

LAB-3

APPLICATION

DEVELOPMENT

SUBMITTED BY:

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INTRODUCTION:

The purpose of this application is to offer the customers to choose dresses from latest fashion and different styles. Hence, the website is named Fashion Era. The collection that would be available on this website will be from various brands and could be shipped across countries, allowing the customers to have the best of every variety that's out there in the market. The website will have a light background that allows the focus of the customers to be only on the dresses. Every web page of the website will have a standard design; a menu bar, a cart showing the number of items in it, text input box to enter the email address to subscribe for emails, and links to their social media pages to follow the updates.

PART 1: FUNCTIONAL AND NONFUNCTIONAL REQUIREMENTS

Functional requirements:

1. The system should allow the customer to browse and select the item(s) through the Website.
2. The system should allow the customer to select the size and quantity of the item(s).
3. The system should allow the customers to add the item(s) to the cart.
4. The system should allow the customer to view the number of items in the cart.
5. The system should allow the customer to pay the bill online.
6. The system should generate a pop up stating unavailability of items for the particular item that is unavailable when selected.
7. The systems should send regular email updates to the applicant about the status of the items purchased.
8. The system should allow the customer to contact the support team for any queries.

Non-functional requirements:

1. The system should be user friendly.
2. The system should be secure and should maintain customer confidentiality.
3. The system should reset the password of the users by sending the password reset link to their email IDs.
4. The system should be able to recover in less than an hour if a breakdown happens due to overload.
5. The system should automatically send the message to the customers during the downtime.

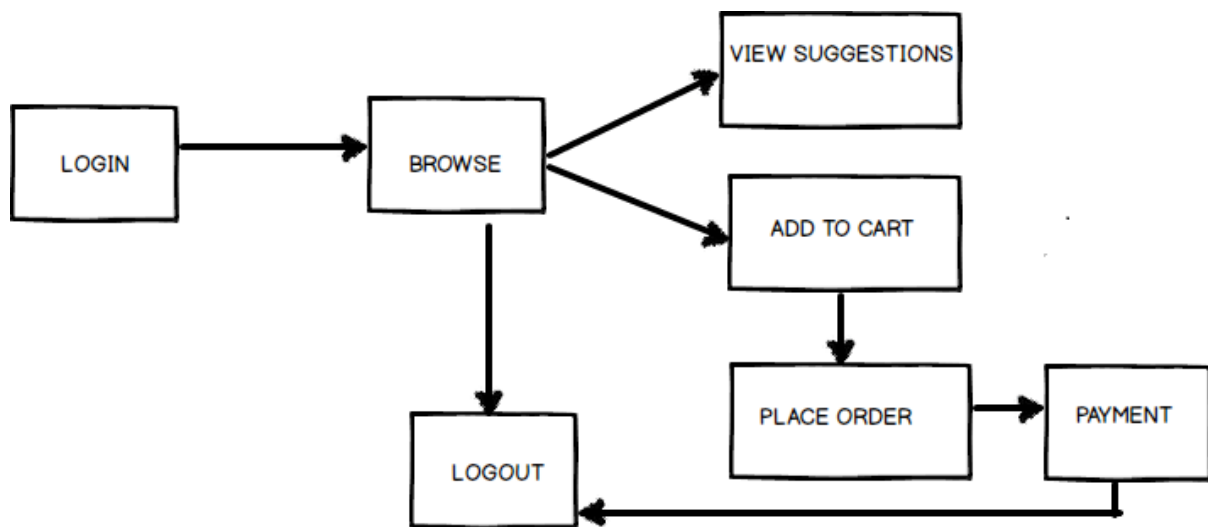
6. The system should be able to automatically link itself to backup database in case if a data base crash occurs.
7. The system should be able to handle thousands of logins at a time.
8. The system shall be able to carry the maximum load of about 50,000 active user's data.

Part 2: Use Case Diagram



1. **Use Case:**
Browse and select item(s)
2. **Primary Actor:**
Customer
3. **Scope:**
An online shopping application
4. **Level:**
Fish Level or Sub-function
5. **Story:**
The customer browses through the website and selects the item. It then leads the customer to a detailed item page with options to select the item size and quantity. The user then adds that item to the cart.

Part 3: Flow- Based Diagram:



Part 4: Wire frames

