

Software Requirement Specification.

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- **Abstract**

The abstract of the project is to build a Book Management System that is capable of sending bulk books to the intended recipients for marketing purposes, recruitment purposes etc.

The scope of the product includes the following basic features:

- ☐ Receive the Name, E-mail, Phone Number, Address details from customer. A uniqueContent will be assign
- ☐ The source system will send details of book, date of delivery, address for delivery and costof book.

- ☐ A unique book id is assigned and sent book to the customer. CMS will validate and schedule the details of delivery. If any errors, we will process the campaign, otherwise information is sent to the customer.
- ☐ On the delivery date and time books will be delivered.
- ☐ Using the username the customer can request and get status and location of book. It sends information to phone number whether delivered or undelivered etc.
- ☐ Reports

• **Module description**

• **Home page**

- ☐ Homepage consist of product for selling.
- ☐ It consists of our organization's product and ratings.
- ☐ When user click on the "Login" then it takes to another page consist of login page.

• **Login / Signin**

- ☐ After home page the application continues with the Login/sign in page.
- ☐ Here the user has to give their login details, if they are new to the page they have to sign in by give their email, password .
- ☐ Once they are login/sign in they are taken to the product page.

• **Product Page**

- ☐ The Online Bookstore will provide a number of books.
- ☐ A book has a title, author and price.
- ☐ A customer has a username (unique across all users), password (no restrictions), email address (no restrictions), and postal address (unverified).
- ☐ Show a listing of available books.
- ☐ Books are to be displayed in ascending alphabetical order by title.
- ☐ Each book will list the following from left to right.

- **Add to Cart**

- ☐ Anyone is able to add one or more books to the shopping cart.
- ☐ Add to list consist of products which are selected by the user to purchase it later.
- ☐ In this page product image, specification, price, remove from list and buy now is displayed.
- ☐ When user select "Buy now" it will take user to payment page

- **Buy now**

- The Buy now button is clickable that makes the process of purchase
- Once Buy now is clicked the page is redirected to payment page

- **Payment Page**

- ☐ When user click on "Buy now" it will take user to the payment page.
- ☐ This page consist of mode of payment as credit or debit card.
- ☐ User has to fill it for each product. Then user has to ensure the address or user can change the address
- ☐ Then user has to select the payment method "online payment" or "cash on delivery".
- ☐ After the payment is done a message will come , then user can go back to home page.

- **Functional Requirements**

- **Login Requirements**

- ☐ Each and every user should be authenticated with a User Name and Password to login into the system.

- ☐ Validations for User Name and Password.
- ☐ User Name: It accepts only Alphabets, Numbers, Dot (.) symbol and Underscore (_) symbol.
- ☐ Password: It can be anything of the users' choice

- **Product list requirements**

- ☐ Every product should contains product image, price, specification, add to wish list and add to list.
- ☐ And below the image the availability and unavailability of products are displayed.

- **Payment requirements**

- ☐ When user proceed to payment user should mention username address.
- ☐ According to the address the distance should be calculated
- ☐ User must provide the address and ID proof to complete the payment.

- **Customer care**

- ☐ Getting feedback from the customer are responsible for receiving complaints ,queries and feedback from the customers .
- ☐ So that providing feasible solutions to the customers on their complaints and queries . Then the customers can give feedback for the product or service which they have received . Also facility rating of individual books by relevant customer.

- **Non-functional Requirements**

- **Performance requirements**

The performance requirements are as follows:-

- ☐ System login/logout shall take less than 5 seconds.
- ☐ The system should run properly on all browsers.
- ☐ The system should be light and run smoothly

- **Security requirements**

The security requirements are as follows:-

- ☐ The user (buyers and administrator) require a username and password to login into the system.
- ☐ The buyers cannot buy books without logging in.
- ☐ The order will not be confirmed until payment process is completed.

- **Availability**

- ☐ The Online Bookstore will be available 24x7, with the exception of being down for maintenance no more than 3 hours a week.
- ☐ If the system crashes, it should be back up within a week.

- **High Level Design**

- ☐ All pages must have application name as header and below that product segments are arranged in horizontal line.
- ☐ Home page should have rules, agenda and instructions for the users as the body content
- ☐ All pages must have footer and in footer contact details and help link is given.
- ☐ All pages should have menu icon on the top left corner of the header.
- ☐ All product segments at the header are provided with button style and should not be underlined.
- ☐ Menu icon should have three lined button style.

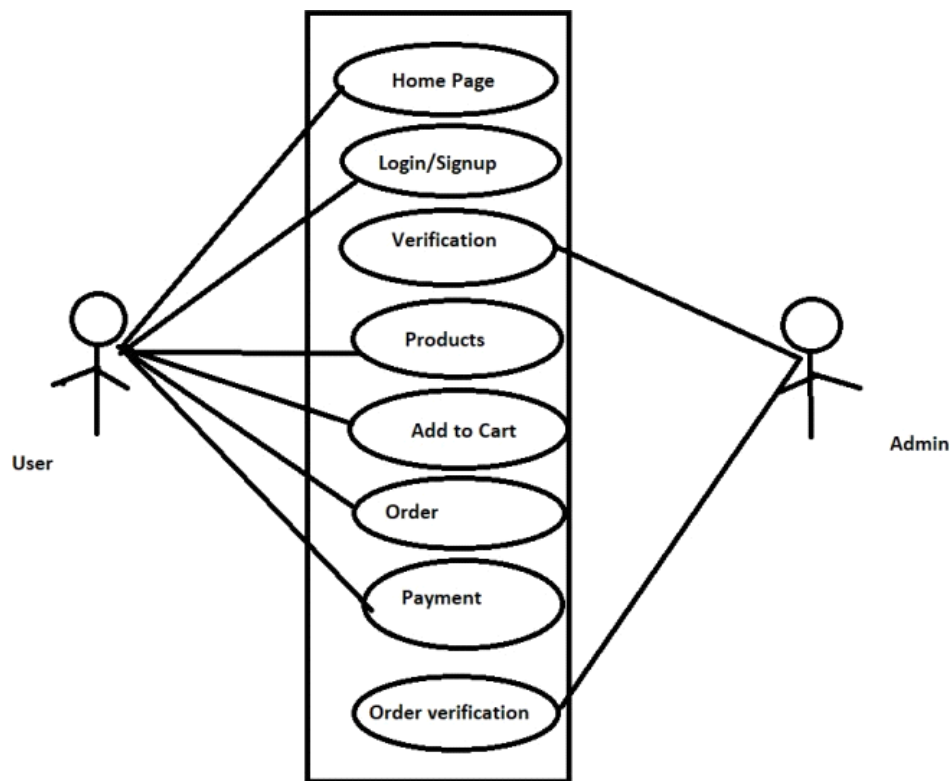
- ☐ All the clickable contents are highlighted in bright colour when user hover on it.
- ☐ Add to list and add to wish list should have radio button.

- **Low level design**

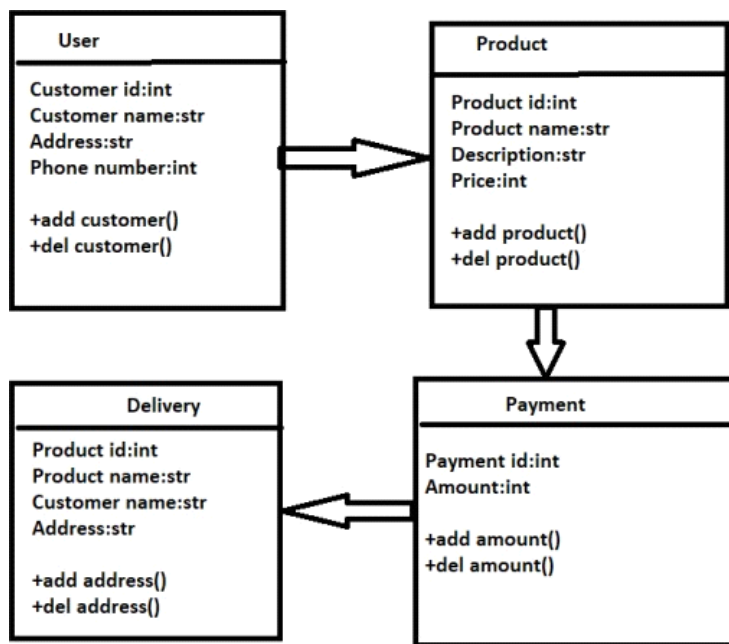
- ☐ Each and every module of software is designed in detail
- ☐ It incorporates the logic behind every component in the system
- ☐ It can be used for designing data structure , required software architecture , source code

- **Diagram**

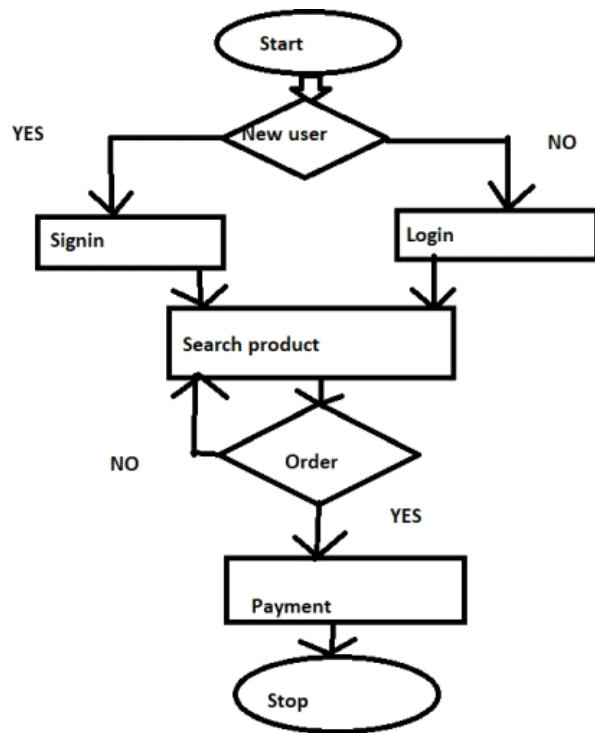
- **Use case diagram**



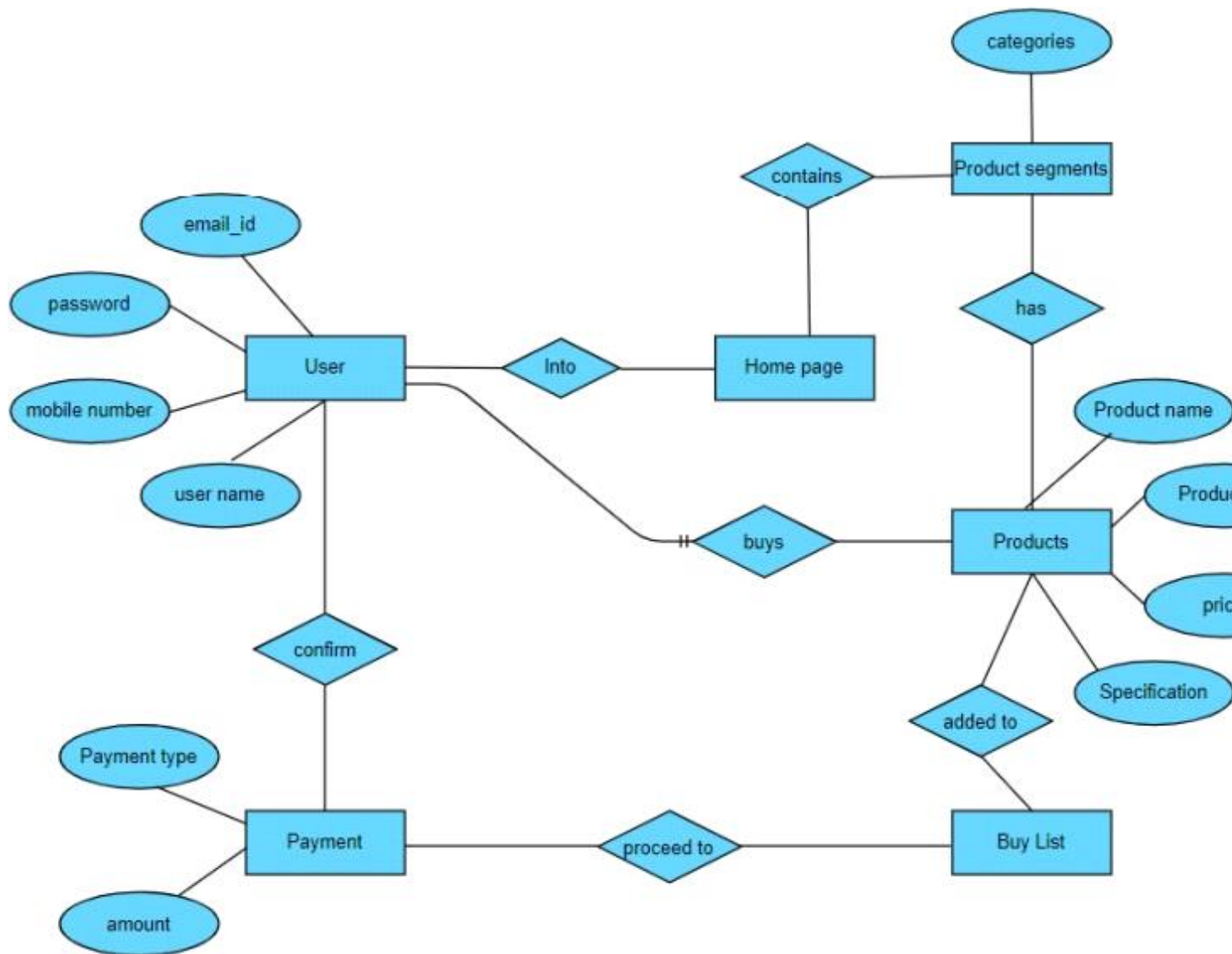
- **Class diagram**



- **Flow chart**



- **Entity relationship diagram**



- **Sequence diagram**

