

High-Level Case Application Requirements

Case Introduction

Extreme Exploration has contracted MyCompany to add store management functionality to their existing application. The client owns a chain of retail stores in the Northern California area and is looking to expand their business by selling many of their popular products to customers through desktop application. Their existing application provides information about the company, but does not allow customers to buy products. The project will involve several phases that will eventually add all of the functionality that the client anticipates it will need in the near future. The first phase involves creating a basic storefront presence to Extreme Exploration's existing application in a short period of time to meet existing market demand.

The first phase of the store management system will provide customers with the ability to navigate the storefront through catalog browsing and process orders using a checkout process.

Requirements

General Application Requirements	
GEN-1	The application should allow user to browse for products (see catalog browsing section).
GEN-3	The application should provide shopping cart functionality to the customer (see shopping cart section).
GEN-4	The application should allow customers to be able to store account information about them (see account information section).
GEN-5	The application should allow customers to check out items from their shopping cart (see check out section).
GEN-09	The application should allow every customer to be categorized into one of the three group's viz. Newsgroup, Regular and Premium. The application should change the category of the customer depending on the business rules described in BR-01 Customer Category (2_EE_BR01_Customer_Category.doc). The application should give discounts on items for a customer on the basis of the business rules described in BR-01 Customer Category (2_EE_BR01_Customer_Category.doc).
User Interface Requirements	
USE-1	The following buttons should be available on every screen: <ul style="list-style-type: none">• Apparel (Catalog) button links to listing for all items that are apparel.• Camping Accessories (Catalog) button links to a listing of all items that are camping accessories.• Books (Catalog) button links to a listing of all outdoor- and nature-related books• Audios/Videos (Catalog) button links to a listing of all items that are outdoor- and nature-related audios and videos.• Account button links to an account administration page.• View Cart button links to a shopping cart page.
Catalog Browsing Requirements	
CAT-1	When customers click a catalog (producing a catalog listing), they should be shown a list

	of all products available in that catalog.
CAT-2	The catalog listing should include: <ul style="list-style-type: none"> • Product Name • Picture (if available) • Description • Price
CAT-3	Each Product Name should include a link to that particular product's information page.
CAT-5	Product information pages should provide the following information unless noted: <ul style="list-style-type: none"> • Name • Description • Picture (if available) • Price • Size (for apparel only) • Color (for apparel only) <p>Color, material, and size choices are only shown when applicable.</p>
CAT-10	Product Information should provide a means for customers to add an item to their cart.
CAT-11	Provide search feature for products.
Shopping Cart Requirements	
SHOP-1	The core actions of the cart should be: <ul style="list-style-type: none"> • Show contents of cart • Update the quantity of a particular item in cart • Remove item from cart • Proceed to Checkout • Continue shopping
SHOP-2	The shopping cart should show what items are currently in a customer's cart. This should include: <ul style="list-style-type: none"> • Name • Quantity • Description • Size (apparel only) • Price • Discounted price based on customer category, if applicable
SHOP-4	The total purchase cost should be shown in the cart.
Customer Account Requirements	
USER-1	Customers must establish an account and log in before they can add items to the shopping cart or before they can checkout.
USER-2	The following functionality is available on the account administration screen: <ul style="list-style-type: none"> • Request account creation • Request editing of account detail change (including password change)
USER-3	The minimum account information needed in order to create a new account is a unique logon name and password.
USER-4	When creating an account, customers are presented with an error message if they enter a logon account name that is already in use, or a confirmation message if they select a new account name.

USER-5	Once an account is created, the customer can save name, email address, shipping information and billing information to their account User category (that is, New To Group, Regular, and Premium) and discount rate applicable to purchased products based on customer category is displayed.
USER-6	Shipping and billing data is automatically pulled into the edit boxes when customers edit their account details.
Checkout / Order Placement Requirements	
CHECK-1	Upon entering the Checkout section of the application site, order details should be displayed. Once this information has been displayed, customers must confirm the order and then provide shipping and billing information.
CHECK-3	In order to checkout, customers must provide: <ul style="list-style-type: none"> • Shipping Information • Billing Information
CHECK-4	Shipping information includes: <ul style="list-style-type: none"> • Name of person to ship to (First Name and Last Name) • Address Field 1 • Address Field 2 • Address Field 3 • City, State, Zip, Country
CHECK-5	Billing Information includes: <ul style="list-style-type: none"> • Credit Card Type • Credit Card Number • Expiration Date (Month and Year) • Cardholder's First Name • Cardholder's Last Name • Billing Address Field 1 • Billing Address Field 2 • Billing Address Field 3 • City, State, Zip, Country
CHECK-8	Once all billing information has been validated and saved, an order header should be written for fulfillment. The order header includes: <ul style="list-style-type: none"> • Order ID • Customer ID • Order Date • Sub Total • Tax (always 15%) • Shipping and Handling Cost (always Rs.200) • Total Billed Amount • Shipping Address • Billing Address The Order Header will return an Order ID representing a unique key for the new order.