

Software Requirement Specification (SRS) for ABC SHOP

Introduction

ABC shop is an ecommerce web application that focus on the users to buy and sell the products on the basis of different categories. The app provides the search filter category photos, product photos, product details .

Requirements

In order to run the ABC SHOP app following requirements should be met.

- Login user can only buy , add to cart, add to wishlist otherwise user can only view products
- Stable internet connection

Functional Requirements

- User Accounts: System should allow user to create accounts. Each user must have username, password, email, location to login the system.
- Post CRUD : System allows user to create, read, update, delete post .
- Add to cart : System allows you to add products to cart
- Add to wishlist : System allows you to add the favourite products in the wishlist.
- Remove from Cart : System allows you to remove the products from
- Remove from Wishlist: System allows you to remove products from the wishlist
- Search : System allows you to search on the basis of Search
- Comment: System allows the user to comment in the post

Non-Functional Requirements

- Performance: The system should be able to handle a high volume of traffic and data efficiently. Response times should be within acceptable limits, and the system should be available at all times.
- Security: The system should be secure, with proper authentication and authorization mechanisms in place to prevent unauthorized access to sensitive data.
- Compatibility: The system should be compatible with different operating systems, web browsers, and devices.

- Usability: The system should be user-friendly, with an intuitive interface that is easy to navigate.
- Scalability: The system should be scalable, able to handle an increasing number of users, assignments, and data

ABC SHOP Features:

The features can be categorized into 2 groups as follow:

1. Seller
2. Buyer

1. Seller:

- Create Post: Sellers can post their product, description, location, price and phone number.
- Update Post: Sellers can update their post according to their needs.
- Delete Post: Sellers can delete their post.
- Mark as sold: Sellers can mark their house as sold.

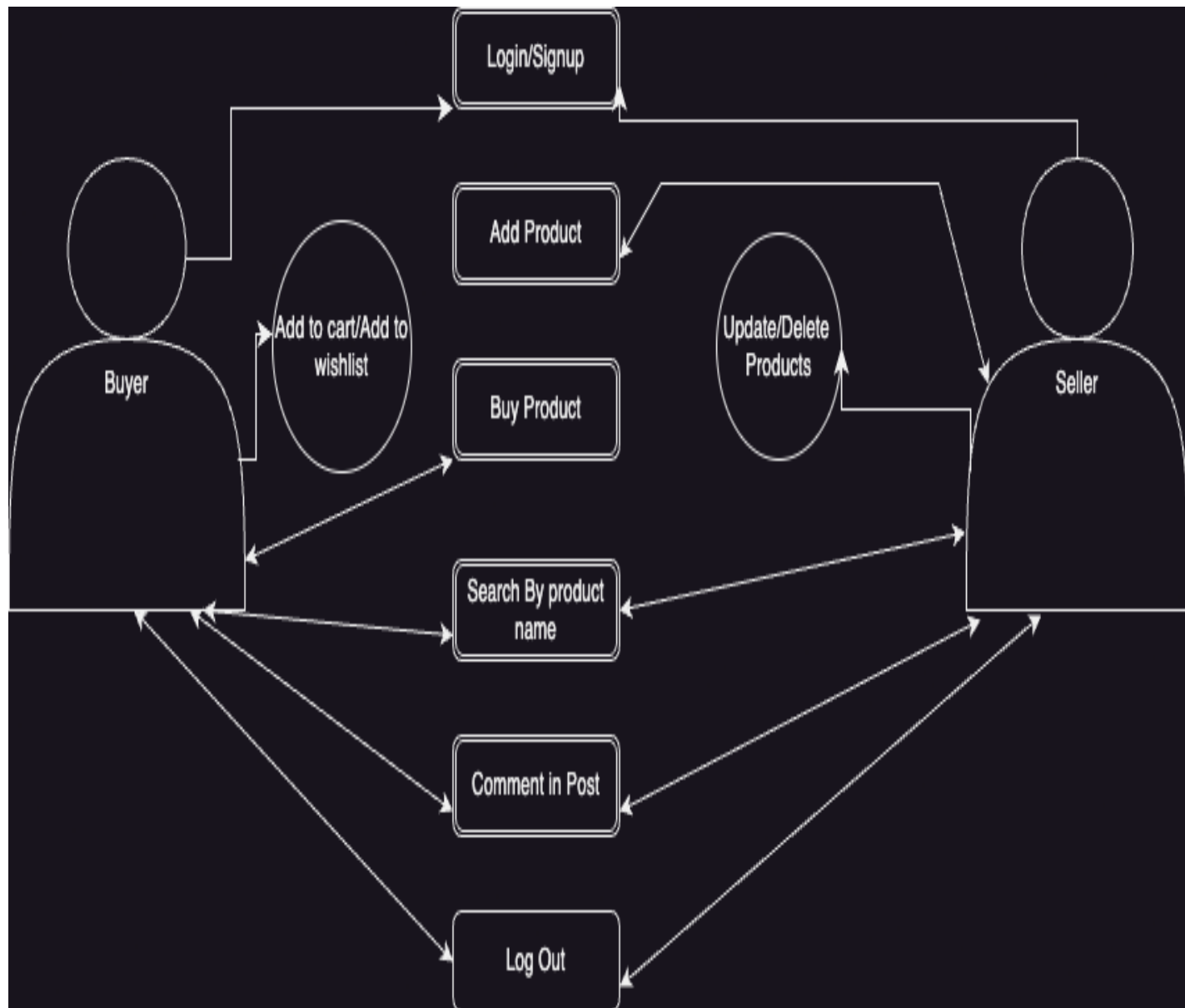
2. Buyer

- Buyers can navigate to the seller post to see the post in detail.
- Buyers can comment in the seller post.
- Add to Wishlist: Buyers can add the houses they like to their wishlist.
- Remove from Wishlist: Buyers can remove houses from the wishlist.
- Add to cart : Buyer can add the products to the cart
- Remove from cart: Buyer can remove the products from cart
- Location based Search: Buyers can search houses based on location.

LIMITATIONS

- Buyers and Sellers can only contact each other by the number specified by the seller in post.
- Buyers can only search based on product ,not by other criteria.

Use Case Diagram



Relational Diagram

