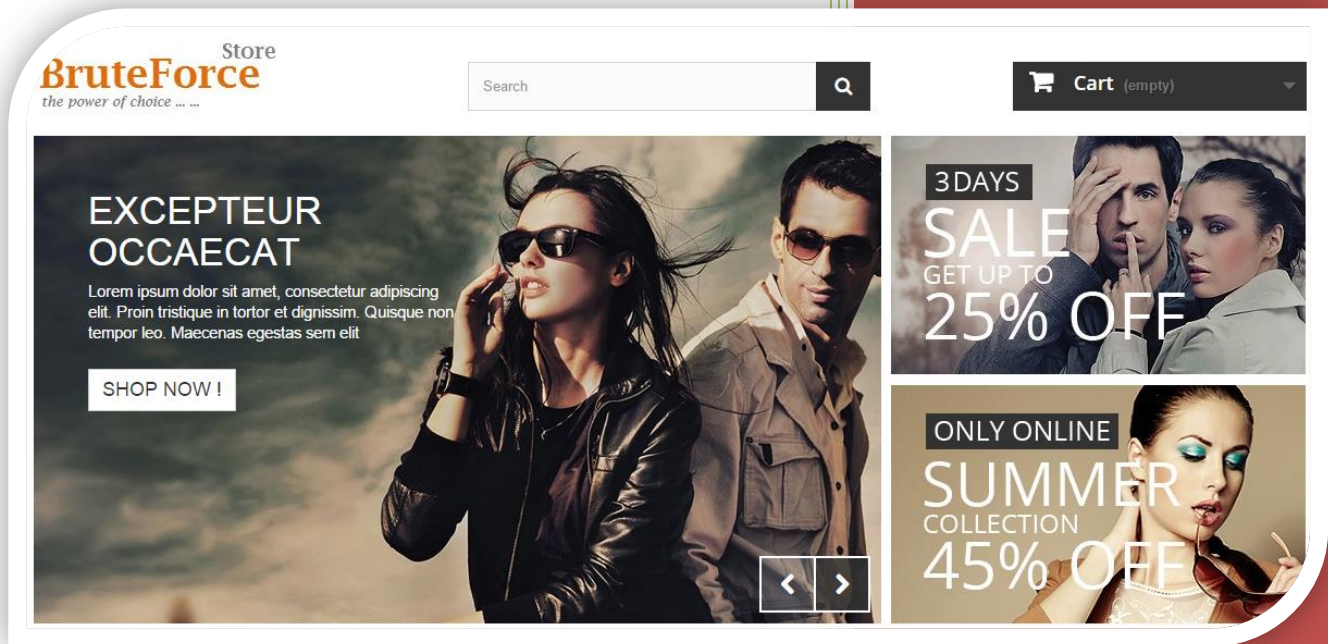


eBFS Business Requirement Document



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Business Domain: ecommerce (Electronic Commerce)
Business Process: Products Selling through Internet
Project Title: e-BFS (Business to Customer Portal)

Document History:

	Name	Role	Date
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1. Introduction

1.1. Document Purpose

BruteForce Solutions has planned to develop an ecommerce (Business to Customer) Portal as a product.

Nowadays Business Promotions and Business Transactions are done through various Channels like Retail, Whole sale etc. After Internet inception the ecommerce (buying and selling Products/services over the Internet) Concept came into the picture.

Ecommerce is a part of every Industry's Business, if it is a Product based or Service based this channel is very useful.

Ecommerce can be broken into four main categories: B2B, B2C, C2B, and C2C.



B2B (Business-to-Business)

Companies doing business with each other such as manufacturers selling to distributors and wholesalers selling to retailers. Pricing is based on quantity of order and is often negotiable.



B2C (Business-to-Consumer)

Businesses selling to the general public typically through catalogs utilizing shopping cart software.

Business to consumer sites is generally database-driven e-commerce sites where products are displayed in an online catalog and are stored in a database. Typically, hot new products are pulled from the database and displayed on the homepage daily. The buyer can add items from the database to the shopping cart and prices held in the database will be totaled. The site administrator can easily change product and price information.



C2B (Consumer-to-Business)

A consumer posts his project with a set budget online and within hours companies review the consumer's requirements and bid on the project. The consumer reviews the bids and selects the company that will complete the project. Enlace empowers consumers around the world by providing the meeting ground and platform for such transactions.



C2C (Consumer-to-Consumer)

There are many sites offering free classifieds, auctions, and forums where individuals can buy and sell thanks to online payment systems like PayPal where people can send and receive money online with ease. EBay's auction service is a great example of where person-to-person transactions take place every day.

In above areas **BruteForce Solutions** has Chosen B2C category to develop a Product, As 'Business to Customer' area having more potentiality.

1.2. Intended Audience

The main intended audience for this document are the business owners of the proposed system. This document should be readable by business owners of the proposed system. They must be able to verify that their business requirements have been documented here completely, accurately and unambiguously.

Data Architects, Application Architects and Technical Architects would also find the information in this document useful when they need to design a solution that will address these business requirements.

Since the requirements are documented here in Technology-independent manner, the end-users of the system should be able to comprehend the requirements fairly easily from this document.

1.3. Project Background

BruteForce Solutions wants to give 'Online Products/Services Buying and Selling Solution' for various organizations like production oriented Industries, Services based Companies and Distributors through this Project.

It (**BruteForce Solutions**) wants to give a complete solution for Products/Services Buying & Selling through Internet.

Through this Solution Industries/Distributors Can Display and sell their products/Services. Customer Can See and Buy the Products/Services. It also Provides Payment Process, Shipping Process and Enquires

1.4. Purpose of the Business Requirements

Purpose of this document is for new web based application development.

1.5. Stakeholders

*(The roles and (if possible) names of other people and organizations who are affected by the product, or whose input is needed to build the product.)

- Sponsor : **BruteForce Solutions Inc.**
- Testers :BFS QA Students
- Business analysts :Shiplu Rahman
- Technology experts :Tanvir Rabbani
- Usability experts : Paul Ahmed
- Representatives of external associations

1.6. Users of the Product

**(A list of a special type of stakeholders-the potential users of the product)*

Administrator:

Admin responsible for Users Management, Product Definition, adding & modifying products and Services Management

Registered Users:

Registered Users can view the Catalog and get the information and also can Buy Products. As per availability they can use Payment options to make payments.

They can enquire about their Status (Orders) and Cancel their Orders as per norms.

Guest Users:

Guest Users can access the Portal and view the Catalog and get the information. Guest Users can become Registered Users by submitting (filling registration form) their details through online for free of Cost.

2. Scope of the product

This section shows what business functionality is in scope and out of scope for Implementation. In Use case approach, the out of scope Use cases are indicated in a separate boundary box. In Oracle Designer approach the out of scope Functions are shown in grey coloured boxes.

2.1. In Scope

Already so many ecommerce portal products available in the market, to attract more customers BruteForce Solutions has to plan this product with more features and facilities.

It should have following features:

This is one of the most basic options that help establish a framework of an Online Shopping With a simple shopping cart, catalog creation facility, a custom storefront appearance helps Online Shopping take off to efficient sales online.

A **product catalog** that allows portal owners to create a catalog of all the products that they want to sell and display online

A **shopping cart** that allows customers to select the products of their choice and check them out at the online counter.

A **search facility** to search for products

Customer accounts: Personalized areas where members can login, register, add and delete and edit product information or any other relevant information. A web master would be in control and edit the information before publishing the information.

Shipping:

This feature will help Portal owners to integrate shipping/courier options with leading shipping service providers.

Inventory online

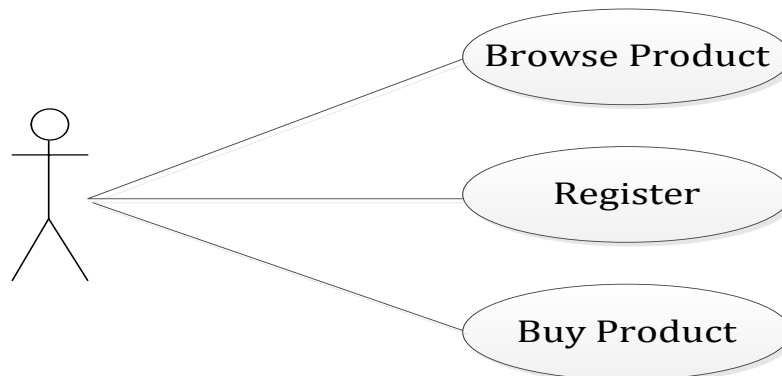
For a store with more than 1000-10000+ product and facility to stock products be it retail or wholesale.

2.2. Out of Scope

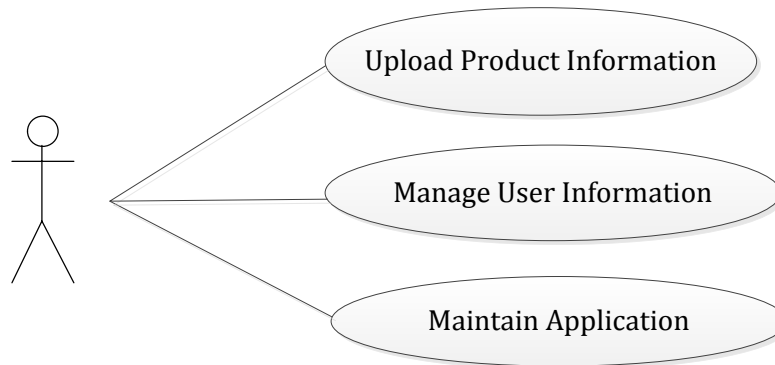
In current release any kind of online payment facility will not be available for users. Users need to send a check to complete the transaction.

3. Use Case

3.1 Customer:



3.2 Admin:



4. Business Requirements

This section describes the Business Requirements of the application

Home Page	
1.1	BruteForce the power of choice..... Logo should be visible to all users.
1.2	There will be 4 options present to the user in Home page to navigate to different sections. Women, Dresses, T-Shirts, BruteForce.
1.3	Registered user should be able to Login from Home Page.
1.4	Featured Products should be visible to Users
1.5	Checkout Cart should be visible to users with Empty.
1.6	User should be able to view the product details layer by clicking quick view link.
1.7	User should be able to add the product to wish list from product details layer.
1.8	User should be able to view details order from My Account section.
1.9	Contact Us Link should be presented to the user.
1.1.1	User should be able to filter result using popular or best seller link
1.1.2	User should be subscribe/unsubscribe for Upcoming newsletter.
1.1.3	User should be able to search for specific products by keyword.

Home Page	
1.1.4	User should be presented to follow us on Facebook link.
1.1.5	User should be able to register by clicking Login link

Product Category	
2.1	User should be able to navigate to one of the product category page by clicking Dresses/T-Shirts
2.2	Sub-Categories link should be presented to the User.
2.3	Sort Functionality is available for User to sort the products.
2.4	User can change the view of the product list by clicking Grid or List.
2.5	Number of products showing should display on the page.
2.6	User should be able to filter products from left navigation by Size, Color, Compositions, Style, Properties, Availability, Manufacture and Condition.
2.7	User should be able to filter item using the Price Range bar.
2.8	User should be able to find the store location by clicking "Discover Our Stores"
2.9	Add to Cart or More Button should be visible when user mouse over to product.
2.10	In Stock/Out of Stock icon should display for each item.
2.11	Quick View link should be visible when user mouse over to product
2.12	Information with different link is available for User.
2.13	User should be able to add multiple product to cart from Product Category page.
2.14	Cart should be updated after product added to cart.
2.15	Check out button should be available for user from Product Overlay.
2.16	Check out button should navigate to shopping cart summary page.

Product Cart Summary	
3.1	Shopping Cart Summary page should display number of items added to the cart.
3.2	User should be able to delete the item.
3.3	User should be able to increase/decrease the quantity of each item added.
3.4	Total Cost and Shipping cost should display.
3.5	Continue Shopping link should be available for user.
3.6	User should be able to create a new account.
3.7	Registered user should be able to login
3.8	Different delivery method option should be available for user to select.
3.9	Different payment method should be presented to user.
3.10	Gift wrap option should be available for user.

Order Summary	
4.1	Order Summary should display total amount.
4.2	Payment method with details should display correctly.
4.3	User can place an order by clicking Place Order button.

Order Confirmation	
5.1	Confirmation page should display order ref number.
5.2	Payment amount should display in the confirmation page correctly.
5.3	Order Confirmation message "Thank you for placing an order. Your order is complete" should display.
5.4	Customer Service link should be present.
5.5	Back to Order link should display order history.

4. Data Requirements

Data should be provided by different Product Vendor

5. Non-Functional requirements

This section describes the non-functional requirements part of the Business Requirements. A non-functional requirement is typically a special requirement that is not easily or naturally specified in the text of the use case's or function's event flow. Examples of non-functional requirements include legal and regulatory requirements, application standards, and quality attributes of the system to be built including usability, reliability, performance or supportability requirements.

5.1. Usability Requirements

As it is an Internet application intended users are Unlimited and Users have no limitations for accessing the application through Internet. As our Intended Customers are from different areas and untrained, so our site must have easy navigations, attractive colors and Understandable Screens.

Our application should have multiple ways to perform any Operation and for completing any task less number of navigations preferable.




The application requires easy search capability to find whatever user wants and we have to provide facility for Customers feedback.

5.2. Performance Requirements

The very nature of the web and the fact that different users interact differently with the application greatly effect performance. Several aspects that can affect performance including high activity and volume at launch, activity spikes due to marketing promotions, download time, Usage patterns, user arrival rates and Internet access speeds.

We can't restrict users; our application has to support Different types of environments, networks and Internet services.

7. Conclusion

-  For any requirement clarification Business Analyst will be the point of contact
-  For any Technical Clarification Tech-Lead will be the point of contact.
-  Product should be available before end of the Test Cases Class.