



Shop For Home

Capstone project
Batch C1
Group : G6

Shop For Home

- Capstone project
- C1 G6

Batch Members

1. Nikhil
2. Vivek Soni
3. Ayush Rajput
4. Deepanshu Kumar
5. Vaibhav Omar

Problem Statement

- **Shop For Home** is a popular store in the market for shopping the home decor stuff. Due to Covid-19, all the offline shopping stopped. So, the store wants to move to the online platforms and wants their own web application.
- To do the above web applications there are two Modules:-
 1. User
 2. Admin

SOLUTION

- Hence E – commerce web application came into picture.
- Where the vendors can sell their products online so that customers don't have to travel during these hard times and the business will be continued to run.

Objectives

- Our existing system **SHOP FOR HOME's** main objective is to allow people to buy and sell physical goods, services, and digital products over the internet. Through our **SHOP FOR HOME** website, a business can process orders, accept payments, manage shipping and logistics, and provide customer service.

The Three main Objectives are as follows :

- Find the best solution for their needs.
- Make a purchase.

Abstract

- E-Commerce is process of doing business through computers.
- A user can easily access all the facilities of the Internet to buy or sell the products.
- Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time.
- To achieve this we used MEAN Full Stack to develop an e-commerce system, **SHOP FOR HOME**.
- We used angular for developing the frontend part and Node Js for backend and to store the data we used MongoDB.

Abstract

To do the above web applications there are two Modules:-

- 1.User
- 2.Admin

FUNCTIONAL REQUIREMENTS

User Stories –

- As a user I should be able to login, Logout and Register into the application.
- As a user I should be able to see the products in different categories.
- As a user I should be able to add the products into the shopping cart.
- As a user I should be able to increase or decrease the quantity added in the cart.
- As a user I should be able to add “n” number of products in the cart.
- As a user I should be able to get the Wish list option where I can add those products which I want but don't want to order now.
- As a user I should get different discount coupons.
-

FUNCTIONAL REQUIREMENTS

Admin Stories –

- As an Admin I should be able to login, Logout and Register into the application.
- As an Admin I should be able to perform CRUD on Users.
- As an Admin I should be able to Perform CRUD on the products.
- As an Admin I should be able to get bulk upload option to upload a CSV for products details
- As an Admin I should be able to get the stocks.
- As an Admin I should be able to mail if any stock is less than 10.
- As an Admin I should be able to get the Sales Report.
- As an Admin I should be able to set the discount coupons for the specific users.

Software Requirements

Technologies:

- Angular
- Node JS,

Languages:

- Type Script
- Java Script
- HTML

- **Tools:**

Visual Studio code

MongoDB

System Specifications

HARDWARE REQUIREMENTS

Operating System:

- Windows 7/8/10/11
- Linux distros
- MacOS X or later.

Processor:

- Intel or AMD dual core x86 processor.

Ram:

- 2 GB or above.

Hard disk:

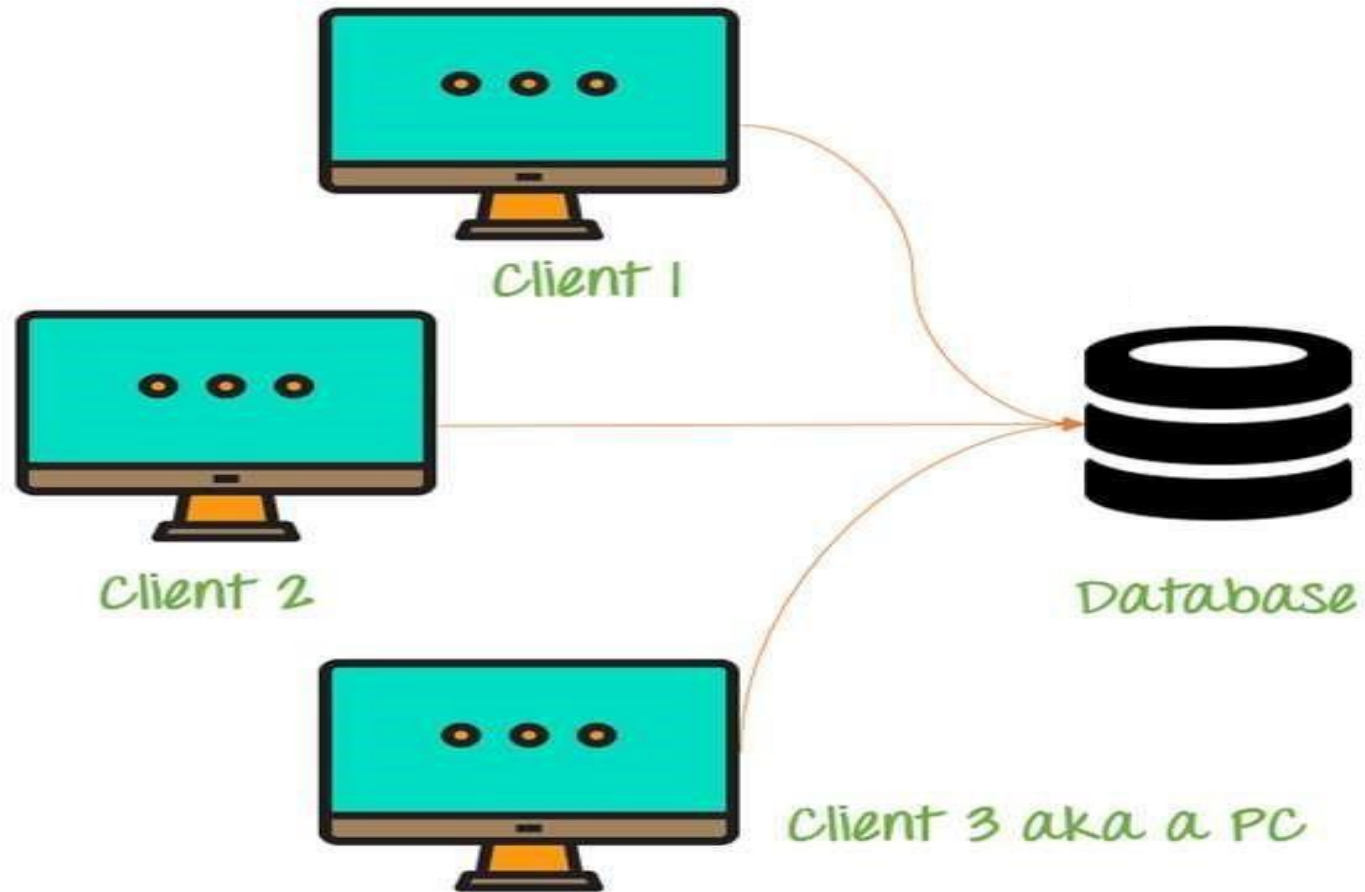
- 500 MB of free disk space or more.

Angular Architecture

There are main eight blocks of Angular:

- Module
- Component
- Metadata
- Template
- Data Binding
- Service
- Directive
- Dependency Injection

Data Base Architecture

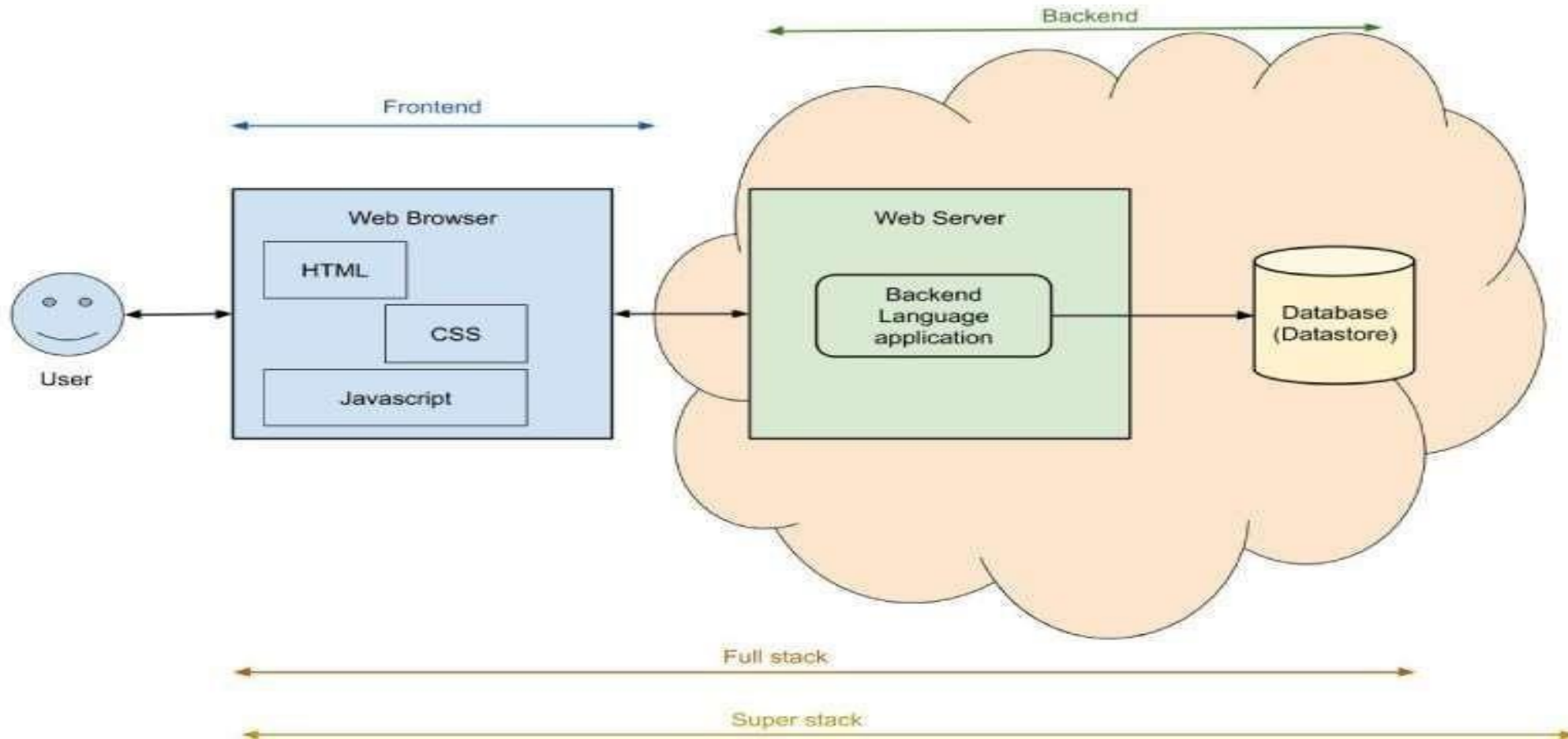


Data Base Architecture

Entities in the Database include :

- Product
- Users
- Admin

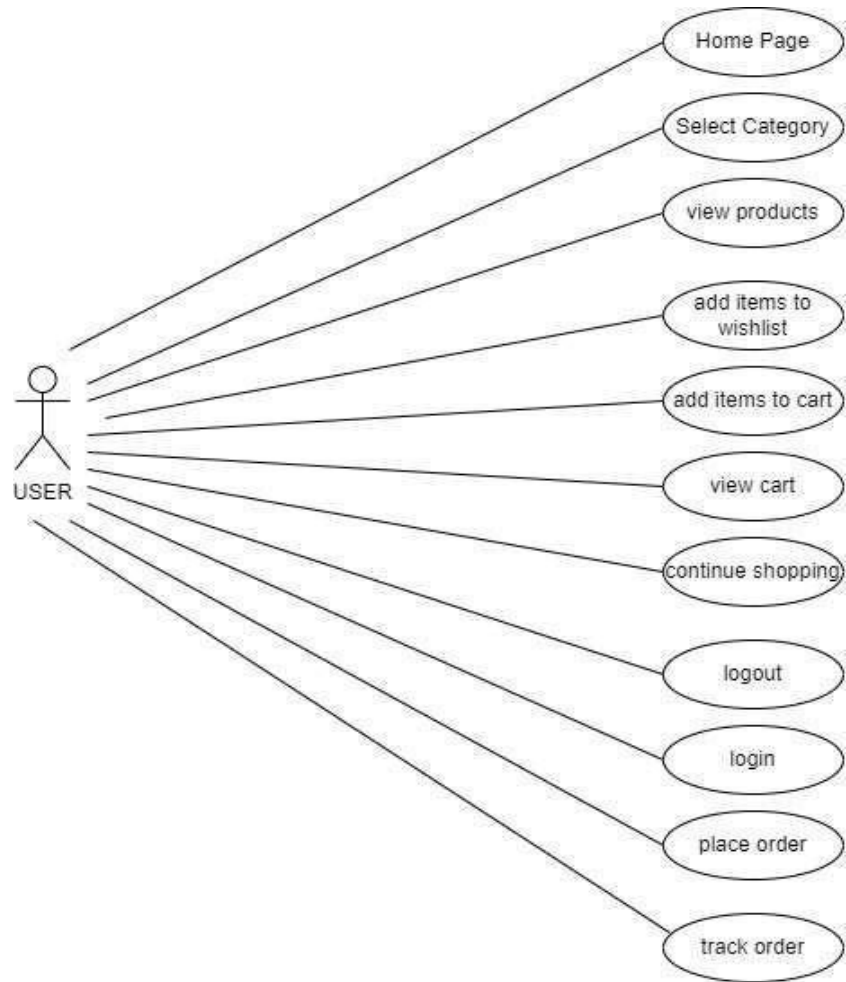
Total Project View



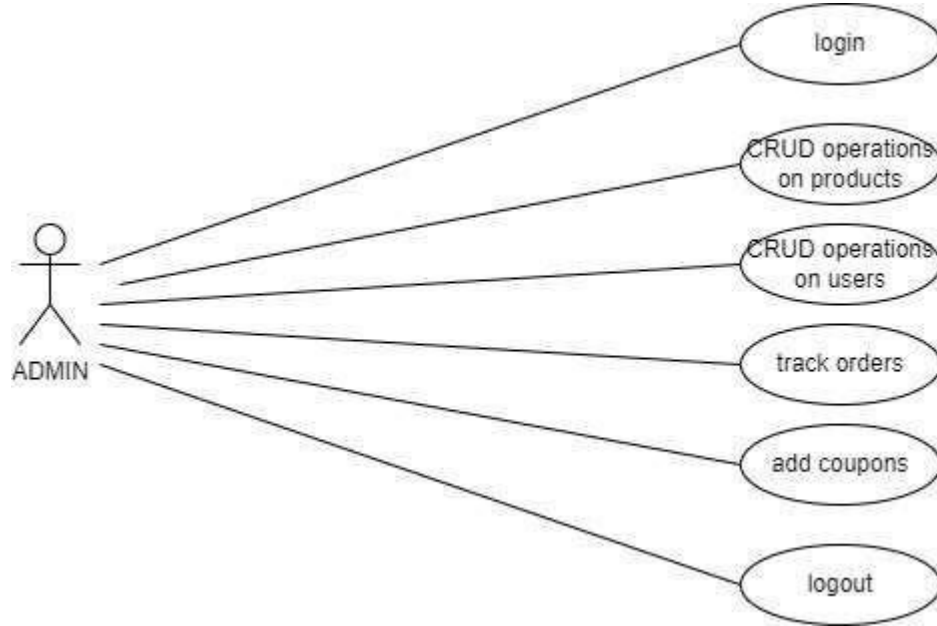
MODELING REQUIREMENTS



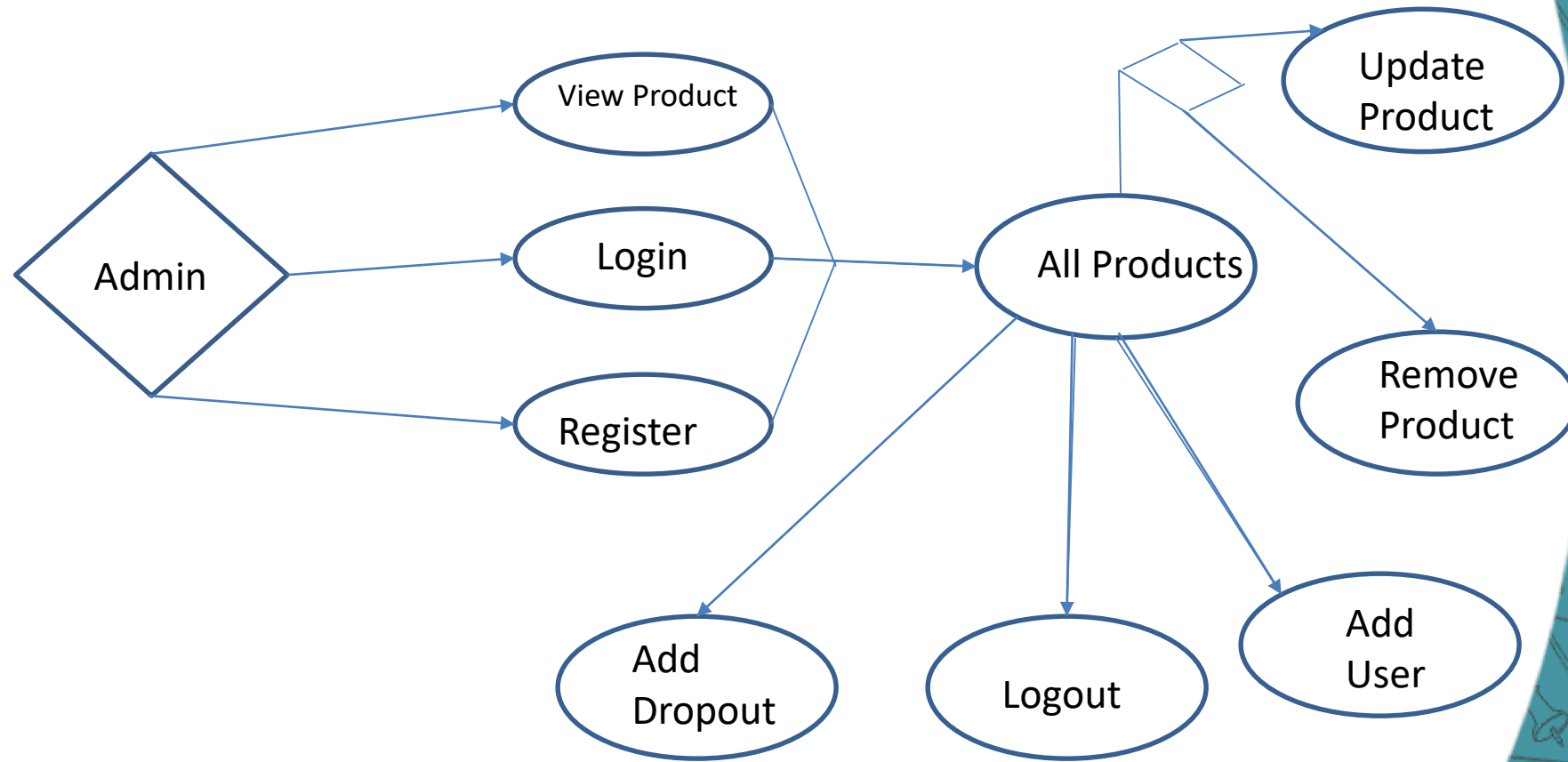
Functionality Of User:



Functionality Of Admin:



Admin State Chart Diagram



User Chart Diagram

