

Software Requirements Specification ASROMART-

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1. Objective and Scope

The objective and scope of the project is to develop an online shopping portal, ASROMART, which serves as a platform that connects customers and vendors through the internet.

The scope of this product includes the following features:

- Provides a user-friendly way for shopping and connects consumers and vendors through a single gateway via the internet.
- Offers a secure payment gateway for reliable and safe transactions.
- Allows vendors to set up online shops to sell their products.
- Site administrators have the direct access to allow or deny vendors or their products based on customer feedback.

It provides assurance for the delivery of the product on or before the scheduled date.

2. Features

2.1 Add to cart and Wish-list

The consumer can maintain a wish-list by selecting their desired product.

They can also store selected products in a cart for purchasing later.

2.2 Comparison and Demand Checker

It provides the consumer to compare two or more products and helps them to clarify their doubts by verifying the pros and cons of the product.

The site provides the demand of the product before the customer orders a product and it also notifies the customer when their carted product's supply decreases.

2.3 Customer Review System

The site allows users to provide review or feedback on the product or on the vendor which helps other users who intend to buy those products.

2.4 Funding

The site holders have direct contact with banks which helps costumers to buy their products in EMI or several loans provided by the bank onto that product.

2.5 Best Seller Section

The site prominently displays a "Best Seller" section, showcasing popular and trending products to customers.

2.6 Contact Section

The site includes a dedicated contact section, providing customers with a way to reach out to the ASROMART team for inquiries or support.

2.7 Reports

This site has reporting capabilities. It shows the report of how many product on a particular kind has been sold and how many products have been returned to vendor so that it helps him to keep track of his products and maintain a proper share and commission with the site holders.

3. Functional Requirements

3.1 Login:

Existing users can log in to the site by providing the following credentials:

Username: The username provided during registration.

Password: The password provided during registration.

Phone Number: The registered mobile number for OTP verification.

For new users, a registration portal is available to create an account.

3.2 SignUp:

New users can register by providing the following information:

Username: Must contain at least 8 characters, 1 number, and 1 special character.

Password: Must contain more than 8 characters, at least 1 special character, and 1 number.

Confirm Password: Re-enter the password for verification.

Phone Number: User's phone number for OTP verification and communication during product delivery.

First Name and Last Name: User's first and last name.

Gender (optional): User's gender.

Address: User's address for product delivery.

3.3 Search Page:

After logging in, users can search for products using the search bar. The search page will display relevant products based on the search query. Users can view detailed product descriptions, including brand name, product images, availability, price, and manufacturing date. Customer reviews and ratings are also displayed to help users make informed decisions.

3.4 Payment Page:

After selecting a product, users can proceed to the payment page by clicking the "Proceed to Payment" button. The payment page offers various payment modes, such as Cash on Delivery, Credit/Debit Card, and UPI. Users can fill in the necessary payment details based on their chosen payment mode. After completing the payment process, users will receive an invoice and the estimated delivery date for the product.

4. Non-Functional Requirements

4.1 Mode of exploring:

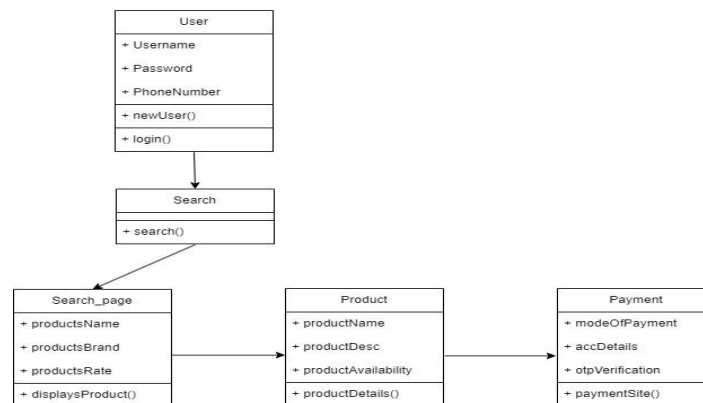
Users can access the ASROMART website through mobile or desktop devices using any modern web browser, such as Chrome, Brave, or Edge. For the best experience, it is recommended to use the latest version of Google Chrome.

4.2 Scalability:

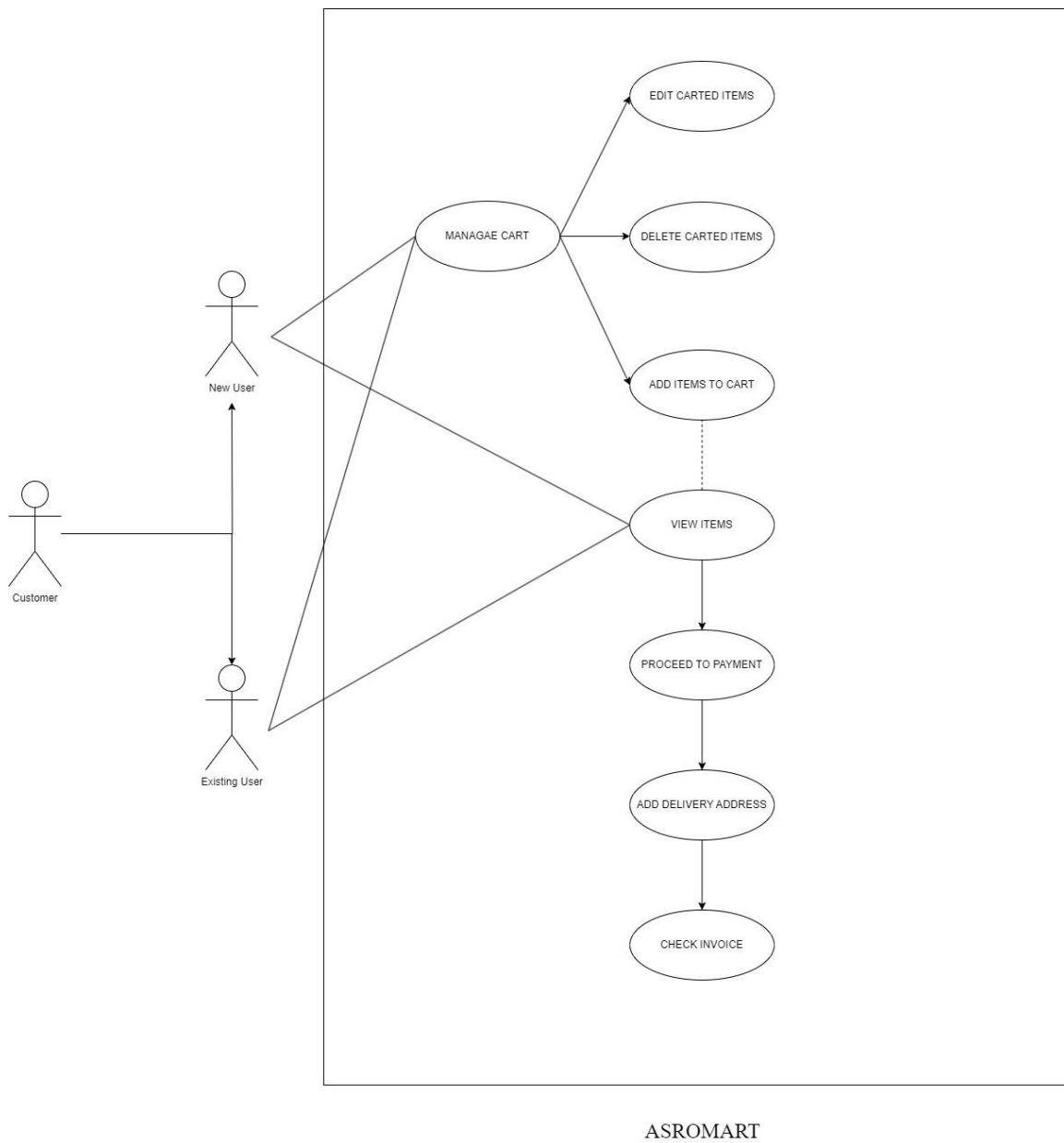
The platform should be able to handle a minimum of 1,000 and a maximum of 10,000 concurrent users without any crashes or data loss on the server.

5. Diagrams:

5.1 Class Diagram:



5.2 Use case Diagram:



5.3 Flow Chart:

