

[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 Mobile Web Site (Admin)</i>
3 Version	1.0 <u>1.1</u>
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	2003-07-24
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 website is 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, Brand Management, Product Management, Customer Management, Effort Code Management, Offer Management and Collection Management. 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 and customer data is imported from the mainframe in to the online database on a regular basis. The admin can only view the customer and product data. The system however allows the

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admin to add an image and description for each product. The offer management section comprises 10 different pre-defined styles that can be assigned to offer codes. For example, customers get a skin care product free on the purchase of any product OR customers who purchase products worth more than ***** Yen get a discount of ***** Yen (the admin can specify the Yen value for 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 Web Site (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 1.0.doc</i>	Interface Requirements Specification – <i>Customer Name Withheld Mobile Web Site</i>	July 24, 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.

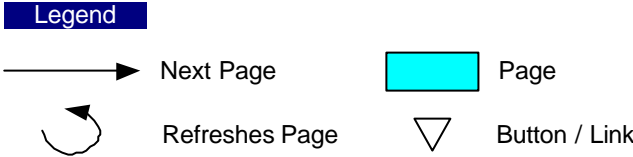
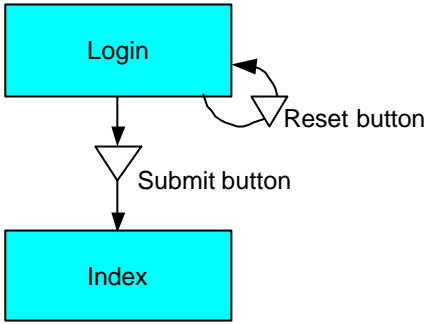
Security: N/A

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4 EXTERNAL INTERFACE REQUIREMENTS

4.1 LOGIN

4.1.1 Page Flow

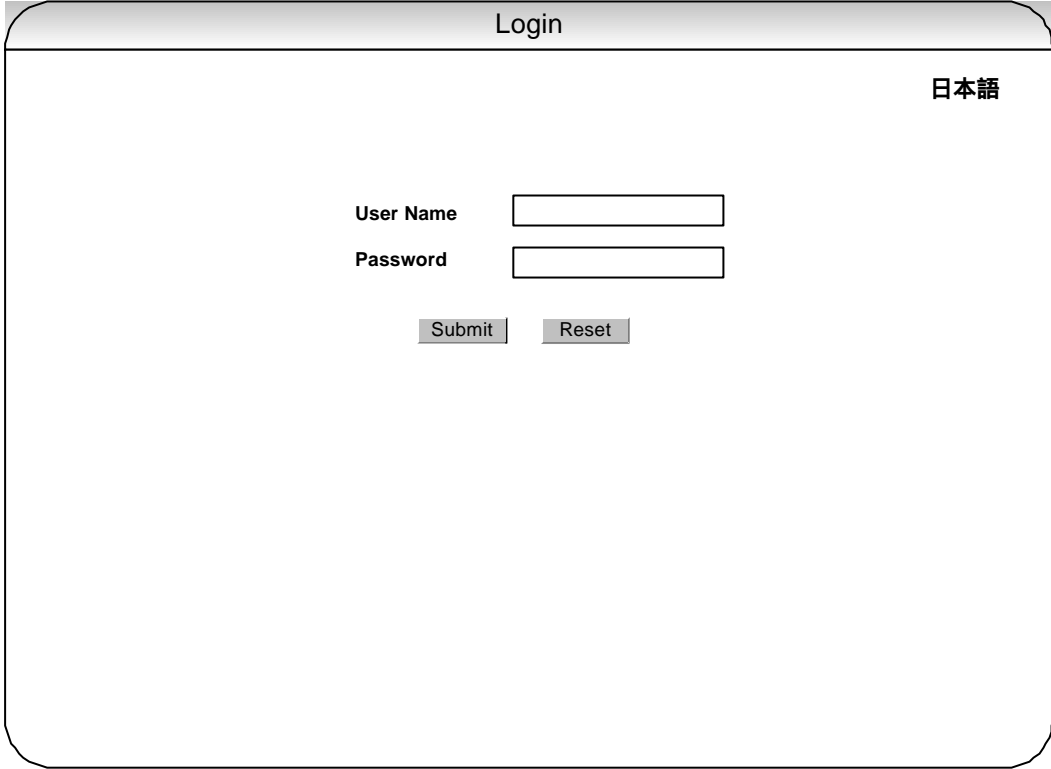


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4.1.2 Login

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

Link/Button	Destination Page/Corresponding Action
Submit button	Index
Reset button	Login
日本語 link	Login page (displays the Japanese interface)

4.1.2.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
User Name	Text box	Text	32	-	-	-	admin
Password	Text box	Text	32	-	-	-	admin123

4.1.2.4 Use Cases

4.1.2.4.1 Login

Item	Description
Priority	High
Description	To login to the system using a User Name and Password.
Trigger	When the URL for the <i>Customer Name Withheld Mobile Web Site (Admin section)</i> is opened in the browser.

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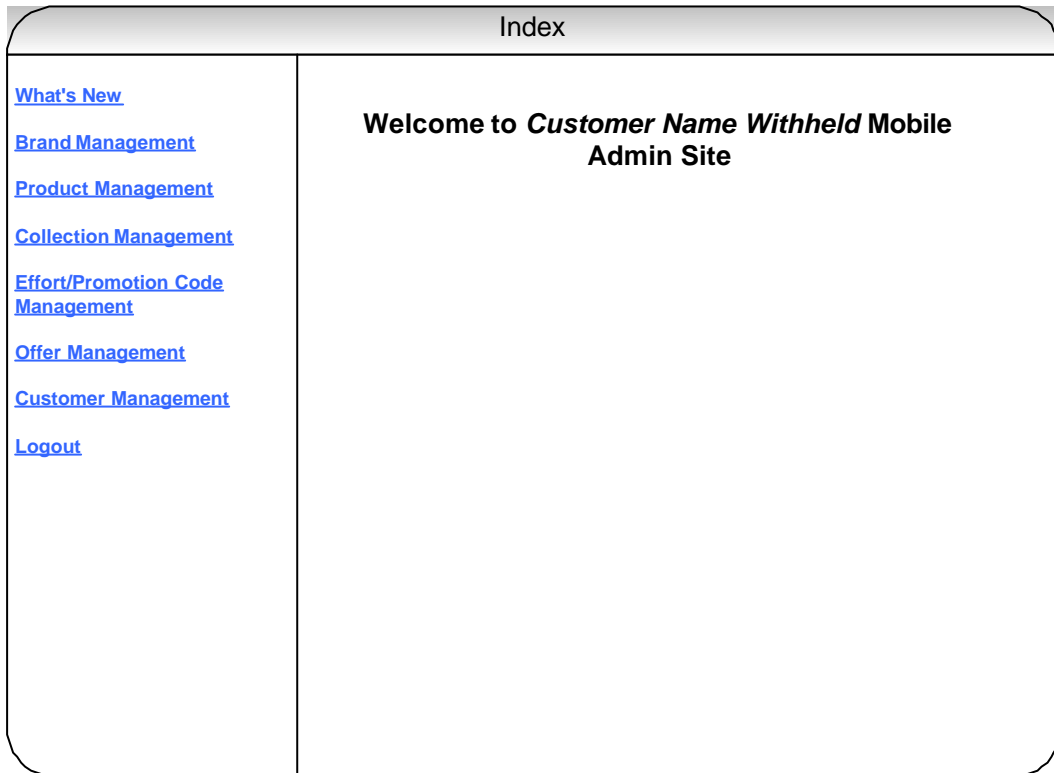
Actors	Admin	
Risk Factors		
Frequency of Occurrence	High	
Impact of Failure	High	
Invariants	Both the server and the browser are running	
Pre-Conditions	None at this time	
Business Rules	None at this time	
Open Issues	None at this time	
Successful Course of Events	Actor Action	System Response
	<p>Step 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>
Post-Conditions	The Index page is displayed.	
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

Link/Button	Destination Page/Corresponding Action
What's New link	Search/List What's New
Brand Management link	Search/List Brands
Product Management link	Search/List Products
Collection Management link	Search/List Collections
Effort/Promotion Code Management link	Search/List Effort/Promotion Codes
Offer Management link	Search/List Offer Codes
Customer Management link	Search/List Customers
Logout link	Login

4.1.3.3 User Interface Specifications

N/A

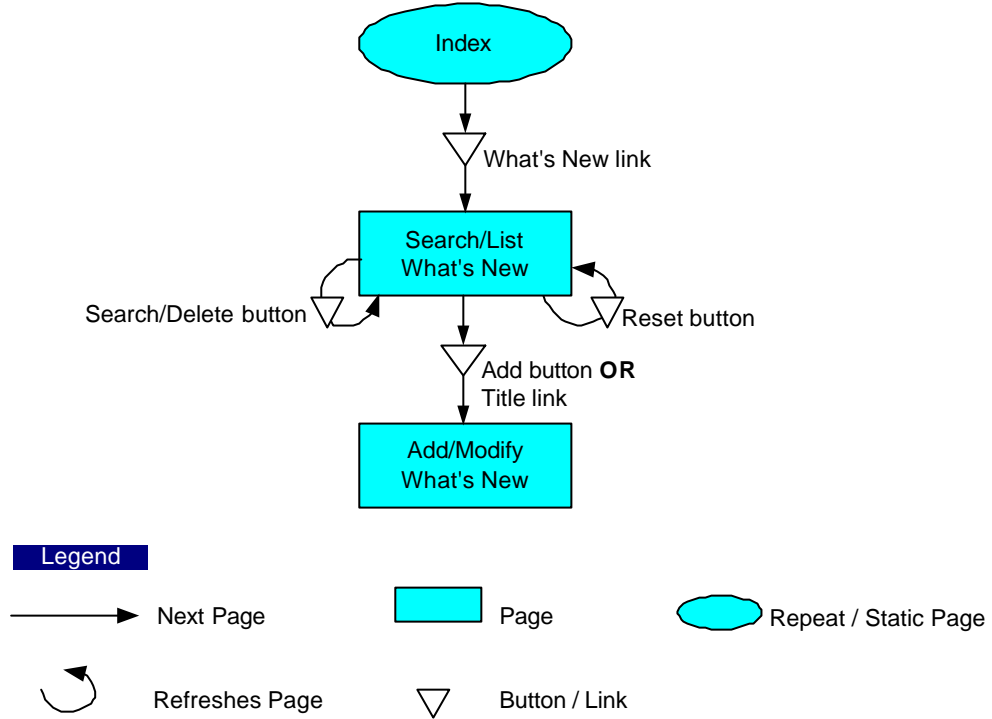
4.1.3.4 Use Cases

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 Product Management Collection Management Effort/Promotion Code Management Offer Management Customer Management Logout	<div style="border-bottom: 1px solid black; padding-bottom: 10px;"> Publication Start Date <input type="text" value="YYYY"/> <input type="text" value="MM"/> <input type="text" value="DD"/> Title <input style="width: 150px;" type="text"/> </div> <div style="border-bottom: 1px solid black; padding-bottom: 10px;"> Publication End Date <input type="text" value="YYYY"/> <input type="text" value="MM"/> <input type="text" value="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>																									
	<div style="text-align: center; border-bottom: 1px solid black; padding-bottom: 5px;">List What's New</div> <table style="width: 100%; border-collapse: collapse; border-top: 1px solid black;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 15%;">Delete</th> <th style="width: 35%;">Title</th> <th style="width: 20%;">Publication Start Date</th> <th style="width: 20%;">Publication End Date</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Title 1</td> <td>2003-06-15</td> <td>2003-06-30</td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Title 2</td> <td>2003-06-14</td> <td>2003-06-28</td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Title 3</td> <td>2003-06-30</td> <td>2003-07-09</td> </tr> <tr> <td></td> <td style="text-align: center;"><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: center; 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

Link/Button	Destination Page/Corresponding Action
Search button	Search/List What's New (displays the new titles matching the search criteria)
Reset button	Search/List What's New
Add button	Add What's New
Title link	Modify What's New
Delete button	Search/List What's New (deletes the selected titles from the database)
Left Navigation links	Display the corresponding pages
Logout link	Login

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	the Search/List What's New page.
Post-Conditions	The specified criteria have been searched and listed on the Search/List What's New page.
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

Item	Description	
Priority	High	
Description	To delete titles in the system.	
Trigger	When the Search button on the Search/List What's New page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	<ul style="list-style-type: none"> - There is at least one row in the List What's New page 	
Business Rules	<ul style="list-style-type: none"> - Titles can be deleted only by the admin. - Titles should be listed on the page. 	
Open Issues	None at this time.	
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 concludes when page refreshes and does not display the deleted titles.</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>
Post-Conditions	The selected titles are deleted from the system.	
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 Product Management Collection Management Effort/Promotion Code Management Offer Management Customer Management 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: 80px;" type="text" value="Aones h"/> <input type="button" value="Browse"/></p> <p style="text-align: center;"><input type="button" value="Back"/> <input type="button" value="Save"/></p>
--	---

4.2.3.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List What's New
Save button	Search/List What's New (adds the new titles to the database)
Browse button	Choose File
Left Navigation links	Display the corresponding pages
Logout link	Login

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4.2.3.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Title	Text box	Text	32	-	-	-	New Products
Description	Text box	Text	120	-	-	-	-
Image (i-mode)	Text box	Text	16	-	-	-	Product Image
Image (j-phone)	Text box	Text	16	-	-	-	Product Image
Image (WAP)	Text box	Text	16	-	-	-	Product Image
<u>Brand logo</u>	<u>Drop down</u>	<u>Text</u>					<u>Agnes b.</u> <u>Michel Klein</u>
Publication Start Date							
YYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25
Publication End Date							
YYY	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
MM	Drop-down	Number	2 (MM)	Month	01-12	MM	06
DD	Drop-down	Number	2 (DD)	Date	01-31	DD	25

4.2.3.4 Use Cases

4.2.3.4.1 Add What's New

Item	Description
Priority	High
Description	To add a title in the system.
Trigger	When the Add button on the Search/List What's New page is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	High
Impact of Failure	High
Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
Pre-Conditions	None at this time.
Business Rules	- Titles can only be added by the admin. <u>- The publication start date indicates the date on which the news article is displayed on the User site.</u>

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	<p><u>- The publication end date indicates the date on which the news article is removed from the User site.</u></p> <p>- An image has to be uploaded for the title.</p>	
Open Issues	None at this time.	
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>
Post-Conditions	The system adds the title to the database and displays the Search/List What's New page.	
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

Item	Description	
Priority	High	
Description	To modify an existing title.	
Trigger	When the Title link on the Search/List What's New page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<p>- Both the server and the browser are running.</p> <p>- The admin has successfully logged into the system.</p>	
Pre-Conditions	- At least one title is existing in the system	
Business Rules	<p>- Titles can only be modified by the admin.</p> <p><u>- The publication start date indicates the date on which the news article is displayed on the User site.</u></p> <p><u>- The publication end date indicates the date on which the news article is removed from the User site.</u></p>	
Open Issues	None at this time.	
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</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>

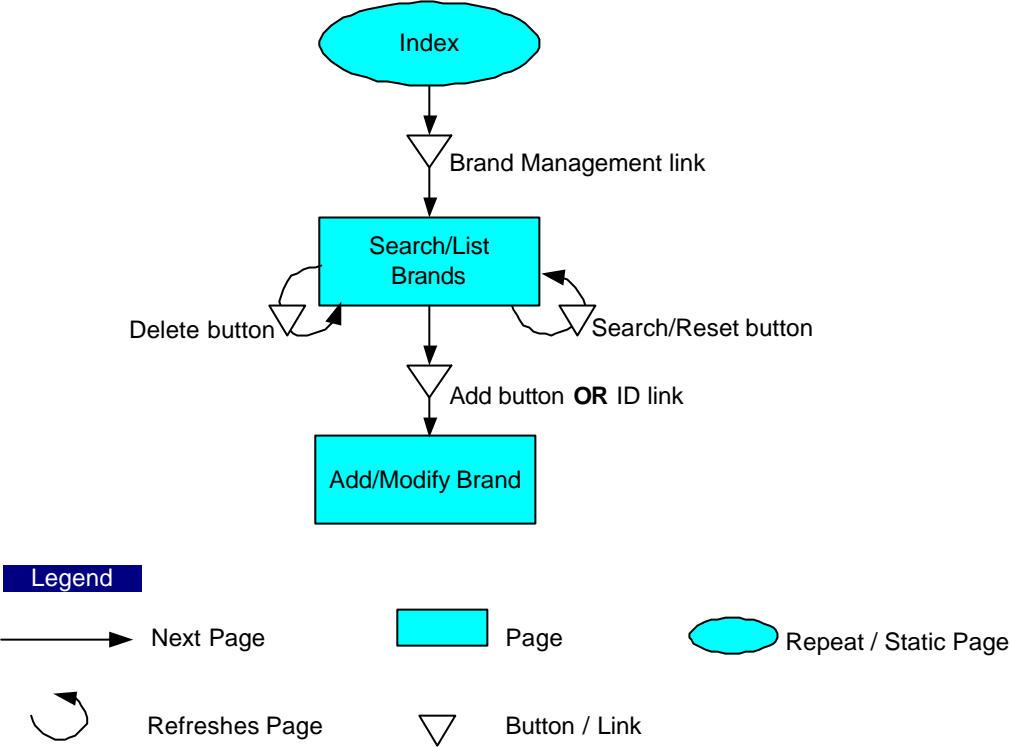
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
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	when the changes made to the title are saved and the Search/List What's New page is displayed.	
Post-Conditions	The system modifies the title and displays the Search/List What's New page.	
Alternate 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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.3 BRAND MANAGEMENT

4.3.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

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

Search/List Brands

[What's New](#)
[Brand Management](#)
[Product Management](#)
[Collection Management](#)
[Effort/Promotion Code Management](#)
[Offer Management](#)
[Customer Management](#)
[Logout](#)

No.
Brand Name

List Brands

Delete	ID	No.	Brand Name
<input type="checkbox"/>	14	0	Gift
<input type="checkbox"/>	2	2	Maniatis
<input type="checkbox"/>	3	3	Michel Klein
<input type="checkbox"/>	4	4	Tan Giudicelli
<input type="checkbox"/>	0	9	sets

4.3.2.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Search/List Brands (displays brands matching the search criteria)
Reset button	Search/List Brands (resets the fields to their original values)
Add button	Add Brand
ID link	Modify Brand
Delete button	Search/List Brands (deletes the selected brand from the database)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.3.2.3 User Interface Specifications

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

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.3.2.4 Use Cases

4.3.2.4.1 Search/List Brands

Item	Description	
Priority	High	
Description	To search brands in the system and display the results of the search.	
Trigger	When the Brand Management link on the Navigation bar is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Brands can be searched only by the admin. - No. and Brand Name fields are pattern match (starting with) 	
Open Issues	None at this time.	
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>
Post-Conditions	The specified criteria have been searched and listed on the Search/List Brands page.	
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

Item	Description
Priority	High
Description	To delete brands in the system.
Trigger	When the Search button on the Search/List Brands page is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	Medium
Impact of Failure	High
Invariants	<ul style="list-style-type: none"> - 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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Pre-Conditions	<ul style="list-style-type: none"> - Brands can be deleted only by the admin. - Brands should be listed on the page. 		
Business Rules	A brand cannot be deleted if there are existing products for it.		
Open Issues	None at this time		
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>	
Post-Conditions	The selected brands are deleted from the system.		
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

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

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Brands
Save button	Search/List Brands (adds the brand to the database)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.3.3.3 User Interface Specifications

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

4.3.3.4 Use Cases

4.3.3.4.1 Add Brand

Item	Description
Priority	High
Description	To add a brand in the system.
Trigger	When the Add button on the Search/List Brands page is clicked.
Actors	Admin

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Brands can only be added by the admin. 	
Open Issues	None at this time.	
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>
Post-Conditions	The system adds the brand to the database and displays the Search/List Brands page.	
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

Item	Description	
Priority	High	
Description	To modify an existing brand.	
Trigger	When the ID link on the Search/List Brands page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	<ul style="list-style-type: none"> - At least one brand exists in the system. 	
Business Rules	<ul style="list-style-type: none"> - Brands can only be modified by the admin. 	
Open Issues	None at this time.	
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</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the brand and display the Search/List Brands page.</p>

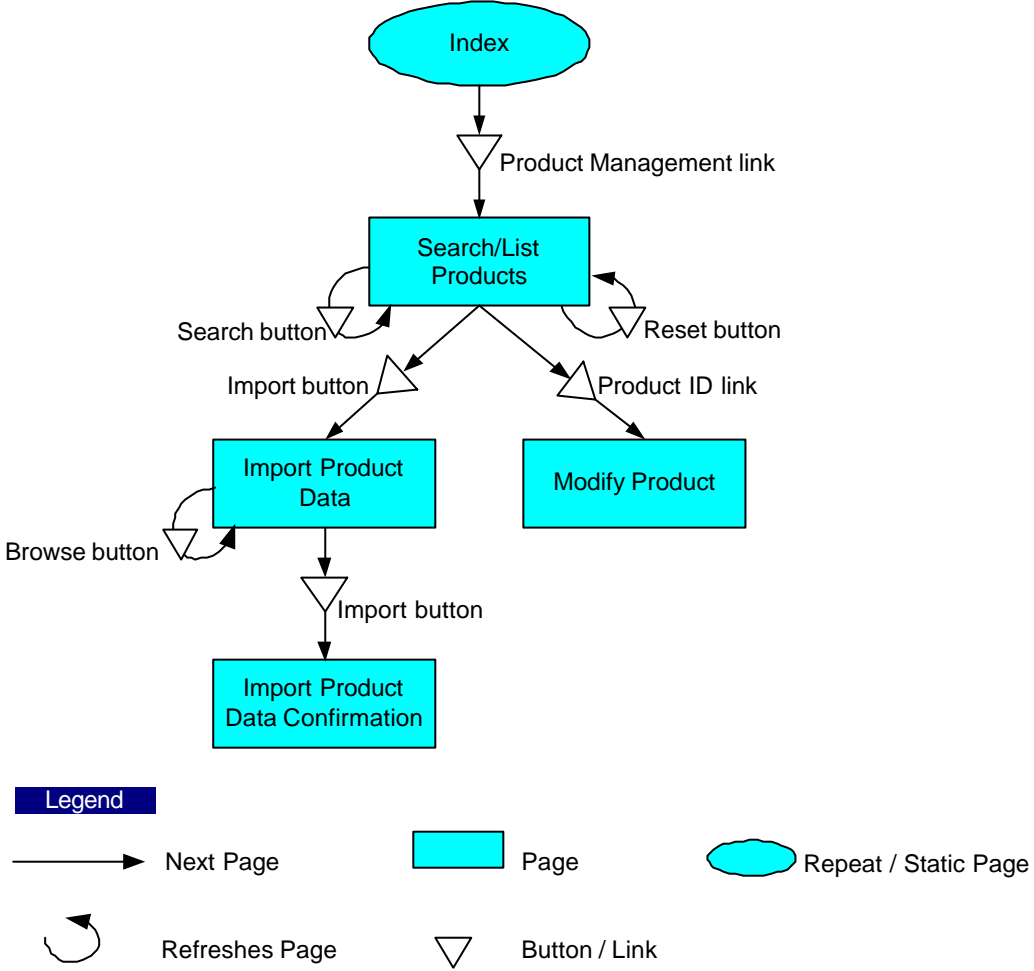
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

	when the changes made to the brand are saved and the Search/List Brands page is displayed.	
Post-Conditions	The system modifies the brand and displays the Search/List Brands page.	
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.4 PRODUCT MANAGEMENT

4.4.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.4.2 Search/List Products

This page allows the admin to search for existing products.

4.4.2.1 Screen Sample

Search/List Products

[What's New](#)

[Brand Management](#)

[Product Management](#)

[Collection Management](#)

[Effort/Promotion Code Management](#)

[Offer Management](#)

[Customer Management](#)

[Logout](#)

Product ID

Color Code

Price

Product Name

Color

Brand Code

List Products

Product ID	Color Code	Product Name	Color	Price	Brand Code
271130	1	Duo Eyeshadow	3500	60000	6
380527	2	Incredible Touch	1800	60000	6
400127	3	Pur Express	25000	76000	7
400242	4	Super Gloss Pulp	1800	89005	8

4.4.2.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Search/List Products (displays the products matching the search criteria)
Reset button	Search/List Products
Import button	Import Product Data
Product ID link	Modify Product
Left Navigation links	Display the corresponding pages
Logout link	Login

4.4.2.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Product ID	Text box	Numeric	10	-	-	-	271130
Color Code	Text box	Numeric	10	-	-	-	2
Price	Text box	Numeric	10	-	-	-	60000
Product Name	Text box	Text	32	-	-	-	Incredible Touch
<u>Color</u>	<u>Text box</u>	<u>Text</u>	<u>32</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>Blue ocean</u>
Brand Code	Text box	Numeric	10	-	-	-	6

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.4.2.4 Use Cases

4.4.2.4.1 Search/List Products

Item	Description	
Priority	High	
Description	To search products in the system and display the results of the search.	
Trigger	When the Product Management link on the Navigation bar is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	High	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Products can be searched only by the admin. - Color and Product Name fields are pattern match (starting with) - Product ID, Color Code, Brand Code and Price fields are exact match. 	
Open Issues	There is no grouping by Families here as the data that will be imported from the mainframe is not known. If that data supports families, then these will be added at a later stage.	
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>
Post-Conditions	The specified criteria have been searched and listed on the Search/List Products page.	
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.4.3 Modify Product

This page displays the product data (from the mainframe) and allows the admin to upload an image for the product and enter the product description.

4.4.3.1 Screen Sample

4.4.3.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Products
Save button	Search/List Products (updates the product details in the database)
Browse button	Choose File
Left Navigation links	Display the corresponding pages
Logout link	Login

4.4.3.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Image	Text box	Text	32	-	-	-	Image
Description	Text box	Text	32	-	-	-	
Gift	Check box	True/False	-	-	-	False	Unchecked

4.4.3.4 Use Cases

4.4.3.4.1 Modify Product

Item	Description
Priority	High

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Description	To modify an existing product.	
Trigger	When the Product ID link on the Search/List Products page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Products can only be modified by the admin. - Only the Image and Description fields can be modified by the admin. The other fields are read-only. - The gift check box indicates if the product can be offered as a gift. All products selected as gifts are displayed in the list of products for Style 1 (offer management) 	
Open Issues	None at this time.	
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>
Post-Conditions	The system modifies the product and displays the Search/List Products page.	
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.4.4 Import Product Data

This page allows the admin to import product data from the mainframe. Shouldn't it be automatic?

4.4.4.1 Screen Sample

4.4.4.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Products
Import button	Import Product Data Confirmation (imports data from the specified file)
Browse button	Choose File
Left Navigation links	Display the corresponding pages
Logout link	Login

4.4.4.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
File	Text box	Text	32	-	-	-	

4.4.4.4 Use Cases

4.4.4.4.1 Import Product Data

Item	Description
Priority	High
Description	To import product data from the mainframe

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

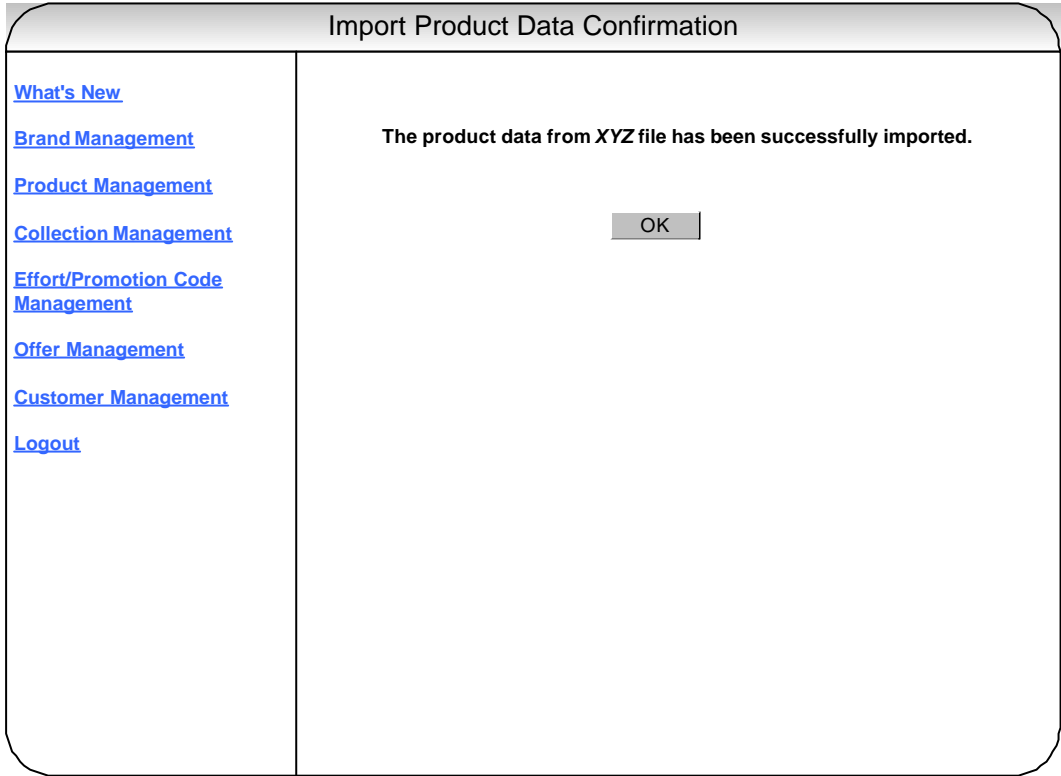
Trigger	When the Import button on the Search/List Products page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	High	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	None at this time.	
Open Issues	<ul style="list-style-type: none"> - The format of the product data is yet to be decided. The field order etc. has to be confirmed. - The field list in the import file also determines the kind of functionality and the screen layout of the Product management screens. - Please refer to the IRS document for details of the product import formats in the future. 	
Successful Course of Events	Actor Action	System Response
	<p>Step 1: Enter the file name and location and click the Import button.</p> <p>Step 4: This use case is concluded when the product data is imported in to the system and the Import Product Data Confirmation page is displayed.</p>	<p>Step 2: Validate the name and location of the file.</p> <p>Step 3: Import the data from the specified file.</p>
Post-Conditions	The Import Product Data Confirmation page is displayed.	
Alternate Courses	Step 2: If the file name and location are not valid, send a notification/message requesting entry of valid name and location.	

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.4.5 Import Product Data Confirmation

This page confirms that the product data has been successfully imported.

4.4.5.1 Screen Sample



4.4.5.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
OK button	Search/List Products
Left Navigation links	Display the corresponding pages
Logout link	Login

4.4.5.3 User Interface Specifications

N/A

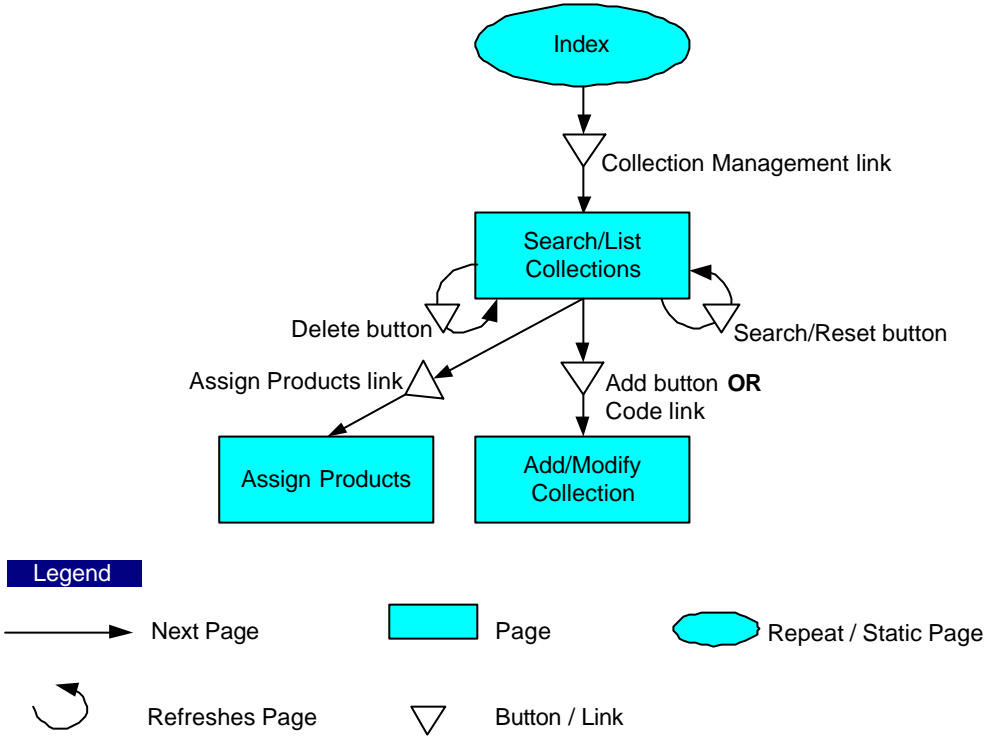
4.4.5.4 Use Cases

N/A

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.5 COLLECTION MANAGEMENT

4.5.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.5.2 Search/List Collections

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

4.5.2.1 Screen Sample

Search/List Collections

[What's New](#)
[Brand Management](#)
[Product Management](#)
[Collection Management](#)
[Effort/Promotion Code Management](#)
[Offer Management](#)
[Customer Management](#)
[Logout](#)

Code
Collection Name

List Collections

Delete	Code	Collection Name	
<input type="checkbox"/>	01	Collection 1	Assign Products
<input type="checkbox"/>	02	Collection 2	Assign Products
<input type="checkbox"/>	04	Collection 3	Assign Products
<input type="checkbox"/>	08	Collection 4	Assign Products

4.5.2.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Search/List Collections (displays the collections matching the search criteria)
Reset button	Search/List Collections
Add button	Add Collection
Code Name link	Modify Collection
Delete button	Search/List Collections (deletes the selected collections from the database)
Assign Products link	Assign Products
Left Navigation links	Display the corresponding pages
Logout link	Login

4.5.2.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Code	Text box	Numeric	10	-	-	-	01
Collection Name	Text box	Text	-	-	-	-	Collection 1
Delete	Check box	True/False	-	-	-	True	Unchecked

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.5.2.4 Use Cases

4.5.2.4.1 Search/List Collections

Item	Description	
Priority	High	
Description	To search collections in the system and display the results of the search.	
Trigger	When the Collections Management link on the Navigation bar is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	High	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Collections can be searched only by the admin. - Code field is exact match. - Collection Name field is pattern match (starting with). 	
Open Issues	None at this time.	
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 Collections page.</p>	<p>Step 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Collections page.</p>
Post-Conditions	The specified criteria have been searched and listed on the Search/List Collections page.	
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 Collection

Item	Description
Priority	High
Description	To delete collections in the system.
Trigger	When the Search button on the Search/List Collections page is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	Medium
Impact of Failure	High
Invariants	- Both the server and the browser are running.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

	- The admin has successfully logged into the system.	
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 	
Business Rules	<ul style="list-style-type: none"> - 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. 	
Open Issues	None at this time.	
Successful Course of Events	Actor Action	System Response
	<p>Step 1: Select the collections 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 collections.</p>	<p>Step 2: Check if at least one collection is selected.</p> <p>Step 3: Refresh the page and display the remaining collections.</p>
Post-Conditions	The selected collections are deleted from the system.	
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.5.3 Add/Modify Collection

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

4.5.3.1 Screen Sample

Add/Modify Collection

What's New Brand Management Product Management Collection Management Effort/Promotion Code Management Offer Management Customer Management Logout	<div style="margin-bottom: 10px;">Code <input style="width: 100%;" type="text"/></div> <div style="margin-bottom: 10px;">Collection Name <input style="width: 100%;" type="text"/></div> <div style="margin-bottom: 10px;">Effort Code 001</div> <div style="margin-bottom: 10px;">Promotion Code 617, 618</div> <div style="text-align: center; margin-bottom: 10px;">List Assigned Products</div> <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; width: 15%;">Unassign</th> <th style="text-align: left;">Product Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Duo Eyeshadow</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Incredible Touch</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Pur Express</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Super Gloss Pulp</td> </tr> </tbody> </table> <div style="text-align: center; margin-bottom: 10px;"><input type="button" value="Update"/></div> <div style="text-align: center;"> <input type="button" value="Back"/> <input type="button" value="Save"/> </div>	Unassign	Product Name	<input type="checkbox"/>	Duo Eyeshadow	<input type="checkbox"/>	Incredible Touch	<input type="checkbox"/>	Pur Express	<input type="checkbox"/>	Super Gloss Pulp
Unassign	Product Name										
<input type="checkbox"/>	Duo Eyeshadow										
<input type="checkbox"/>	Incredible Touch										
<input type="checkbox"/>	Pur Express										
<input type="checkbox"/>	Super Gloss Pulp										

4.5.3.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Collections
Save button	Search/List Collections (updates the database)
Update button	Add/Modify Collection (removes the selected products from the collection)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.5.3.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Code	Text box	Numeric	10	-	-	-	10
Collection Name	Text box	Text	32	-	-	-	Collection 2
Unassigned	Check box	True/False	-	-	-	False	Unchecked

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.5.3.4 Use Cases

4.5.3.4.1 Add Collection

Item	Description	
Priority	High	
Description	To add a collection in the system.	
Trigger	When the Add button on the Search/List Collections page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
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 - The Effort and Promotion codes cannot be added from this interface, they are display only and relevant only for the Modify Collection page. These codes are added on the Add/Modify Offer page and indicate which promotions are associated with the collection. 	
Open Issues	None at this time.	
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>
Post-Conditions	The system adds the collection to the database and displays the Search/List Collections page.	
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 Collection

Item	Description
Priority	High
Description	To modify an existing collection.
Trigger	When the Code link on the Search/List Collections page is clicked.
Actors	Admin

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Collections can only be modified by the admin. - The promotion and effort codes assigned to the collection are displayed in the modify mode. - Products assigned to the collection are listed. The admin can unassign the products if required. 	
Open Issues	None at this time.	
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>
Post-Conditions	The system modifies the collection and displays the Search/List Collections page.	
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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Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.5.4 Assign Products

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

4.5.4.1 Screen Sample

Assign Products

[What's New](#)

[Brand Management](#)

[Product Management](#)

[Collection Management](#)

[Effort/Promotion Code Management](#)

[Offer Management](#)

[Customer Management](#)

[Logout](#)

Collection Name: Collection 1 Color code

Product code Product Name

List Products

Assign	Product Name	Brand Name
<input type="checkbox"/>	Aqua-Jelly Fix	Maniatis
<input type="checkbox"/>	Extra Shine Spray	Maniatis
<input type="checkbox"/>	Pur Express	Maniatis
<input type="checkbox"/>	Styling Milk	Maniatis

4.5.4.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Assign Products (displays the products matching the search criteria)
Reset button	Assign Products
Back button	Search/List Collections
Update button	Assign Products (assigns the selected products to the collection)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.5.4.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Product code	Text	Numeric	32	=			809411
Color code	Text	Numeric	32	=	=	=	1
Assign	Check box	True/False	-	-	-	True	Unchecked

4.5.4.4 Use Cases

4.5.4.4.1 Assign Products

Item	Description
------	-------------

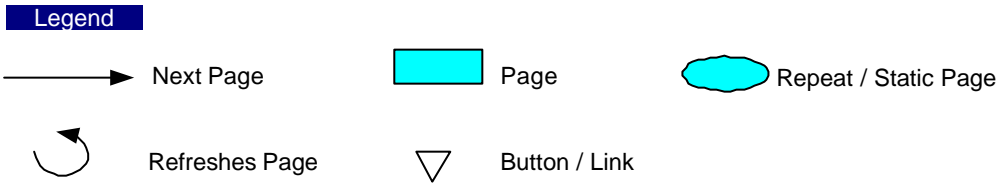
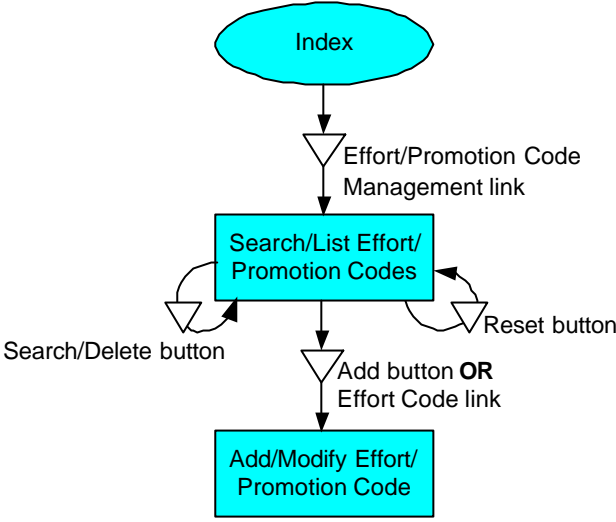
Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Priority	High	
Description	To assign products to a collection.	
Trigger	When the Assign Products link on the Search/List Collections page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> The system automatically displays the name of the collection. - Products can only be assigned to collections by the admin. 	
Open Issues	Products are only assigned according to the brand. Families have not been considered as this classification is dependent on the data that is obtained from the mainframe.	
Successful Course of Events	Actor Action	System Response
	<p>Step 1: Enter the search criteria and click the Search button.</p> <p>Step 4: Check the Assign check box next to the appropriate products and click the Update button.</p> <p>Step 7: This use case concludes when the products are assigned to the collection and the Assign products page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Display the corresponding products on the Assign Products page.</p> <p>Step 5: Check if at least one product is selected.</p> <p>Step 6: Assign the product to the collection and refresh the page.</p>
Post-Conditions	The system assigns products to the collection and displays the Assign Products page.	
Alternate Courses	<p>Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.</p> <p>Step 5: If a valid selection is not made send a notification/message requesting valid selection.</p>	

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
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4.6 EFFORT/PROMOTION CODE MANAGEMENT

4.6.1 Page Flow



Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.6.2 Search/List Effort/Promotion Codes

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

4.6.2.1 Screen Sample

Search/ List Effort/Promotion Codes

[What's New](#)

[Brand Management](#)

[Product Management](#)

[Collection Management](#)

[Effort/Promotion Code Management](#)

[Offer Management](#)

[Customer Management](#)

[Logout](#)

Effort Code
Promotion Code

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

4.6.2.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Search/List Effort/Promotion Codes (displays the effort codes matching the search criteria)
Reset button	Search/List Effort/Promotion Codes
Add button	Add Effort/Promotion Code
Effort Code link	Modify Effort/Promotion Code
Delete button	Search/List Effort/Promotion Codes (deletes the selected effort/promotion codes from the database)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.6.2.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Effort Code	Text box	Numeric	2	-	-	-	10
Promotion Code	Text box	Numeric	3	-	-	-	023
Delete	Check box	True/False	-	-	-	True	Unchecked

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.6.2.4 Use Cases

4.6.2.4.1 Search/List Effort/Promotion Codes

Item	Description	
Priority	High	
Description	To search effort/promotion codes in the system and display the results of the search.	
Trigger	When the Effort/Promotion Code Management link on the Navigation bar is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	High	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
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. 	
Open Issues	None at this time	
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>
Post-Conditions	The specified criteria have been searched and listed on the Search/List Effort/Promotion Codes page.	
Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message requesting entry of valid search criteria.	

4.6.2.4.2 Delete Effort/Promotion Codes

Item	Description
Priority	High
Description	To delete effort/promotion codes in the system.
Trigger	When the Search button on the Search/List Effort/Promotion Codes page is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	Medium

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
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Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
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. 	
Open Issues	None at this time.	
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>
Post-Conditions	The selected effort codes are deleted from the system.	
Alternate Courses	Step 2: If a valid selection is not made send a notification/message requesting valid selection.	

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4.6.3 Add/Modify Effort/Promotion Code

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

4.6.3.1 Screen Sample

4.6.3.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Effort/Promotion Codes
Save button	Search/List Effort/Promotion Codes (adds the effort code to the database)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.6.3.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
<u>Effort Code</u>	<u>Text box</u>	<u>Numeric</u>	<u>2</u>	=	=	=	<u>10</u>
Promotion Code	Text box	Numeric	3	-	-	-	023

4.6.3.4 Use Cases

4.6.3.4.1 Add Effort/Promotion Code

Item	Description
Priority	High
Description	To add an effort/promotion code in the system.

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Trigger	When the Add button on the Search/List Effort/Promotion Codes page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	- Effort codes can only be added by the admin.	
Open Issues	None at this time.	
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>
Post-Conditions	The system adds the effort code to the database and displays the Search/List Effort/Promotion Codes page.	
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.	

4.6.3.4.2 Modify Effort/Promotion Code

Item	Description	
Priority	High	
Description	To modify an existing effort/promotion code.	
Trigger	When the Effort Code link on the Search/List Effort/Promotion Codes page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	- Effort codes can only be modified by the admin.	
Open Issues	None at this time.	
Successful Course of Events	Actor Action	System Response
	Step 1: Modify the required details	

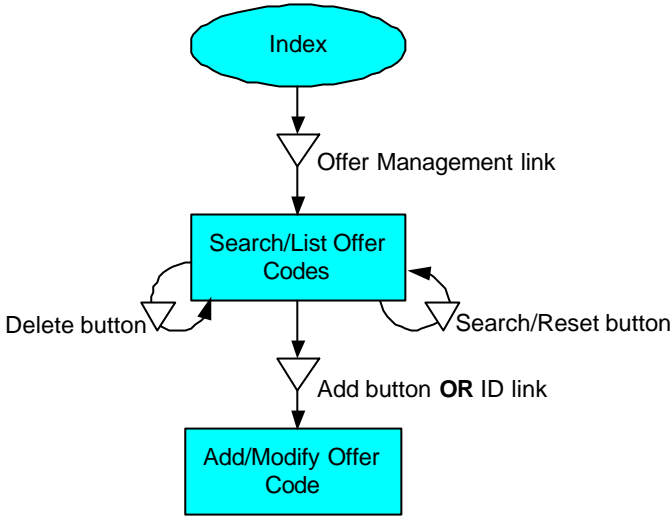
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
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	<p>and click the Save button.</p> <p>Step 4: This use case concludes when the changes made to the effort code are saved and the Search/List Effort/Promotion Codes page is displayed.</p>	<p>Step 2: Validate the details entered.</p> <p>Step 3: Modify the effort code and display the Search/List Effort/Promotion Codes page.</p>
Post-Conditions	The system modifies the effort/promotion code and displays the Search/List Effort /Promotion Codes page.	
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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4.7 OFFER MANAGEMENT

4.7.1 Page Flow



Legend

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

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4.7.2 Search/List Offer Codes

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

4.7.2.1 Screen Sample

Search/List Offer Codes

What's New Brand Management Product Management Collection Management Effort/Promotion Code Management Offer Management Customer Management Logout	<table border="0" style="width: 100%;"> <tr> <td>ID</td> <td><input type="text"/></td> <td>Effort Code</td> <td><input type="text" value="1"/></td> </tr> <tr> <td>Start Year</td> <td><input type="text" value="YYYY"/></td> <td>Start Week</td> <td><input type="text" value="1"/></td> </tr> <tr> <td>End Year</td> <td><input type="text" value="YYYY"/></td> <td>End Week</td> <td><input type="text" value="2"/></td> </tr> <tr> <td>Promotion Code</td> <td><input type="text"/></td> <td>Style</td> <td><input type="text"/></td> </tr> </table> <p style="text-align: center;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Add"/> </p>	ID	<input type="text"/>	Effort Code	<input type="text" value="1"/>	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"/>	Promotion Code	<input type="text"/>	Style	<input type="text"/>
ID	<input type="text"/>	Effort Code	<input type="text" value="1"/>														
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"/>														
Promotion Code	<input type="text"/>	Style	<input type="text"/>														

List Offer Codes

Delete	ID	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

Search/List Offer Codes

Count	Total Price	Discount Price	Discount Rate	Brand Code	Color Code	Product Price

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Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.7.2.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Search/List Offer Codes (displays the offer codes matching the search criteria)
Reset button	Search/List Offer Codes
Add button	Add Offer Code
ID link	Modify Offer Code
Delete button	Search/List Offer Codes (deletes the selected offer codes from the database)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.7.2.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
ID	Text box	Text	32	-	-	-	Admin
Start Year	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
Start Week	Drop-down	Number	2	Week	1-52	1	6
End Year	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
End Week	Drop-down	Number	2	Week	1-52	1	6
Effort Code	Drop-down	Numeric	10	-	List from database	Select	17
Promotion Code	Drop-down	Numeric	10	-	List from database	Select	160
Style	Drop-down	Numeric	10	-	List from database	Select	1
Delete	Check box	True/False	-	-	-	True	Unchecked

4.7.2.4 Use Cases

4.7.2.4.1 Search/List Offer Codes

Item	Description
Priority	High
Description	To search offer codes in the system and display the results of the search.
Trigger	When the Offer Management link on the Navigation bar is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	High
Impact of Failure	High
Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Offer codes can be searched only by the admin. - ID 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. 	
Open Issues	None at this time.	
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>
Post-Conditions	The specified criteria have been searched and listed on the Search/List Offer Codes page.	
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 Offer Codes

Item	Description	
Priority	High	
Description	To delete offer codes in the system.	
Trigger	When the Search button on the Search/List Offer Codes page is clicked.	
Actors	Admin	
Risk Factors		
Frequency of Occurrence	Medium	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	- Offer codes should be listed on the page.	
Business Rules	<ul style="list-style-type: none"> - Offer codes can be deleted only by the admin. - Offers cannot be deleted if there are orders placed based on these offers. 	
Open Issues	None at this time.	
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>

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	Step 4: This use case concludes when the page refreshes and does not display the deleted offer codes.	
Post-Conditions	The selected offer codes are deleted from the system.	
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.7.3 Add/Modify Offer Code

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

4.7.3.1 Screen Sample

Add/Modify Offer Code

[What's New](#)
[Brand Management](#)
[Product Management](#)
[Collection Management](#)
[Effort/Promotion Code Management](#)
[Offer Management](#)
[Customer Management](#)
[Logout](#)

Effort Code	<input type="text"/>	Start Year	<input type="text" value="YYYY"/>	Start Week	<input type="text" value="1"/>
Promotion Code	<input type="text"/>	End Year	<input type="text" value="YYYY"/>	End Week	<input type="text" value="2"/>
Collection	<input type="text"/>	Description			
Product	<input type="text"/>				

Assign	Style	Description	Value
<input type="checkbox"/>	1	Free Gift based on Description E.g.: Customers, buying a product will get a skin-care product (X) as a gift.	<input type="text"/> <div style="border: 1px solid black; padding: 2px; width: 100px; margin-top: 2px;"> Product 1 Product 2 Product 3 Product 4 </div>
<input type="checkbox"/>	2	Number of Products E.g.: Customers having points tally in excess of xxx points get a skin-care product (X) as a gift.	<input type="text"/> Points & Above
<input type="checkbox"/>	3	Total Price E.g.: Customers making purchases exceeding Yenxxx get XXX as a gift.	<input type="text"/> Yen & Above

Note:

- There are 10 predefined styles that can be assigned to an offer code. Only 3 styles have been shown in the screen sample. The other 7 styles have been described below.

STYLE	DESCRIPTION
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. <u>And the target of the reduction (product, collection, brand)</u>
Style 6	Skin Care product free on purchase of any product. <u>This sets a field where the customer can enter the gift she chooses between several choices (the field has to be 9 digits long)</u>
Style 7	<u>Customers who buy can buy certain specified products at a discounted price.</u> <u>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)</u>
Style 8	Customers who purchase products worth more than **** Yen get a discount of **** Yen. <u>Or XXX or more products in her order....</u> 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. <u>Crossed price</u>

CONFIDENTIAL

Customer Name Withheld Mobile Web Site (Admin) FRS

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Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Style 10	Customers who purchase products worth more than ***** Yen get a discount of ***** % . <u>Or XXXX or more products in her order...</u> The admin has to enter the ***** Yen and above value and the ***** % off value.
-----------------	--

4.7.3.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Offer Codes
Save button	Search/List Offer Codes (updates the database)
Update button	Add/Modify Offer Code (assigns the selected style to the offer code)
Left Navigation links	Display the corresponding pages
Logout link	Login

4.7.3.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Effort Code	Drop-down	Numeric	32	-	-	-	160
Promotion Code	Drop-down	Numeric	3	-	-	-	023
Collection	Drop-down	Text	64	-	-	-	Collection 1
Product	Drop-down	Text	64	-	-	-	Product 1
Description	Text area	Text	255	-	-	-	
Start Year	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
Start Week	Drop-down	Number	2	Week	1-52	1	6
End Year	Drop-down	Number	4 (YYYY)	Year	2003 - 2010	YYYY	2003
End Week	Drop-down	Number	2	Week	1-52	1	6
Assign	Check box	True/False	-	-	-	True	Unchecked
Value	Text box	Numeric	16	-	-	-	10,000

4.7.3.4 Use Cases

4.7.3.4.1 Add Offer Code

Item	Description
Priority	High
Description	To add an offer code in the system.
Trigger	When the Add button on the Search/List Offer Codes page is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	High
Impact of Failure	High
Invariants	- Both the server and the browser are running.

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	- The admin has successfully logged into the system.	
Pre-Conditions	None at this time.	
Business Rules	<ul style="list-style-type: none"> - Offer codes can only be added by the admin. - The admin can assign only one style for an offer code. - The fields for a style get enabled only if that style is selected by the admin. - Offer codes have to be assigned to a collection. They can also be assigned to a product within the collection. 	
Open Issues	Will the offer codes be manually entered in to the system or will they imported on a regular basis from the mainframe?	
Successful Course of Events	Actor Action	System Response
	<p>Step 1: Enter mandatory and valid details, select the style (enter the style 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 offer code to the system and display the Search/List Offer Codes page.</p>
Post-Conditions	The system adds the offer code to the database and displays the Search/List Offer Codes page.	
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 Offer Code

Item	Description
Priority	High
Description	To modify an existing offer code.
Trigger	When the ID link on the Search/List Offer Codes page is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	Medium
Impact of Failure	High
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system.
Pre-Conditions	None at this time.
Business Rules	<ul style="list-style-type: none"> - Offer codes can only be modified by the admin. - The admin can assign only one style for an offer code. - The fields for a style get enabled only if that style is selected by the admin. - Offer codes have to be assigned to a collection. They can also be assigned to a product within the collection.

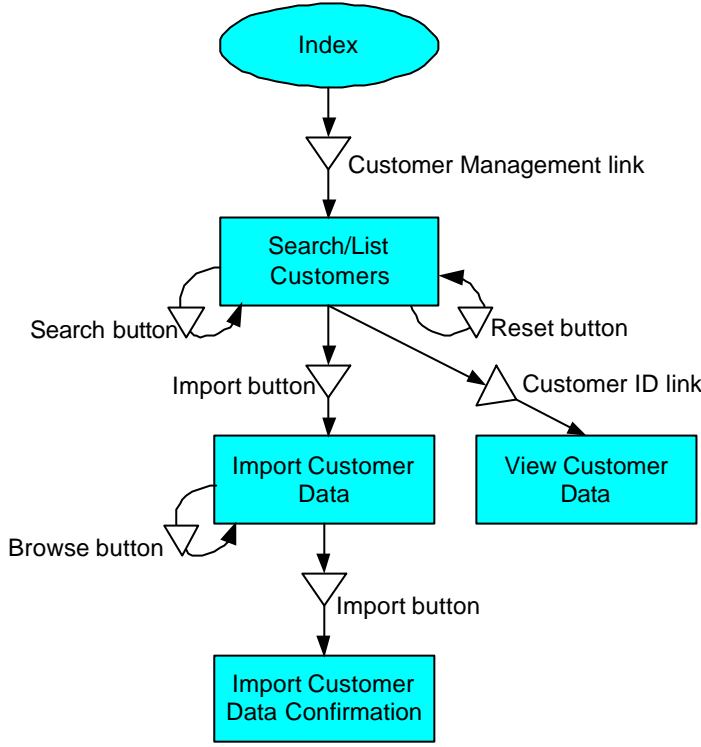
<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

Open Issues	None at this time.	
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>
Post-Conditions	The system modifies the offer code and displays the Search/List Offer Codes page.	
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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.8 CUSTOMER MANAGEMENT

4.8.1 Page Flow



Legend

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

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.8.2 Search/List Customers

This page allows the admin to search for customers.

4.8.2.1 Screen Sample

Search/List Customers

What's New Brand Management Product Management Collection Management Effort/Promotion Code Management Offer Management Customer Management Logout	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Customer ID <input type="text"/></td> <td style="width: 50%;">Name <input type="text"/></td> </tr> <tr> <td>Phone <input type="text"/></td> <td>Japanese Name <input type="text"/></td> </tr> <tr> <td>Email address <input type="text"/></td> <td style="text-align: right;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Import"/> </td> </tr> </table>	Customer ID <input type="text"/>	Name <input type="text"/>	Phone <input type="text"/>	Japanese Name <input type="text"/>	Email address <input type="text"/>	<input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Import"/>
Customer ID <input type="text"/>	Name <input type="text"/>						
Phone <input type="text"/>	Japanese Name <input type="text"/>						
Email address <input type="text"/>	<input type="button" value="Search"/> <input type="button" value="Reset"/> <input type="button" value="Import"/>						

List Customers

Customer ID	Name	Japanese Name	Phone	Email address
14	Nishikaze Makie	西風 真紀恵	090-4263-8624	
02	Uchitoku Kaori	内徳 香里	090-4274-8564	
03	Miyagawa Aya	宮川 礼	090-4368-5627	
04	Iwahana Tomoko	岩花 朋子	090-4567-8642	

4.8.2.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Search button	Search/List Customers (displays the customers matching the search criteria)
Reset button	Search/List Customers
Import button	Import Customer Data
Customer ID link	View Customer Data
Left Navigation links	Display the corresponding pages
Logout link	Login

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.8.2.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
Customer ID	Text box	Numeric	10	-	-	-	14
Phone	Text box	Numeric	32	-	-	-	090-4263-8624
Name	Text box	Text	32	-	-	-	Nagase Hideo
Japanese Name	Text box	Text	32				
Email address	Text box	Text	64	-	-	-	Miho-512_5@docomo.ne.jp

4.8.2.4 Use Cases

4.8.2.4.1 Search/List Customers

Item	Description
Priority	High
Description	To search customers in the system and display the results of the search.
Trigger	When the Customer Management link on the Navigation bar is clicked.
Actors	Admin
Risk Factors	
Frequency of Occurrence	High
Impact of Failure	High
Invariants	- Both the server and the browser are running. - The admin has successfully logged into the system.
Pre-Conditions	None at this time.
Business Rules	- Customers can be searched only by the admin. - Name and Japanese Name fields are pattern match (starting with) - Customer ID and Phone fields are exact match.
Open Issues	None at this time.
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 2: Validate the search criteria.</p> <p>Step 3: Generate results and display them on the Search/List Customers page.</p> <p>Step 4: This use case concludes when the results are displayed on the Search/List Customers page.</p>
Post-Conditions	The specified criteria have been searched and listed on the Search/List Customers page.
Alternate Courses	Step 2: If the search criteria are not valid, send a notification/message

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

	requesting entry of valid search criteria.
--	--

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.8.3 View Customer Data

This page allows the admin to view the customer data

4.8.3.1 Screen Sample

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

4.8.3.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Customers
Left Navigation links	Display the corresponding pages
Logout link	Login

4.8.3.3 User Interface Specifications

N/A

4.8.3.4 Use Cases

N/A

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.8.4 Import Customer Data

This page allows the admin to import the customer data from the mainframe. Should not it be automatic?

4.8.4.1 Screen Sample

4.8.4.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
Back button	Search/List Customers
Import button	Import Customer Data Confirmation
Browse button	Choose File
Left Navigation links	Display the corresponding pages
Logout link	Login

4.8.4.3 User Interface Specifications

Data Element	Type	Data Type	Size & Format	Unit	Range/Enum	Initial Value	Example
File	Text box	Text	32	-	-	-	

4.8.4.4 Use Cases

4.8.4.4.1 Import Customer Data

Item	Description
Priority	High
Description	To import customer data from the mainframe
Trigger	When the Import button on the Import Customer Data page is clicked.

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

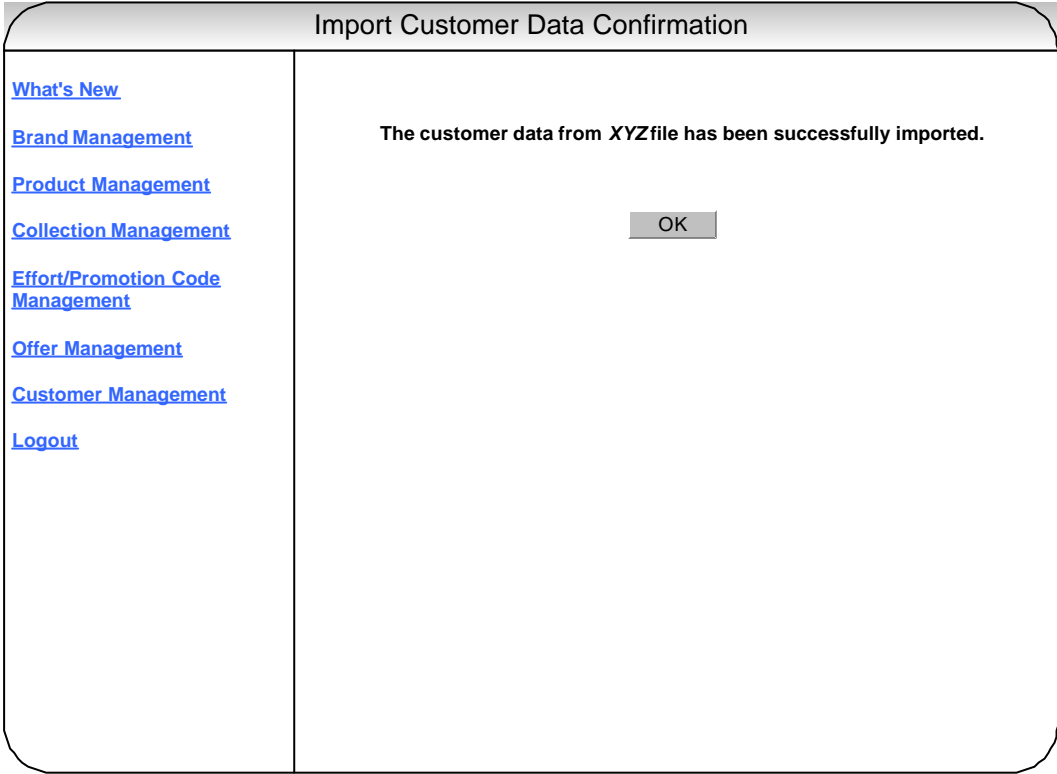
Actors	Admin	
Risk Factors		
Frequency of Occurrence	High	
Impact of Failure	High	
Invariants	<ul style="list-style-type: none"> - Both the server and the browser are running. - The admin has successfully logged into the system. 	
Pre-Conditions	None at this time.	
Business Rules	Please refer to the IRS document for the format of the import file.	
Open Issues	None at this time.	
Successful Course of Events	Actor Action	System Response
	<p>Step 1: Enter the file name and location and click the Import button.</p> <p>Step 4: This use case is concluded when the customer data is imported in to the system and the Import Customer Data Confirmation page is displayed.</p>	<p>Step 2: Validate the name and location of the file.</p> <p>Step 3: Import the data from the specified file.</p>
Post-Conditions	The Import Customer Data Confirmation page is displayed.	
Alternate Courses	Step 2: If the file name and location are not valid, send a notification/message requesting entry of valid name and location.	

Prepared by	Date	Ref	File
Your company name here	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

4.8.5 Import Customer Data Confirmation

This page confirms that the customer data has been successfully imported.

4.8.5.1 Screen Sample



4.8.5.2 Page Navigation

Link/Button	Destination Page/Corresponding Action
OK button	Search/List Customers
Left Navigation links	Display the corresponding pages
Logout link	Login

4.8.5.3 User Interface Specifications

N/A

4.8.5.4 Use Cases

N/A

<i>Prepared by</i>	<i>Date</i>	<i>Ref</i>	<i>File</i>
Your company name here	July 24, 2003	1.0	<i>Customer Name Withheld Mobile Web Site (Admin) FRS</i>

5 SOFTWARE DEVELOPMENT AGREEMENT

This Software Development Agreement is made effective from **July 24m 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: 1.0 and Dated July 24, 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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

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 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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

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.

- Is a new product and brand page required to allow entry of products from the browser? (Currently only import of products exists.)
- 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	July 24, 2003	1.0	Customer Name Withheld Mobile Web Site (Admin) FRS

9 APPENDIX D: CHANGE LOG

REF.	CHANGES UPDATED AND REASON FOR CHANGES	CHANGES MADE BY	DATE	SUBMITTED BY
1.0	Initial Release	Thomas Jenkins	July 24, 2003	[Your company name here]
<u>1.1</u>	<u>Updated comments</u>	<u>Name Withheld</u>	<u>July 26, 2003</u>	<u>Customer Name Withheld</u>