Software Requirements Specification ASROMART-

Document ID: Asromart_srs.docx

Author(s): ASWANTH RAMANA S M

Version: 01

Date: March 31, 2024

Copyright notice: Copyright © 1996-2004 Aspire Systems. All rights reserved. The contents on this document are not to be reproduced or duplicated in any form or kind, either in part or full, without written consent from Aspire Systems.

1. Objective and Scope 3

2. Features 3

2.1 Add to cart and Wish-list 3

2.2 Comparison and Demand Checker 3

2.3 Customer Review System 4

2.4 Funding 4

2.5 Reports 4

3. Functional Requirements 4

3.1 Login 4

3.2 SignUp 5

3.3 Search Page 5

3.4 Payment Page 6

4. Non-Functional Requirements 6

4.1 Mode of Exploring 6

4.2 Scalability 6

5. Diagrams 6

5.1 Class Diagram 6

5.2 Use Case Diagram 7

5.3 Flow Chart 8

1. Objective and Scope

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

The scope of this product includes the following features:

- It provides a user friendly way for shopping and it connects both the consumers and vendors through a single gateway through internet.
- It provides a payment gateway which acts as a reliable source for the consumers in terms of secure transactions.
- Allows vendors to setup online shops.
- The site administrators have the direct access to allow or deny the vendors or their products based on customer's feedback about the product or vendor.

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.

And it comes with an advantage of storing their selected product in a cart for purchasing it 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 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:

Once entering into the site the user will be asked to enter his login credentials such as

Username: The username of the user which he had given during registration.

Password: The password of the user which he had given during registration.

Phone Number: The registered mobile number for OTP verification

All these details are for existing user and for new users a registration portal will be available and same goes for the users who forgot their password.

3.2 SignUp:

New user are directed to the registration portal in which they are asked to create username, password and other necessary details. The details include

Username: The username should contain 8 characters, atleast 1 number and atleast 1 special character.

Password: The password should also contain more than 8 characters with atleast 1 special character and number.

And the user will be asked to re-enter the password.

Phone Number: The user will be asked to enter the phone number to verify with OTP and for further communication during delivery of the product.

First Name: The user will be asked to enter his first name.

Last Name: The user will be asked to enter his last name.

Gender: The user will also asked to enter his gender but it is not a mandatory field.

Address: The address of the user is mandatory because it is essential for the delivery of the product (Home Delivery).

3.3 Search Page:

After logging into the site the user is asked to enter the name of the product he wishes to buy in the search column which directs him to the search page. Here the user is provided with multiple products related to his search. There he can see the detailed description of the product by clicking onto the product. Here the products details like brand name, products images, availability of the product, rate of the product and the date of manufacture of the product. He can also see the comments of the users who have already used the product and their ratings which gives the user and idea about the product.

3.4 Payment Page:

After checking the details of the product the user is directed to a payment site by clicking onto Proceed to Payment button. There the user is asked the mode of the payment like "Cash on delivery" or "Credit Card/ Debit Card" or "UPI". After clicking onto the necessary mode of payment, the user is directed to that mode of payment site. There he can fill the necessary details for payment.

After all that the user will be asked to check the invoice of the payment and asked to check it. After checking it the user is provided with date of delivery of the product.

4. Non-Functional Requirements

4.1 Mode of exploring:

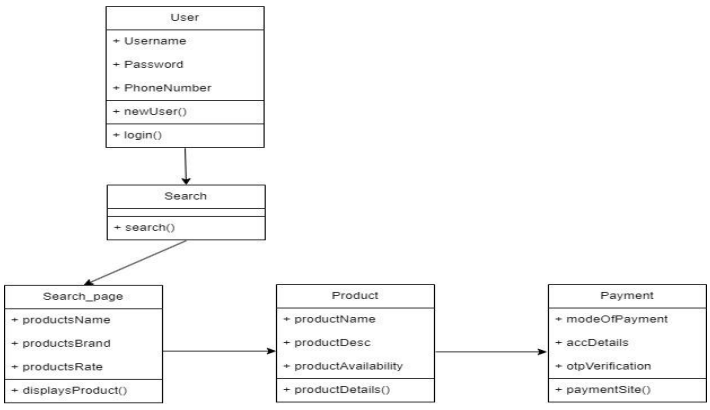
The user can explore either by mobile or pc through any online browsers like Chrome or Brave or Edge etc.. . It is best to use Chrome for unwanted errors or crashes.

4.2 Scalability:

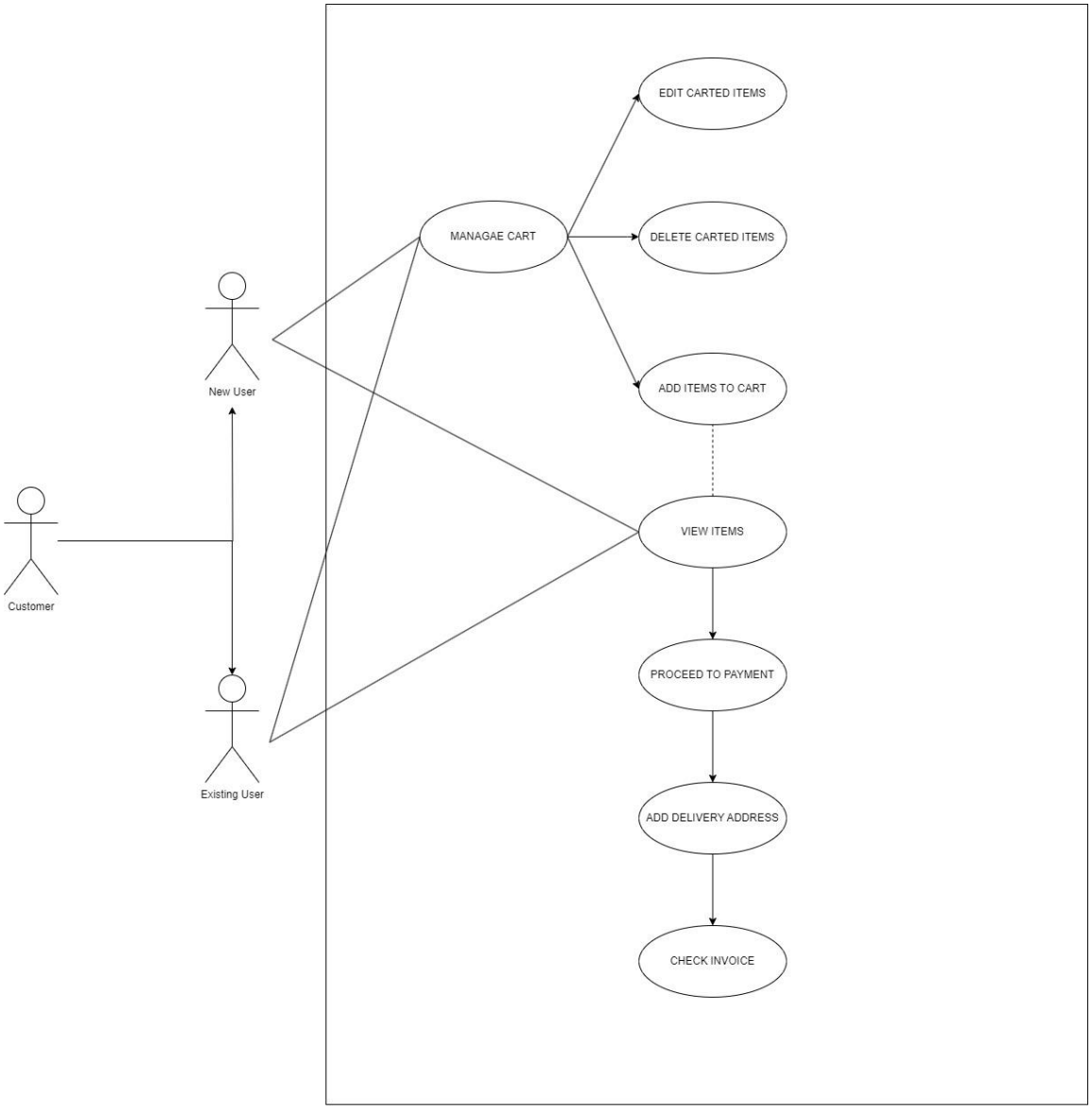
A minimum of 1000 and a maximum of 10000 should be able to access the platform at the same time without any crash or data loss in the server.

5. Diagrams:

5.1 Class Diagram:



5.2 Use case Diagram:



ASROMART

5.3 Flow Chart: