Online Home decor

Software Requirement Specification

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1. Abstract

Online home-Decor is the android application. There are many apps of online booking for movies, purchases goods or fashion but there is no app for design the our home and interior work and buying the home decorative items. So, we have decided to build an app that display some interior design and decorative items such as wall stickers, photo frames, attractive things for living room and bed room and so they can see all the information about them directly through app. Using this application, customer can aware idea of recent themes and decoration regarding their tasty.

2. Objective and Scope

The ways people decorate and furnish their homes, and the objects they choose to display, can reveal their values, aspirations and tastes. Decor and furnishings can also contribute to their sense of mental and physical wellbeing. For these reasons, many people take great care when decorating the interiors of their homes.

3. Project End Users

Those who want to buy home decor item in online can use this system.

4. Module description

Modules consist of 7 main components:

- ✓ Registration
- ✓ login
- ✓ View products
- ✓ Select Products
- ✓ Payment
- ✓ Logout

4.1 Registration

The user can register into the website through the use of this module.

4.2 Login

This module will allow the users to login to the website through the use of unique username and password without any issues.

4.3 View Products

This module deals with the posted products that is the décor through this.

4.4. Select Product

This module deals with the decorative items that are being purchased by the customers and the customer can order multiple items together.

4.5 Payment

In this module the customer can make payment through VISA, Debit card, Credit card, Cash on delivery.

4.6 Logout

In module the customer can logout this application.

5. Requirements

5.1 Functional Requirements

Functional requirements are those that are used to demonstrate the system's internal functioning nature, as well as the system's description and explanation of each subsystem. Functional requirements define what a product must do, what its features and functions are. The system must provide the following:

- **User login -** Username and password will be provided after user registration is confirmed.
- **Register new user -**New users should be able to register through online.
- **Purchasing a decorative item -** System must ensure that, only a registered customer can purchase items.
- **Manage users -** The administrator can add user, delete user, view user and block user.
- **Manage products -** The administrator can add products, delete products and view products.
- **Manage orders -**The administrator can view orders and delete orders.

5.2 Non – Functional Requirements

It describes system elements that are concerned with how the system fulfills functional requirements. They are as follows:

- ✓ **Efficiency** - When an online shopping cart android application implemented customer can purchase product in an efficient manner.

- ✓ **Reliability** - The system should provide a reliable environment to both

customers and owner. All orders should be reaching at the admin without any errors.

- ✓ **Usability -** The android application is designed for user friendly environment and ease of use.
- ✓ **Availability-** This system must be accessible at all times, 24 hours a day, seven days a week.
- ✓ **Security** – Only authorized staff may get access to the firm's secured page on the systems, and only users with proper passwords and usernames can log in to see the users page.

6. Design

System design is the solution for the creation of a new system. This phase focuses on the detailed implementation of the feasible system. It emphases on translating design. System design has two phases of development:

- ✓ High Level Design
- ✓ Low Level Design

6.1 High Level Design

High Level Design includes the overall description of system architecture along with the design of its database and description of its services, systems, platforms used and the relationship between modules.

- ✓ System must contain login/register page and that page must be easier to understand and user friendly.
- ✓ Details and order status management.

- ✓ Payment management.
- ✓ Inventory control management.

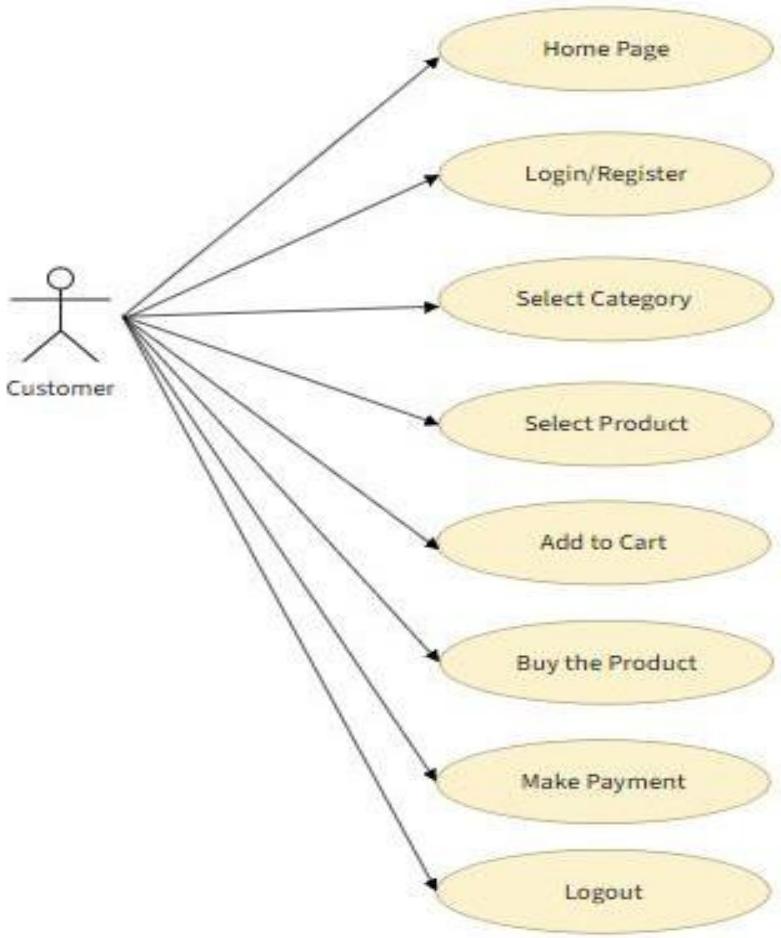
6.2 Low Level Design

Low Level Design is a component level design process that follows a step – by – step process refinement process. It deals with the planning, coding and execution of the various components, modules and steps in the HLD, at an individual level.

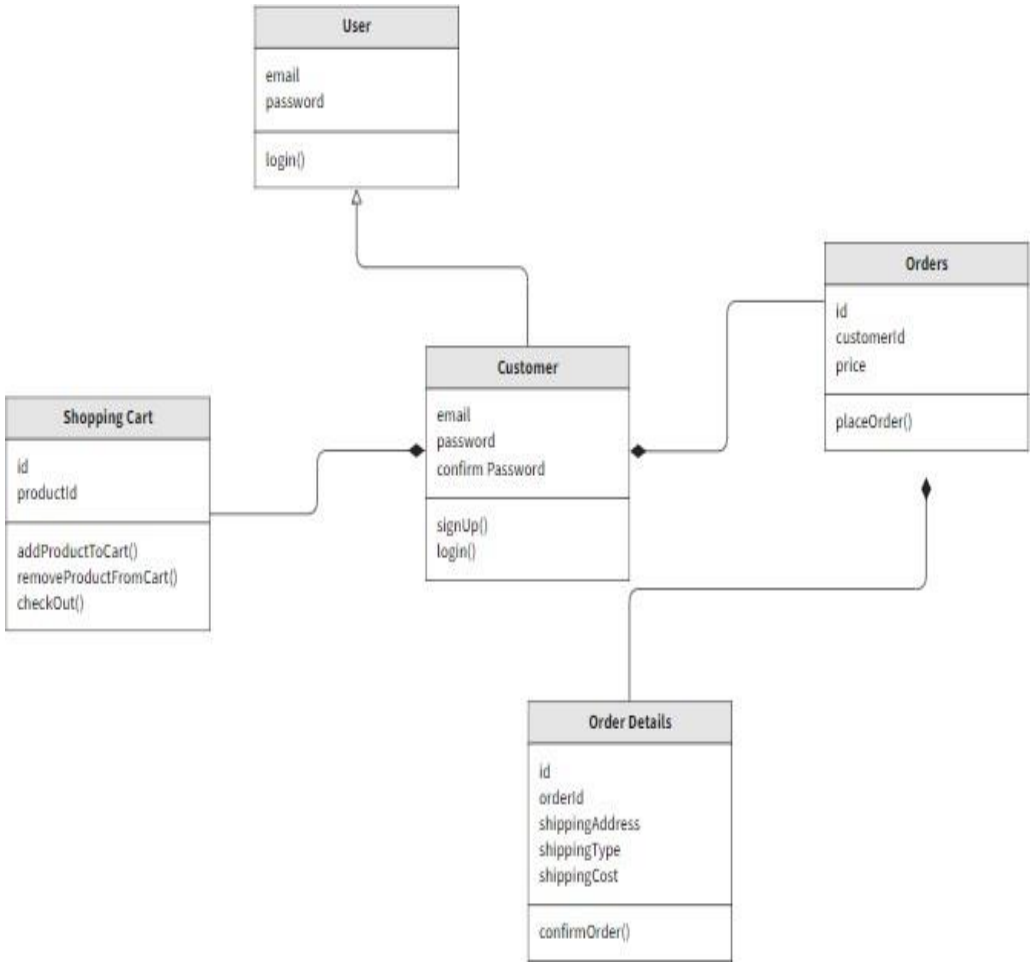
- ✓ Manage each products and details
- ✓ Pop up information or message should be easier to the user to read and understand them.
- ✓ Manage review and comments of each product.

7. Diagrams

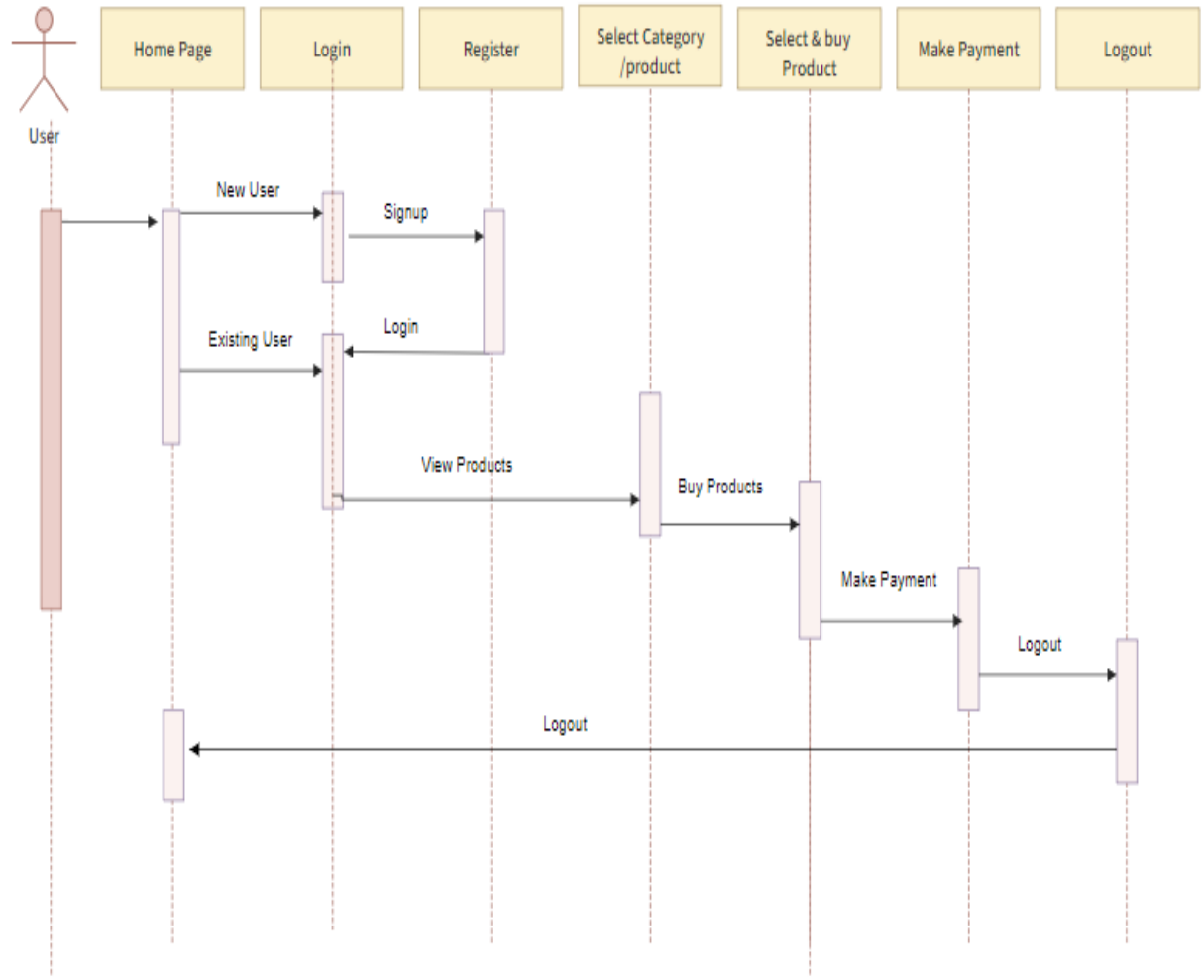
7.1 Use case diagram



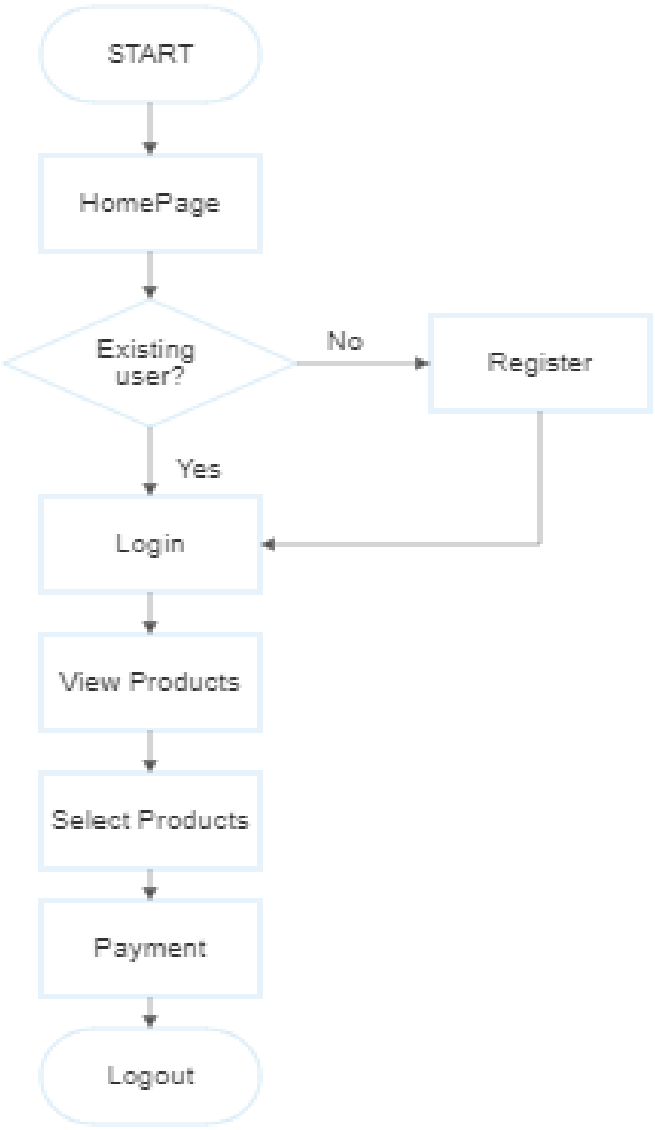
7.2 Class diagram



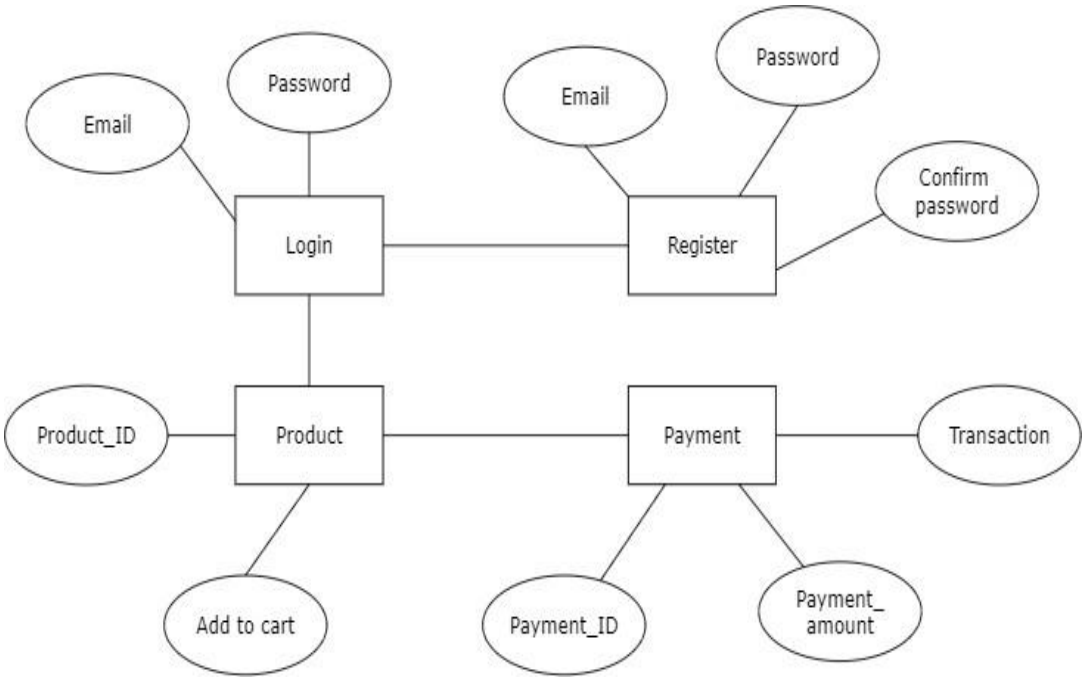
7.3 Sequence diagram



7.4 Flow chart diagram



7.5 Entity Relationship diagram



8. Conclusion

The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a web application and an android application for purchasing home décor items from a shop.