

Ecommerce App

Description

The purpose of this document is to analyze and give insight to the development of an online shopping system application which serves as a marketplace for social media-based small scale businesses. The project aims to develop a multi-platform application to improve the service to both customers and business owners alike in order to make online shopping for both parties easier and more secure. The purpose of the online marketplace is to provide a platform for easy navigation of the 'Instagram store' industry and to create a convenient application for customers to identify stores and products of their choice. We will have a catalogue of stores and products arranged according to categories, as well as a secure payment system and a delivery service integrated to have a single solution for all the customer's shopping needs. Above all, we hope to provide a comfortable user experience for both the customers and shop owners. The system allows customers to browse products, and maintain their cart by adding or removing products from it, and gives access to a checkout section to confirm payment for delivery.

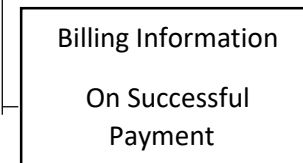
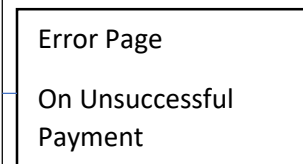
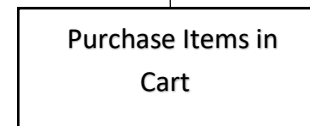
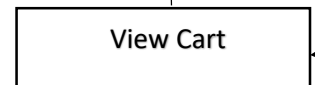
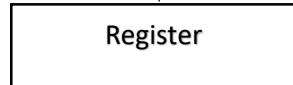
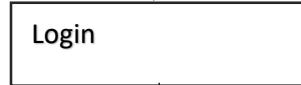
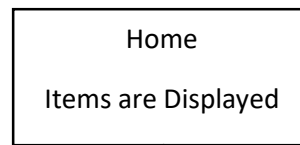
System Model

The Register feature creates an account for a new user in the system. For a user to be able to buy any item they must have an account and must be logged into it. This feature enlists the user details in the database.

Customer first clicks on the button to begin registration process. The system then provides fields for customer to fill out their first name, last name, email address, location and password. Customer enters the fields. Their customer's information is validated by the system and a new account is created for the customer.

Once registration is complete the customer clicks on the log in button to initiate the login process. The system prompts the customer for their email and password and verifies the information. After verification is complete, the system displays the app's home page to the customer

A.2 NAVIGATION DIAGRAM



Customer Login

Admin Login

Add items to Cart

Add Items

Update Items

FUNCTIONAL REQUIREMENTS

- A button for register and log in must be available
- A table in the database must be created for all users.
- A button for adding to cart.
- A button for viewing items in cart.
- A table in the database must be created having all the products available.
- A table for items added to cart must also be available.
- A window handling the items ordered must be created.
- The table containing the products must be updated i.e. the quantity of the product bought must be decreased by the quantity purchased once billing is done.
- A table dealing with all the orders by different customers must be maintained.
- A table storing the products added to the wishlist by the customer must be available.
- A table storing the status of the product bought must be maintained.
- A separate login must be created for the vendor.

- A vendor cannot buy a product.
- A vendor cannot change the order details table.

Settings



My Account



Order History



Info



Log Out



Shop



Wishlist



Settings

instaShop



Browse by Category



Fashion & Clothing



Food



Tech & Gadgets



Beauty & Personal Care



Arts & Crafts



Other



Shop



Wishlist



Settings



My Cart



Snacks

₹ 75.0



Macbook pro 16

₹ 5400.0



CHECKOUT