-	14
2.	Order No.	Text box	Numeric	50	-	-	-	092784
3.	Order Date From							
3.1	YYYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
3.2	MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
3.3	DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25
4.	Order Date To							
4.1	YYYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
4.2	MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
4.3	DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25

4.12.2.4 Use Cases

4.12.2.4.1 Search/List Orders

No.	Item	Description
1.	Priority	High
2.	Description	To search orders placed by the customers and display the results of the search.
3.	Trigger	When the Order Management link on the Navigation bar is clicked.
4.	Actors	Admin
5.	Risk Factors	
5.1	Frequency of Occurrence	High
5.2	Impact of Failure	High
6.	Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
7.	Pre-Conditions	None at this time.
8.	Business Rules	- Orders can be searched only by the admin. - Customer Code and Order No. fields are exact match.
9.	Open Issues	None at this time.
10.	Successful Course of Events	Actor Action
		Successful Course of Events
		Step 1: Enter the search criteria and click the Search button.
		Step 2: Validate the search criteria. Step 3: Generate results and display them on the Search/List Orders page.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

		Step 4: This use case concludes when the results are displayed on the Search/List Orders page.	
11.	Post-Conditions	The specified criteria have been searched and listed on the Search/List Orders page.	
12.	Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.12.3 View Order Details

This page allows the admin to view the details of the selected order.

4.12.3.1 Screen Sample

View Order Details

What's New Brand Management Family Management Sub-Family Management Product Management Collection Management Color Code Management Effort/Promotion Code Management Offer Management Customer Management Order Management Order Settings Logout	Order No. : 00781 Order Date: 2003-07-01 Customer Code: 001 Customer Name: Watanabe Akira																												
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="text-align: left;">Product Code</th> <th>Price</th> <th>Quantity</th> <th>Sub-Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">055612</td> <td>¥1,700</td> <td>1</td> <td>¥1,700</td> </tr> <tr> <td style="text-align: left;">347861</td> <td>¥7,860</td> <td>2</td> <td>¥15,720</td> </tr> <tr> <td style="text-align: left;">978617</td> <td>¥5,500</td> <td>5</td> <td>¥27,500</td> </tr> <tr> <td colspan="3">Total</td> <td>¥44,920</td> </tr> <tr> <td colspan="3">Total Rebate</td> <td>¥1,000</td> </tr> <tr> <td colspan="3">GRAND TOTAL</td> <td>¥43,920</td> </tr> </tbody> </table>	Product Code	Price	Quantity	Sub-Total	055612	¥1,700	1	¥1,700	347861	¥7,860	2	¥15,720	978617	¥5,500	5	¥27,500	Total			¥44,920	Total Rebate			¥1,000	GRAND TOTAL			¥43,920	<input type="button" value="Back"/>
Product Code	Price	Quantity	Sub-Total																										
055612	¥1,700	1	¥1,700																										
347861	¥7,860	2	¥15,720																										
978617	¥5,500	5	¥27,500																										
Total			¥44,920																										
Total Rebate			¥1,000																										
GRAND TOTAL			¥43,920																										

4.12.3.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Back button	Search/List Orders page
2.	Left Navigation links	Display the corresponding pages
3.	Logout link	Login page

4.12.3.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Customer Code	Text	Numeric	50	-	-	-	14
2.	Order No.	Text	Numeric	50	-	-	-	092784
3.	Order Date		Numeric					
4.	Customer Name							
4.1	First Name	Text	Text	100	-	-	-	Hideo
4.2	Last Name	Text	Text	100	-	-	-	Nagase
5.	Product Code	Text	Numeric	6	-	-	-	271130
6.	Price	Text	Numeric	10	-	-	-	60,000
7.	Quantity	Text	Numeric	2	-	-	-	5

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

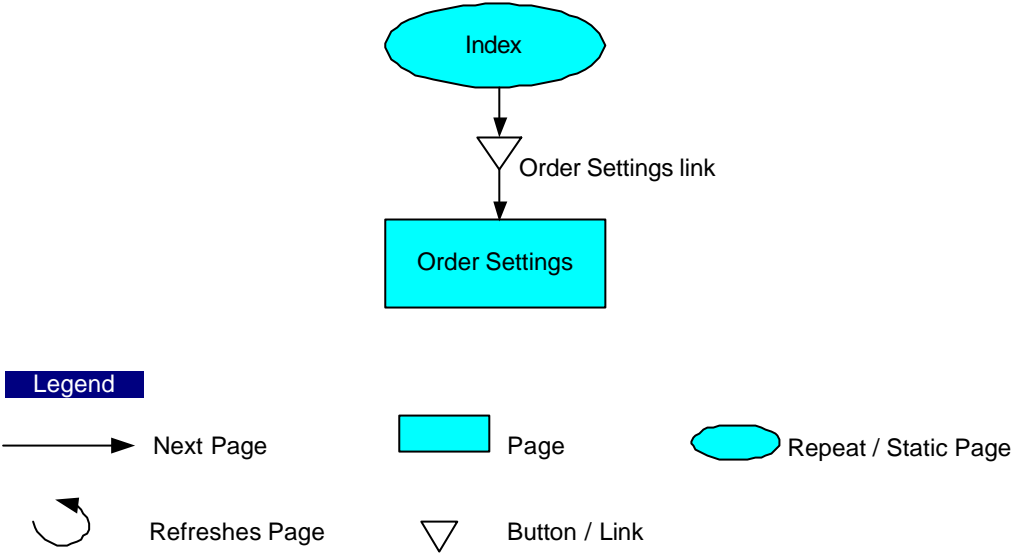
4.12.3.4 Use Cases

N/A

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.13 ORDER SETTINGS

4.13.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.13.2 Order Settings

This page allows the admin to configure the order settings for the User site. The system validates the orders placed by all customers based on the settings in this section.

4.13.2.1 Screen Sample

4.13.2.2 Page Navigation

No.	Link/Button	Destination Page/Corresponding Action
1.	Save button	Index page
2.	Left Navigation links	Display the corresponding pages
3.	Logout link	Login page

4.13.2.3 User Interface Specifications

No.	Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
1.	Maximum Amount of Order	Text box	Numeric	10	-	-	-	14,000
2.	Maximum No. of Products	Text box	Numeric	2	-	-	-	10
3.	Maximum No. of Orders	Text box	Numeric	2	-	-	-	10

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

4.13.2.4 Use Cases

4.13.2.4.1 Configure Order Settings

No.	Item	Description	
1.	Priority	High	
2.	Description	To configure order settings for customers.	
3.	Trigger	When the Order Settings link on the Navigation bar is clicked.	
4.	Actors	Admin	
5.	Risk Factors		
5.1	Frequency of Occurrence	High	
5.2	Impact of Failure	High	
6.	Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
7.	Pre-Conditions	None at this time.	
8.	Business Rules	None at this time.	
9.	Open Issues	None at this time.	
10.	Successful Course of Events	Actor Action	Successful Course of Events
		<p>Step 1: Configure the order settings and click the Save button.</p> <p>Step 4: This use case concludes when the order settings are saved and the Index page is displayed.</p>	<p>Step 2: Validate the order settings.</p> <p>Step 3: Save the order settings and display the Index page.</p>
11.	Post-Conditions	The order settings are saved and the Index page is displayed.	
12.	Alternate Courses	Step 2: If the order settings are not valid, send a notification/message requesting entry of valid details.	

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	<i>Customer Name Withheld</i> Mobile Web Site (Admin) FRS 1.4

5 SOFTWARE DEVELOPMENT AGREEMENT

This Software Development Agreement is made effective from **August 6, 2003** to the completion of the software, by and between [\[Your company name here\]](#) (Developer) and *Customer Name Withheld* (Customer).

For the purpose of this Agreement:

The Functional Requirements Specification Document mentioned in this Agreement would lay out the details and processes of the software development. On receiving the Customer (user) sign off, [\[Your company name here\]](#) would commence work on the software.

Terms and Conditions of the Agreement:

1. Changes to the GUI, Functional Requirements Specifications and/or any other section after the user sign off, would be made at the discretion of [\[Your company name here\]](#). [\[Your company name here\]](#) reserves the right to charge for these changes based on standard hourly rates.
2. The software timeline proposed by [\[Your company name here\]](#) is based on the agreed upon schedule of deliverables to [\[Your company name here\]](#). [\[Your company name here\]](#) would be working to a fixed schedule and any delay in receiving the deliverables could delay [\[Your company name here\]](#)'s proposed schedule.
3. All communications with the Customer would be through the appointed interface persons. For this software this would be:
 - Overall Project communications:

Name: *Withheld*

E-mail: *Withheld*
 - Streams and Mainframe communications:

Name: *Withheld*

E-mail: *Withheld*
4. To ensure accountability and avoid miscommunication, all communications between [\[Your company name here\]](#) and the customer would be desired in the form of a letter / email / fax. Verbal communications are not preferred as they may lead to miscommunication, if Verbal communications are used then written versions of the communications should be presented by email or fax.
5. Software design and development would begin only after the scheduled payment for the software is received, and the customer has signed off the Software Development Agreement.
6. [\[Your company name here\]](#) agreed payment terms are based on original service confirmation.
7. This Agreement may be modified only by a further writing that is executed by both parties.

[\[Your company name here\]](#) and *Customer Name Withheld* agree to the terms and conditions of the above agreement. *Customer Name Withheld* has read and approved the *Customer Name Withheld* Mobile Web Site (Admin) Functional Requirements Specification (**Reference: 1.4 and Dated August 6, 2003**) and authorizes [\[Your company name here\]](#) to proceed with the development of the software according to the Functional Requirements Specification.

For *Customer Name Withheld*

Date

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	<i>Customer Name Withheld</i> Mobile Web Site (Admin) FRS 1.4

6 APPENDIX A: GLOSSARY

6.1 GENERAL TERMS

Approval	Written notification by an authorized representative of the acquirer that the developer’s plans, design, or other aspects of the project appear to be sound and can be used as the basis for further work
Function	The action or actions that an item is designed to perform
Requirements	Characteristics that identify the accomplishment levels needed to achieve specific objectives for a given set of conditions
Specification	A document intended primarily for use in procurement, which describes the essential technical requirements for items, materials or services including the procedures for determining whether or not the requirements have been met
Section	Section shall be interpreted as meaning the top paragraph and all its subparagraphs.
Collection	Group of products from any brand or family put together based on a theme.
Brand	Main brands offered by <i>Customer Name Withheld</i> .
Style	The kind of offer made for a promotion. For example, one product free if the customers buy products worth 6000 Yen and above.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

7 APPENDIX B: ANALYSIS MODELS

7.1 ENTITY RELATIONSHIP DIAGRAM

This section will be updated in the next version of the functional requirements specification.

7.2 DATA FLOW DIAGRAM

This section will be updated in the next version of the functional requirements specification.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	<i>Customer Name Withheld Mobile Web Site (Admin) FRS</i> 1.4

8 APPENDIX C: TO BE DETERMINED LIST

This section outlines the list of items related to the *Customer Name Withheld Mobile Web Site (Admin)* that need to be determined.

- It is assumed that all orders are placed only through the mobile devices and that they have to be exported to the mainframe. There will be no other order management functionality on the .NET server.
- All other open issues in the Use Cases.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	August 6, 2003	1.4	Customer Name Withheld Mobile Web Site (Admin) FRS 1.4

9 APPENDIX D: CHANGE LOG

REF.	CHANGES UPDATED AND REASON FOR CHANGES	CHANGES MADE BY	DATE	SUBMITTED BY
1.0	Initial Release	Jason Dibbin	July 24, 2003	[Your company name here]
1.1	Updated comments	Customer Name Withheld	July 29, 2003	Customer Name Withheld
1.2	Changed the ID field to Code for all sections; removed the Effort code and Promotion Code fields from the Modify Collection page; Added the Product Code and Color Code fields on the Assign Products page; changed the Add/Modify Offer Code page to Modify Offer Code; added the Live field to the Search/List Collections page; and removed the manual import functionality for the Products and Customers sections.	Jason Dibbin	July 29, 2003	[Your company name here]
1.3	Added the Order Management, Order Settings, Family Management and Sub-Family Management sections; updated the Add/Modify Brand, Index, Search Products, Assign Products and Modify Product pages; added the User Interface Specifications to the View Customer Data page; and updated the Software Development Agreement.	Jason Dibbin	August 4, 2003	[Your company name here]
1.4	Added the Color Management section; updated the Index, Modify Offer and Modify Product pages.	Jason Dibbin	August 6, 2003	[Your company name here]