

Software Requirements Specification (SRS) - Mobile Shopping Website

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Practices: IAS – App Support

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1. Abstraction:

The user-friendly platform for the online store was created using AngularJS, HTML, and CSS, Json server. Users are given the ability to browse a variety of products, add them to their Wishlist and shopping carts, and safely complete transactions. The website has a strong login and signup process in place, as well as a practical forgot password option, to provide safe user authentication. An admin side also offers effective control of product details, making it simple to add and remove products.

The website has many features that make shopping for products easy for customers, such as Wishlist creation, cart functionality, and smooth product browsing. Data security is guaranteed by its safe user authentication system. The admin side facilitates product addition and deletion, product management and improving website performance.

The software takes the username and password from the user for login purposes. Users have access to a personalized Wishlist and order history as well as viewing products and buy options for products. It is a complete solution for online shopping needs because the admin interface guarantees simple product management.

2. Project End Users:

The website is open to all users, and access is not restricted. Customers can use the website to view products, can add product to their Wishlist as well Cart and purchase products without requiring any special training.

3. Features:

3.1 User Side:

3.1.1 User Login:

Users who are all already registered to our website can log in to their accounts using their username and password as the input credentials.

3.1.2 User Signup:

New users can create an account by providing required information like username, contact number, email address and creating a password.

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3.1.3 Forgot Password:

Users can reset their passwords through a forgot password link. An email will be sent to the registered email address with instructions for password reset.

3.1.4 View Products:

Users can view all the available categories of products on the website. Here all details like product name, specification, description, price and discount percentage will be displayed, user can also add the product to Cart or Wishlist or can directly buy from this viewing page itself.

3.1.5 Add to Wishlist:

Users can add the products which they like to their Wishlist for future reference.

3.1.6 Add to Cart:

Users can add multiple products to their shopping cart before proceeding to payment. From cart, user can directly purchase all the products in the cart or can purchase the specified product also.

3.1.7 Buy Products:

Users can make payment and purchase products either from their shopping cart page or they can buy products directly from the product description viewing page itself.

3.1.8 View Order History:

Users can view their order history like placed orders, cancelled orders, received orders history in their profile page.

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3.2 Admin Side:

3.2.1 Admin Login:

Admins can log in to their accounts using their username and password as their input credentials.

3.2.2 Add Product:

Admins can add new products to the website by providing essential details product title, product description, price, specification, etc.

3.2.3 Edit Product:

Admins can edit product details of all existing products such as name, description, price, etc.

3.2.4 Delete Product:

Admins can delete existing products from the website.

4. Functional Requirements:

The functional requirements of this system are:

- User authentication and authorization for accessing user and admin functionalities.
- User interface to display products, Wishlist, cart, and order history.
- Database to store user details, product information, and order history.
- Admin interface to add or delete or edit products.
- Secure transaction page handling for purchases.

5. Non-Functional Requirements:

- The website should be user-friendly, responsive, and accessible from various devices and browsers.
- The system should maintain data of user information.
- The actions like adding products, making purchases, etc., should be fast and efficient.

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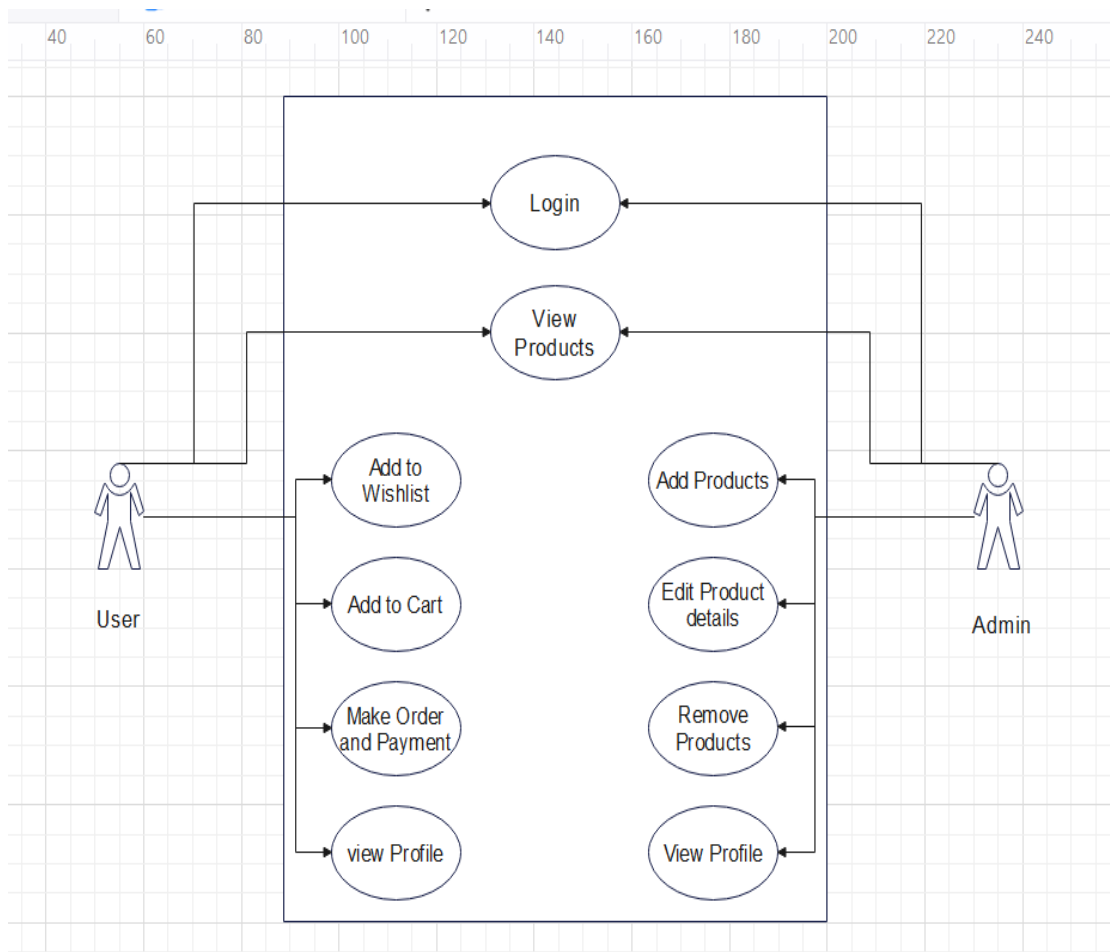
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6. Technologies Used:

- AngularJS
- HTML
- CSS
- Json server

7. Diagrams:

7.1 Use-Case Diagram:

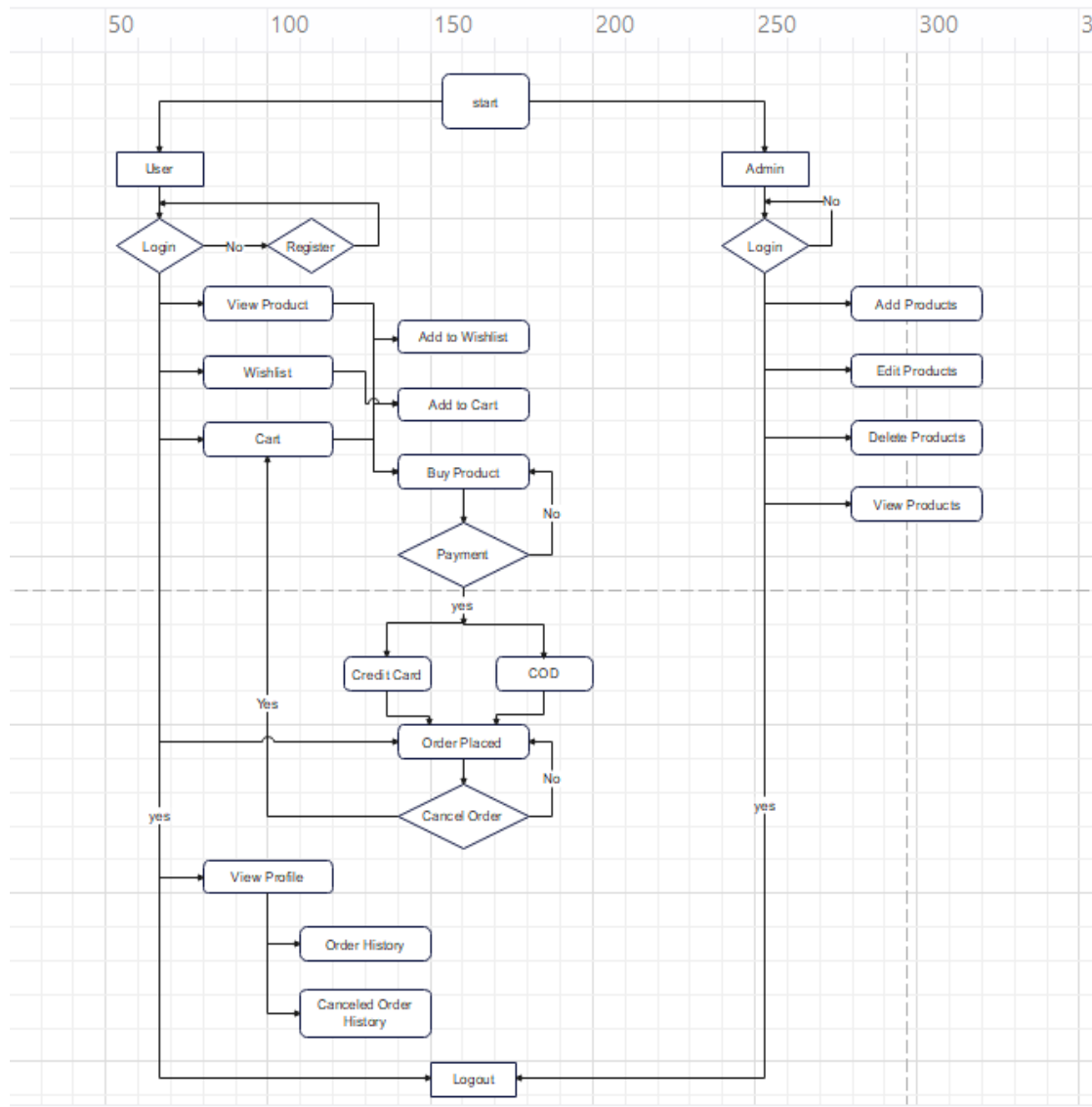


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7.2 Flowchart:

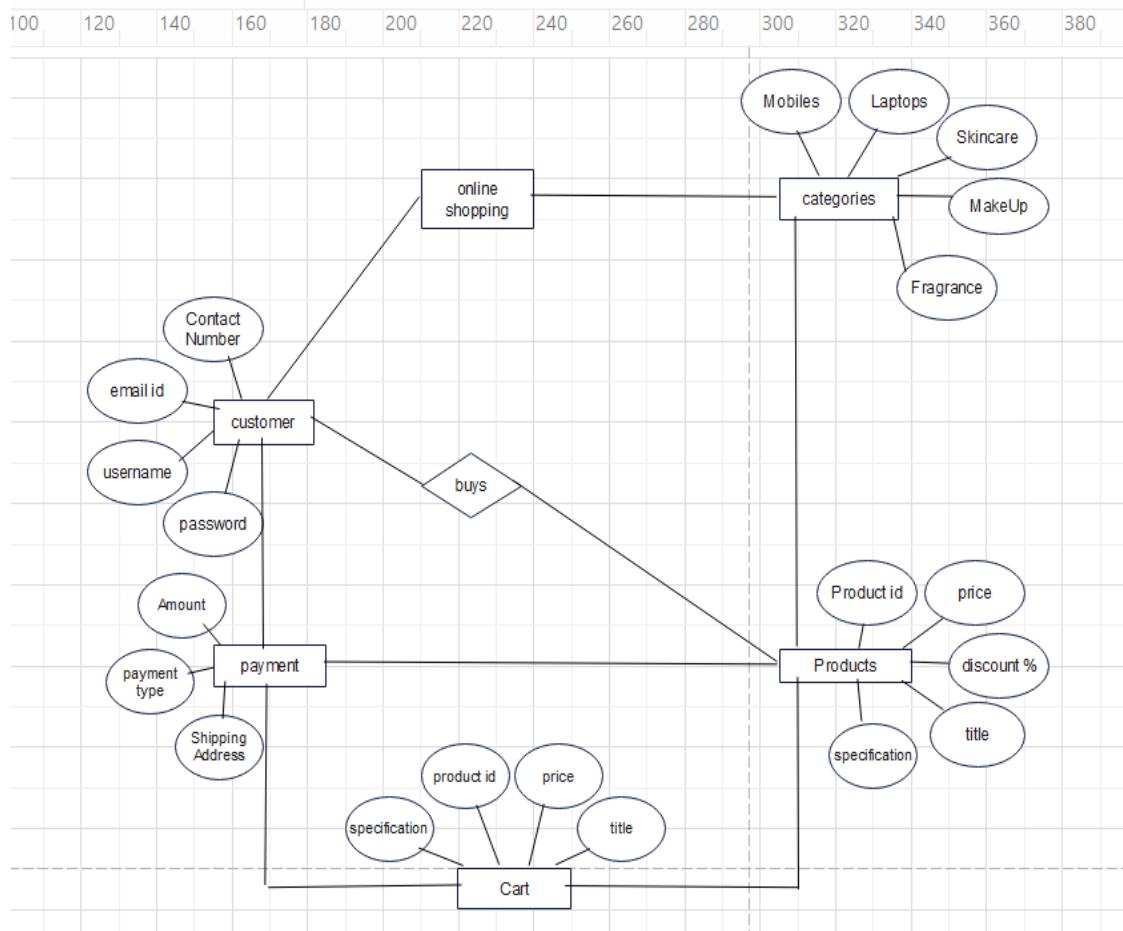


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7.3 Entity-Relationship (ER) Diagram:



8. Report:

The online shopping website provides a user-friendly interface for customers to view and purchase products. It includes essential features like user login, product viewing, Wishlist, cart, and order history. The admin module allows administrators to manage products effectively by editing product details, adding or removing products from the website. The website is developed using AngularJS, HTML, and CSS, Json server providing a friendly shopping experience for users.

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