PROJECT REPORT ON COOPERATIVE STORE

A Project Report Submitted in the partial fulfillment for the award of the degree of Master of Computer Applications (2021-2023)

Undertaken at
Hoping Minds
E-299, Cooperate Green, Sector 75,
Mohali

Submitted by
Tamanna Rani
Roll No: 21071242

Under Supervision of
Internal Supervisor
Dr. Gagandeep Kaur

to
Department of Computer Science
Punjabi University, Patiala -147002
May 2023

Dated:

<u>CANDIDATE DECLARATION</u>

This is to certify that the project entitled Cooperative Store is my own work, carried out in Hoping Minds organization from Feb. 2023 to June 2023 under the external guidance of Mrs. Anita Sharma (AVP training) and internal supervision of Dr. Gagandeep Kaur.

<div align="right">

Tamanna Rani
21071242

</div>

<u>CERTIFICATE</u>

It is certified that the project entitled Cooperative Store is submitted in partial fulfillment of the requirement for the degree of Master of Computer Applications in the Department of Computer Science, Punjabi University, Patiala. This work has been done by Tamanna Rani a student of the Department.

This work is fit for the consideration of award of the said degree to her/him.

(Dr. Sukhjeet Kaur Ranade)   **(Dr. Gagandeep Kaur)**

Head of the Department   Department of Computer Science

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

I sincerely appreciate and thank **Mrs. Anita Sharma**, AVP training, Hoping Minds for her guidance, constructive comments, valuable suggestions, and inspiration. During the entire training session, I received endless help from her.

Also, it gives me immense pleasure to express my sincere and wholehearted sense of gratitude to our Training Coordinator **Ms. Aastha Sharma**, for her invaluable and untiring guidance and supervision throughout my training Period. To derive benefits from her enormous experience is a matter of great privilege for me.

I also take the opportunity to express my sincere thanks and full appreciation to **Dr. Gagandeep Kaur, Dr. Sukhjeet Kaur Ranade (HOD)** of the computer science department, and all the faculty members who extended their wholehearted cooperation, moral support, and rendering ungrudging assistance whenever and wherever need to be aroused.

Finally, I am thankful to the almighty God who had given me the good sense and confidence to complete my project successfully. I also thank my parents who were a constant source of encouragement. Their moral was indispensable.

<u>ABSTRACT</u>

 An online grocery store permits a customer to submit online orders for items and/or services from a store that severs online customers. The online store system presents an online display of all the items they want to sell. This web-based application help customers choose their daily needs and add products to their shopping cart. Customers provide their complete detail of address and contact and they get their chosen products in their homes. This web application saves lots of time for customers.

INDEX

Chapter 1 – Organizational Profile

1.1 Hoping Minds

Hoping Minds, also known as Katina Skills Private Limited, is a domestic company. Hoping Minds is a placement-oriented development program that helps students get into high-growth careers. They leverage a dynamic curriculum based on the real-time industry requirements of our partner firms.

They have specialties in Full Stack Development, Data Science, Electric Vehicle Design, and Hydro Carbon

1.2 Brief Information

Hoping Minds is a placement-oriented development program that helps students get into high-growth careers. We leverage a dynamic curriculum based on the real-time industry requirements of our partner firms. In addition, technical skills cover aptitude, communication, data interpretation, and interview preparation for students. The real-life learning experience has been developed in consultation with students and differentiates itself through a highly engaging and gamified program by industry experts. Our focus on hands-on development and corporate exposure enables our students to start delivering from day 1 of their jobs.

1.3 Team

Backed up by the professionals, young, and experts. The learning environment and innovative ideas cooperated by the team members emphasize the candidate to generate new ideas and bring career-building opportunities to them.

1.4 Philosophy

- To impart hardcore practical quality training among students/developers about the latest technologies trending today.
- To share knowledge of information security and create awareness in the market. The solution to clients as per the International standard practices and governance.
- To equip a local team with a strong knowledge of international best practices and international expert support so as to provide practical advisories in the best interests of our clients.

1.5 Vision

Our motto is to provide excellent opportunities that are responsible to fulfill the needs of students and empower them to meet challenges as active participants in shaping the future of the world.

1.6 Mission

Is to cultivate creativity and sensibility with an increased passion for learning in all sorts. We foster career and academic success through the development of critical thinking, effective communication, and an accessible and affordable learning environment that leads to the successful completion of certified courses. We embrace equity and accountability learning outcomes that's might be called **"YOUR FUTURE OUR MISSION "**

1.7 Values

- To strengthen students: By creating an educational environment meeting the student needs so that they can attain their goals.
- Excellence Maintaining high performance and integrity, leads to the achievement of career goals.

- Collaboration: Seeking from all the private sectors about job-oriented training and preparing the student for industrial as well as IT suits.
- Technical advancement: Implementing cutting-edge technology that enhances instructions and prepares students for lifelong success.

1.8 Services Offering

- Full Stack Web Development
- Electric Vehicle Design
- Cloud Computing
- Data Science

Chapter 2 – Problem Requirement

2.1 Problem Assigned

Having a poor search function is one of the biggest drawbacks when it comes to online shopping. Sometimes it may take a long time to find what we're looking for, sometimes it might return a lot of irrelevant results. Either way, it becomes tedious and frustrating. When using an online website to buy something, you expect to get exactly what you want at a good price; you do not expect to spend hours trying to find it!

2.2 Problem Statement

There are a lot of websites on the internet whereby it offers a variety of products and services for the consumer can find and buy online such as grocery, dairy products, fruits, and more. Moreover, online also provides some services which are paying a bill online and more. In this research, we are looking at the problem addressed by this research which is the view of online shopping by consumers.

2.3 Processing Environment

Hardware Requirements –

- SSD 512 GB
- RAM 8 GB
- Processor Intel i-3 11th Gen
- HP Laptop 15s
- Display 16-bit color.
- 64-bit operating system

Software Requirements –

- Visual Studio Code
- Node JS
- NPM
- React Framework
- Operating System – Windows 11
- MongoDB
- Google Chrome, Firefox

Chapter 3 – Feasibility Analysis

3.1 Introduction to Feasibility Study

Feasibility is the determination of whether a project is worth doing the process followed by making this determination is called a feasibility study. This of course determines if a project can and should be taken. Once it has been determined that a project is feasible, the analyst can go ahead and prepare the project specification which finalizes project requirements. Generally, feasibility studies are undertaken within the right time constraints and normally culminate in a written and oral feasibility report. The contents and recommendations of such a study will be used as a sound basis for deciding whether to proceed, postpone or cancel the project. Thus, since the feasibility study may lead to the commitment of large resources, it becomes necessary that it should be conducted competently and that no fundamental errors of judgment are made.

There are the following types of interrelated feasibility. They are:

- Technical feasibility

- Economic feasibility

- Operational feasibility

3.2 Technical Feasibility

This is concerned with specifying equipment and software and hardware that will successfully satisfy the user requirement. The technical needs of the system may vary considerably but might include:

- The facility to produce output in the required given time.
- Response time under certain conditions.
- Ability to process a certain volume of transactions at a particular speed.
- Facility to communicate data to distant locations.

In examining technical feasibility, the configuration of the system is given more importance than the actual making of hardware. The configuration should give a complete picture of the system requirements. What speeds of input and output should be achieved at the particular quality of printing?

According to the definition of technical feasibility, compatibility between the front-end and back-end is very important. In our project, the compatibility of both is very good. The degree of compatibility of dependencies and ams fortify is quite impressive. The

speed of scanning the repository of a specific task is genuinely fast and the accuracy of identifying the alien files is above 95% which is a far better result than we expected.

We use React JS in designing the front end of almost all the projects that are running currently inside the organization. We choose this framework due to the following reasons –

- Improved Design Architecture
- Promotes Code Reusability
- Handle Dependencies
- Allow Parallel Development

In the present scenario, React Framework is being used to detect alien files and perform all sorts of backend stuff.

- Flexible Deployment
- Open Source Framework
- Simple Caching System
- Interoperability

With the help of the above support, we remove defects in existing software. In the future, we can easily switch over any plate form. To ensure that system does not halt in case of undesired situations or events. The problem affected by any module does not affect any module of the system. A change of hardware does not produce a problem.

3.3 Operational Feasibility

- It is mainly related to human organizational and political aspects. The points to be considered are:
- What changes will be brought with the system?
- What organizational structures are disturbed?
- What new skills will be required?
- Do the existing staff members have these skills?
- If not, can they be trained in due course of time?

At the present stage, all the work is done manually. So, throughput and response time are too much. The major problem is the lack of security checks that should have been applied. In case of any problem, no one can solve the problem until the person responsible is not present. Current communication is entirely on the telephonic conversation on Microsoft Teams or personal meetings. Post computerization, staff can interact using email and Teams. Now, we will explain the last point of operational

feasibility i.e. handling and keeping of software, at every point of designing I will take care that menu options are not too complex and can be easily learned, and required the least amount of technical skills as operators are going to be from the non-computers background.

3.4 Economic Feasibility

In the Economic Feasibility study cost and benefit of the project are analyzed. This means under this feasibility study a detailed analysis is carried out will be the cost of the project for development which includes all required costs for final development hardware and software resources required, design and development cost and operational cost, and so on. After that, it is analyzed whether the project will be beneficial in terms of finance for the organization or not.

Chapter 4 – Project Plan

4.1 Team Structure

```
                    ┌──────────────┐
                    │  AVP Traning │
                    └──────────────┘
                           ▲
                           │
                    ┌──────────────┐
                    │ Sr. Engineer │
                    └──────────────┘
                           ▲
                           │
┌──────────────┐          │          ┌──────────────┐
│  Engineer I  │──────────┴──────────│  Engineer II │
└──────────────┘                     └──────────────┘
       ▲                                    ▲
       │                                    │
┌──────────────┐                     ┌──────────────┐
│ Jr. Engineer │─────────────────────│   Trainee    │
└──────────────┘                     └──────────────┘
```
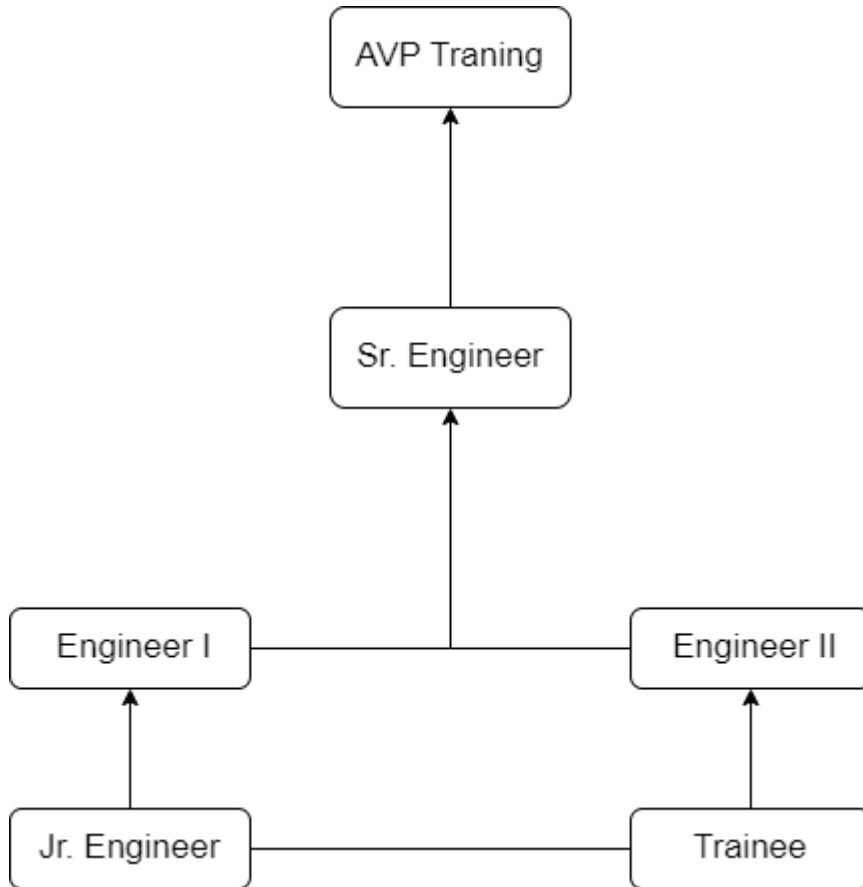
Sr Engineer – Here Engineer is responsible for assigning a task to the team members, engineer acts as the leader of the team. The problem statement was introduced to the team by the manager and responsibilities are assigned to the subordinates.

Engineer I – Here an individual started working on the assigned task, in the current case all the backend services are under the supervision of Engineer I.

Engineer II – Here an individual is responsible for the frontend part and also giving instruction to the graduate engineer and guiding them on how to perform tasks.

Jr. Engineer – Here the trainee follows each and every instruction which is given by the senior and performs the task accordingly.
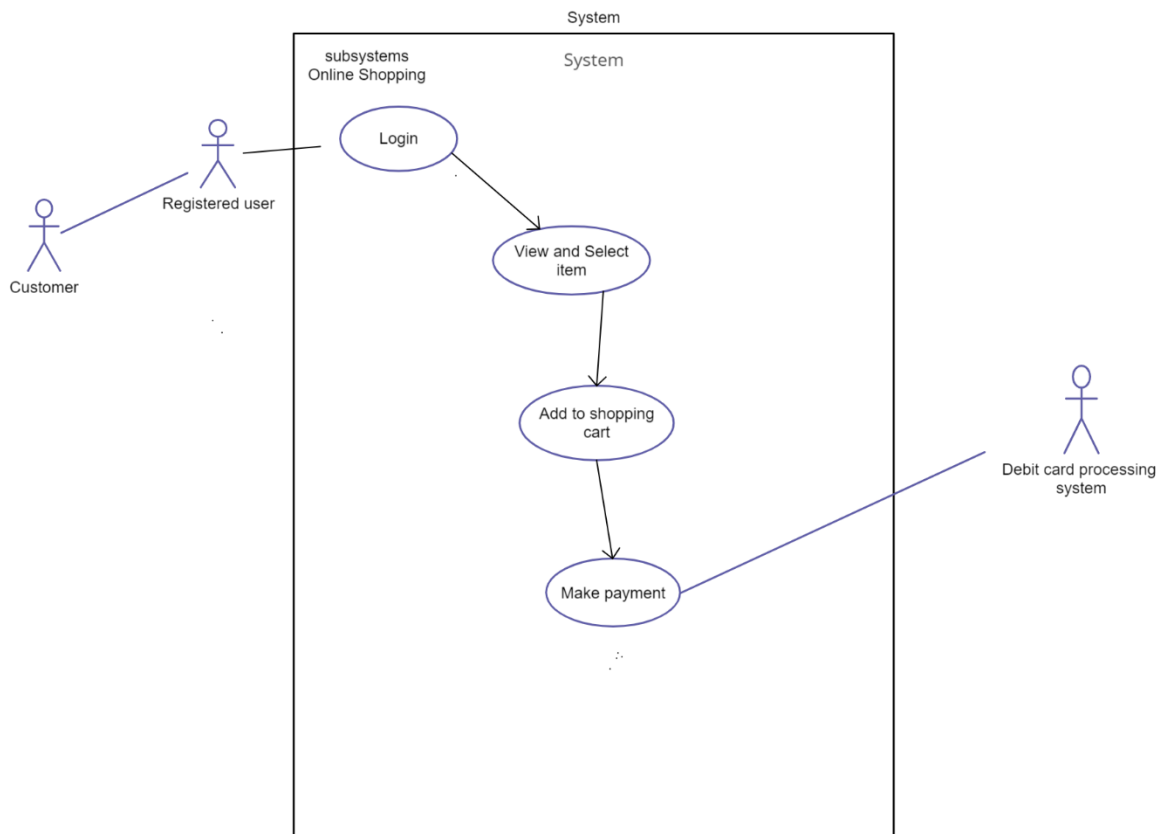
4.2 Development Schedule

Gantt Chart:

PHASE	DAY 1	DAY 2	DAY 4-9	DAY 10-15	DAY 16-20	DAY 21-25	DAY 26-28	DAY 29-30
PLANNING	███	███						
REQUIREMENTS ANALYSIS			███					
DESIGN				███				
CODING					███	███		
TESTING							███	
IMPLEMENTATION								███

Chapter 5 – Design and Working

5.1 Brief on the working of the Store

Use-Case Diagram

Brief description of the Diagram: Customers have to register by themselves.

Step By Step Description:

>Step 1: From the Home page new Customers click on the register button for registration, after opening a page their fill in details accurately.

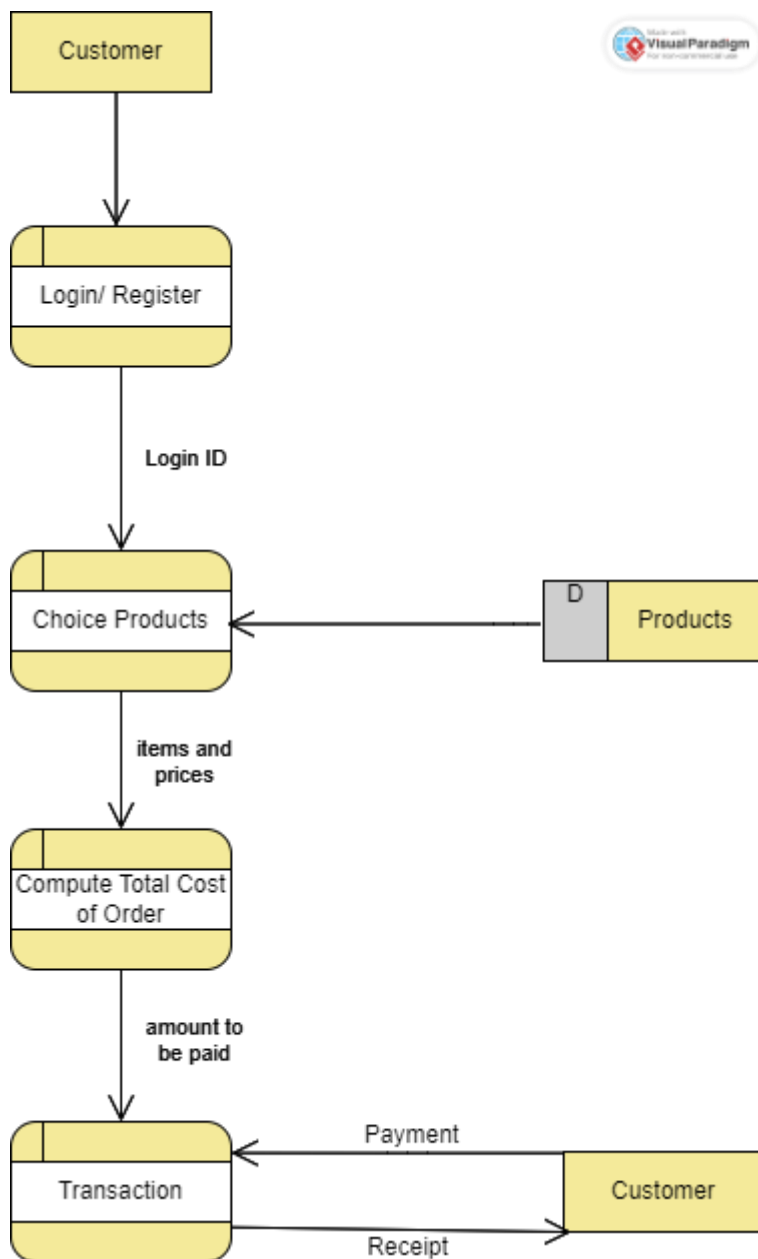>Step 2: Successfully register and open the page of login.

>Step 3: Fill ID and Password.

Step 4: You reach the page where you can view all the items.

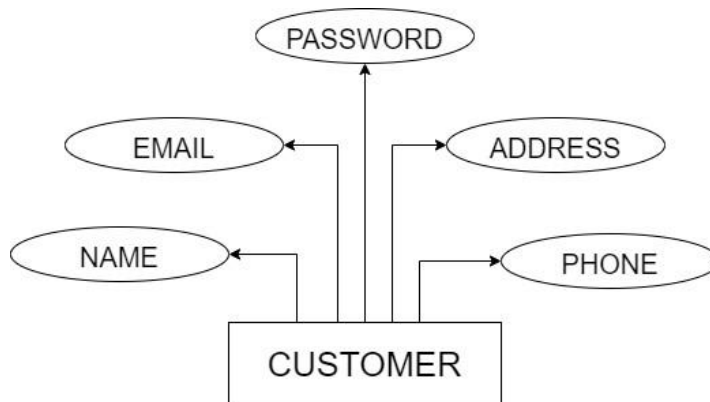Step 5: Select according to their new, and add to the cart.

Step 6: Make payment by using Debit Card after filling in the correct details.

5.2 Detailed DFD

5.3 Database Design

1). Customer Registration:

DATA ITEM	TYPE	DESCRIPTION	CONSTRAINTS
EMAIL	VARCHAR	Email of Customer	PRIMARY KEY(FK)
NAME	VARCHAR	Name of Customer	NOT NULL
PASSWORD	VARCHAR	Password	NOT NULL
PHONE	VARCHAR	Phone Number	NOT NULL
ADDRESS	VARCHAR	Address	NOT NULL

2). Product:
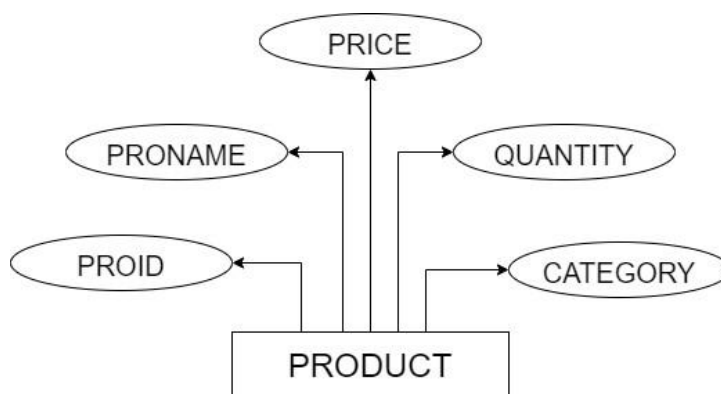
DATA ITEM	TYPE	DESCRIPTION	CONSTRAINTS
PROID	VARCHAR	ID for Product	PRIMARY KEY
PRONAME	VARCHAR	Name of Product	NOT NULL
PRICE	INTEGER	Price of Product	NOT NULL
QUANTITY	VARCHAR	Quantity of Product	NOT NULL
CATEGORY	VARCHAR	Category of Product	NOT NULL

Chapter 6 – Literature Survey

6.1 Brief on Frontend Technologies Used

- HTML
- CSS
- JavaScript
- Bootstrap

6.2 Brief on HTML

HTML, an initialism of Hyper Text Markup Language, is the predominant markup language for Web pages. It provides a means to describe the structure of text-based information in a document by denoting certain text as links, headings, paragraphs, lists, and so on and to supplement that text with interactive forms, embedded images, and other objects. HTML is written in the form of tags, surrounded by angle brackets. HTML can also describe, to some degree, the appearance and semantics of a document, and can include embedded scripting language code (such as JavaScript) which can affect the behavior of Web browsers and other HTML processors.

6.2.1 ELEMENTS: An element is defined by an opening tag, content, and a closing tag. Syntax:

<tag Name> Content goes here </tag Name>
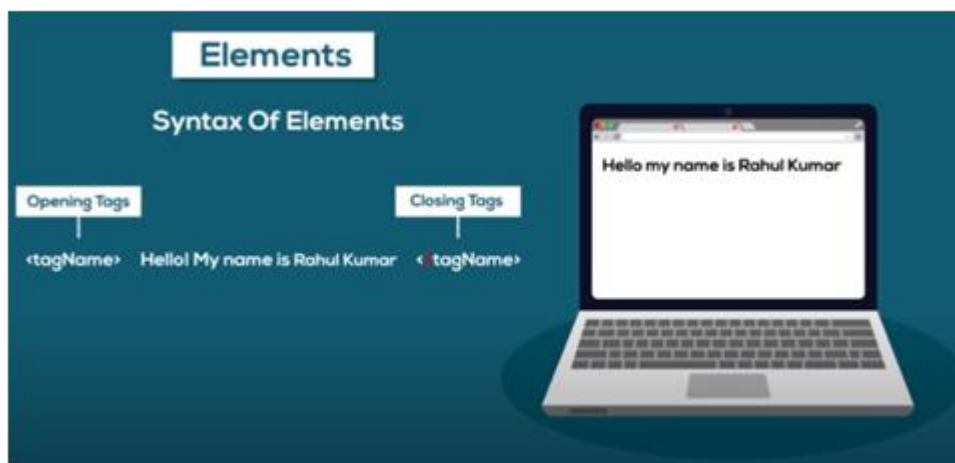
6.2.2 ATTRIBUTES: Attributes provide additional information about an element. These are always specified in the opening tag. Syntax: <tag Name attribute Name = "attribute Value">
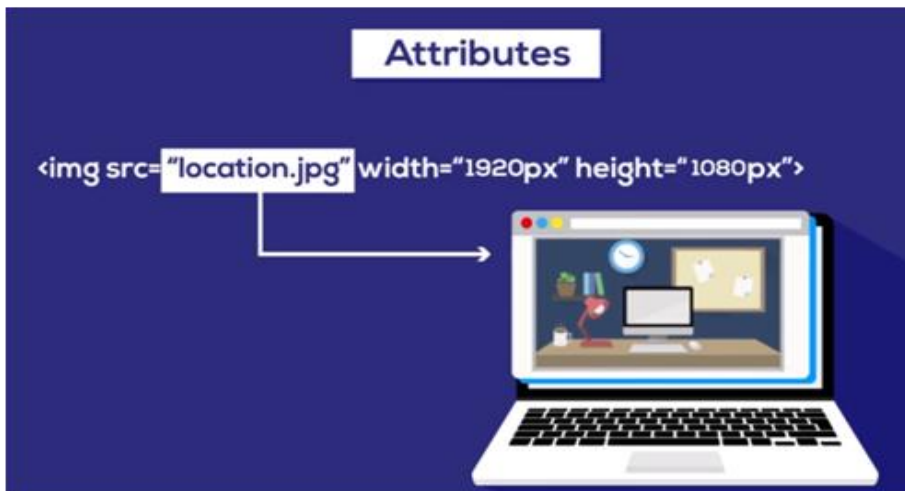
6.2.3 HTML DOCUMENT

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>
<h1>My First Heading</h1>
<p>My first paragraph</p>
</body>
</html>
```

6.2.4 HTML Tags

- <div>: It is used to create different sections in a webpage.

- <img>: Used to insert an image.

- <header>: Used to create the header of the page.

- <footer>: Used to create a footer of the page.

- <p>: For paragraphs.

- <a>: To create hyperlinks.

6.3 Brief on CSS

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in a markup language. Its most common application is to style web pages written in HTML and XHTML, but the language can be applied to any kind of XML document, including SVG and XUL.

CSS can be used locally by the readers of web pages to define colors, fonts, layout, and other aspects of document presentation. It is designed primarily to enable the separation of document content (written in HTML or a similar markup language) from document presentation (written in CSS). This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, and reduce complexity and repetition in the structural content (such as by allowing for tableless. CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader), and on Braille-based, tactile devices. CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called cascade, priorities or weights are calculated and assigned to rules, so that the results are predictable.

Syntax: selector{ property : value ; }

6.3.1 DIFFERENT TYPES OF CSS

1. **INLINE CSS:** Inline CSS contains the CSS property in the body section attached with an element is known as inline CSS. This kind of style is specified within an HTML tag using the style attribute.

2. **INTERNAL OR EMBEDDED CSS:** This can be used when a single HTML document must be styled uniquely. The CSS rule set should be within the

HTML file in the head section i.e. the CSS is embedded within the HTML file.

3. **EXTERNAL CSS:** External CSS contains a separate CSS file which contains only style property with the help of tag attributes (For example class, id, heading, … etc.). CSS property written in a separate file with .css extension and should be linked to the HTML document using link tag. This means that for each element, style can be set only once and that will applied across webpages.

6.4 Brief on JavaScript

JavaScript is a scripting language widely used for client-side web development. It was the originating dialect of the ECMAScript standard. It is a dynamic, weakly typed, prototype-based language with first-class functions. JavaScript was influenced by many languages and was designed to look like Java, but be easier for non-programmers to work with.

Although best known for its use in websites (as client-side JavaScript), JavaScript is also used to enable scripting access to objects embedded in other applications.

JavaScript, despite the name, is essentially unrelated to the Java programming language, although both have the common C syntax, and JavaScript copies many Java names and naming conventions. The language's name is the result of a comarketing deal between Netscape and Sun, in exchange for Netscape bundling Sun's Java runtime with their then-dominant browser. The key design principles within JavaScript are inherited from the self and Scheme programming languages.

6.4.1 FEATURES OF JAVASCRIPT

- It is a light-weighted and interpreted language.
- It is a case-sensitive language.
- It provides good control to the users over the web browsers.
- All popular web browsers support Javascript as they provide built-in execution environments.
- It is supportable in several operating systems including Windows, Linux etc.
- It is a structured programming language.

6.4.2 APPLICATIONS OF JAVASCRIPT

- Client-side validation
- Dynamic drop-down menus
- Displaying date and time
- Displaying pop-up windows and dialog boxes
- Displaying clocks, etc.

6.5 Brief on Bootstrap

Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. Nowadays, the websites are perfect for all the browsers (IE, Firefox, and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones). All thanks to Bootstrap developers – Mark Otto and Jacob Thornton of Twitter, though it was later declared to be an open-source project.

6.6 Brief on Frontend Technologies Used

- Node.js
- Express.js
- MongoDB

6.7 Node.JS

Node.js is an Open Source server environment. This is free and runs on various platforms like on Windows, Linux, MacOs etc. Node.js uses JavaScript on the server side.

6.7.1 WHY NODE.JS?

Node.js uses asynchronous programming!

A common task for a web server can be to open a file on the server and return the content to the client.

Here is how Node.js handles a file request:

- Sends the task to the Computer's file system.
- Ready to handle the next request.
- When the system has opened and read the file, the server returns the content to the client. Node.js simply eliminates the waiting, and simply continues the next request.

Node.js runs single-threaded, non-blocking, asynchronous programming which is very memory efficient.

6.7.2 WHAT CAN NODE.JS DO?
- Node.js can generate dynamic page content.
- Node.js can create, read, update, write, delete and close files on the server
- Node.js can collect from data
- Node.js can add, delete, modify data on the database

6.7.3 WHAT IS NODE.JS FILE?
- Node.js files contains task that will be executed on certain events.
- Node.js files have extension ".js".
- Node.js files must be initiated on the server before having any effect.
- A typical event is someone trying to access a port on the server.

6.8 Express.JS

Express is a node js web application framework that provides broad features for building web and mobile applications. It is used to build a single page, multipage, and hybrid web application. It's a layer built on the top of the Node js that helps manage servers and routes.

6.8.1 WHY EXPRESS.JS?

- Express was created to make APIs and web applications with ease
- It saves a lot of coding time almost by half
- It is written in JavaScript as JavaScript is an easy language even if you don't have any previous knowledge of any language.

The reason behind creating an express framework for node.js is:

- Time-efficient
- Fast
- Economical
- Easy to learn
- Asynchronous

6.8.2 FEATURES OF EXPRESS.JS

- **Fast Server-Side Development:** The features of node.js helps express saving a lot of time.
- **Middleware:** It is a request handler that has access to the application's request-response cycle.
- **Routing:** It refers to how an application's endpoint's URLs respond to client requests.
- **Templating:** It provides template engine to build dynamic content on the web pages by creating HTML templates on the server
- **Debugging:** Express makes it easier as it identifies the exact part where bugs are

6.8.3 ADVANTAGES OF USING EXPRESS WITH NODE.JS

- Express is Unopiniated, and we can customize it
- For request handling, we can use middleware
- A single language is used for frontend and backend development
- Express is fast to link with databases like MongoDb, MYSQL etc.
- Express allows dynamic rendering of HTML pages based on passing

20

arguments to templates.

6.8.4 LIMITATIONS OF EXPRESS.JS

- There are so many issues with callbacks
- The error messages that will come are challenging to understand
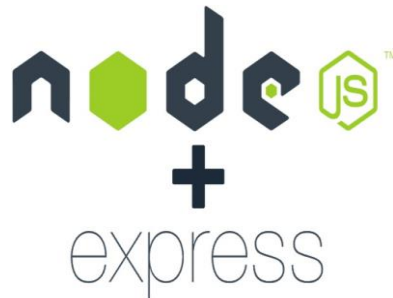
6.9 MONGODB

MongoDB is a Nosql database. It is an open-source, cross-platform, document-oriented database written in C++. MongoDB is an open-source document database that provides high performance, high availability, and automatic scaling. In simple words, we can say that - MongoDB is a document-oriented database. It is an open source product, developed and supported by a company named 10gen. MongoDB is available under General Public license for free, and it is also available under Commercial license from the manufacturer.

The manufacturing company 10gen has defined MongoDB as:

"MongoDB is a scalable, open source, high performance, document-oriented database." - 10gen

MongoDB was designed to work with commodity servers. Now it is used by companies of all sizes, across all industries.

6.9.1 PURPOSE OF BUILDING MONGODB

- Scalability
- High Performance
- High Availability

- Develop Faster
- Deploy Easier
- Scale Bigger

6.9.2 FEATURES OF MONGODB

- **Support ad hoc queries:** In MongoDB, you can search by field, range query and it also supports regular expression searches.
- **Indexing:** You can index any field in a document.
- **Replication:** MongoDB supports Master Slave replication. A master can perform Reads and Writes and a Slave copies data from the master and can only be used for reads or back up (not writes)
- **Duplication of data:** MongoDB can run over multiple servers. The data is duplicated to keep the system up and also keep its running condition in case of hardware failure.
- **Load balancing:** It has an automatic load balancing configuration because of data placed in shards.
- It is a schema-less database written in C++.
- Easy to administer in the case of failures.
- Provides high performance.
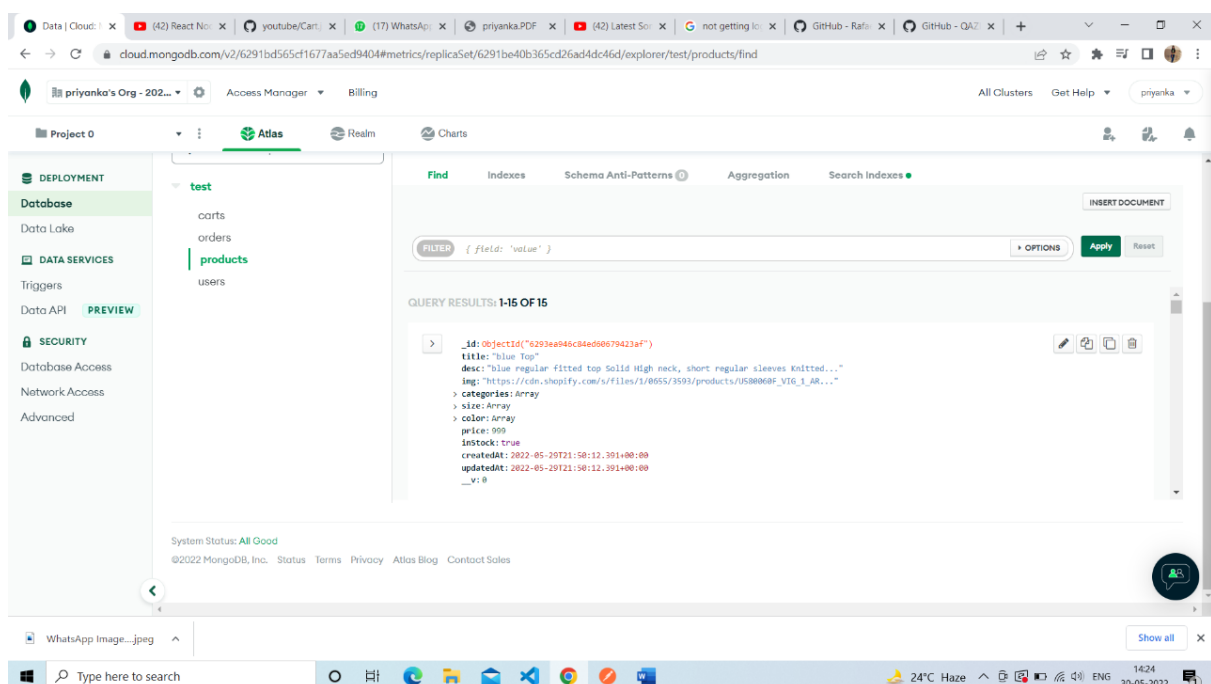
- Stores files of any size easily without complicating your stack.

6.10 Development Tool

The development tool used in this project is **Visual Studio Code**. Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).
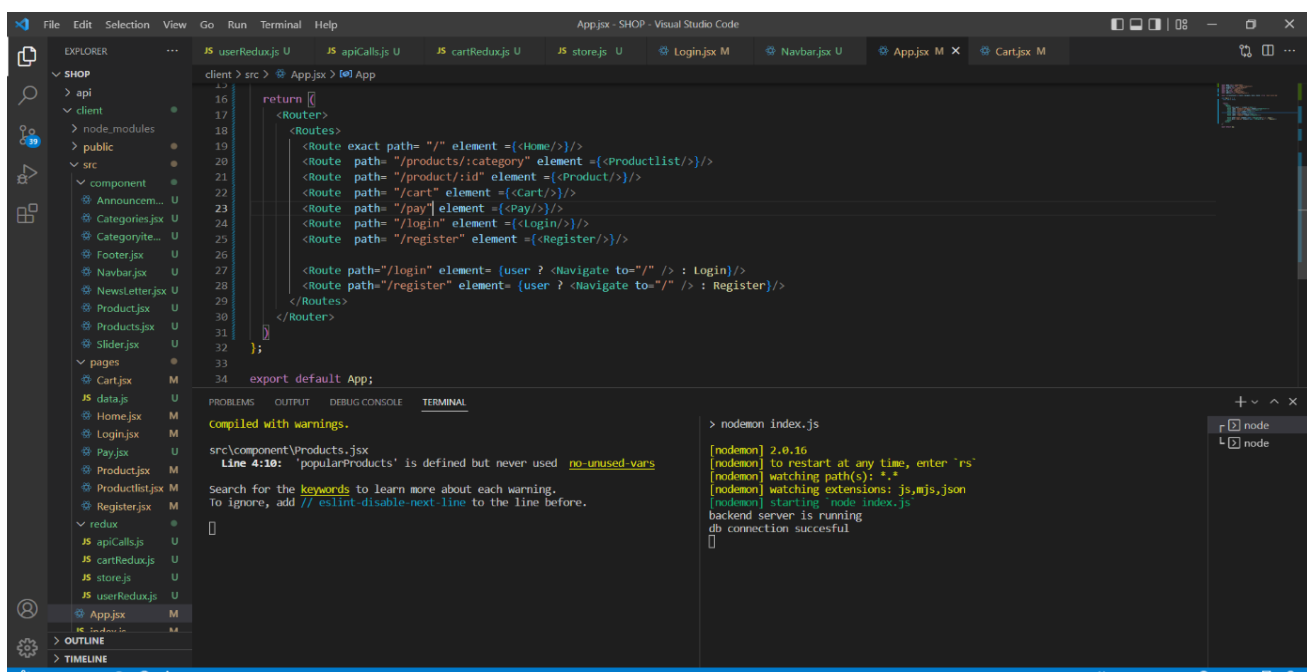
6.10.1 FEATURES OF VISUAL STUDIO CODE

- Support for multi-programming Languages
- Intelli-Sense
- Cross Platform Support
- Extension Support
- Terminal Support
- Commenting

Chapter 7 – Introduction to Project

7.1 INTRODUCTION

This Online Grocery project aims at providing the user to buy grocery online. Cooperative Store allows users to buy items of their choice from a wide range of products.

In this customer can browse products. This is a simple user interface which displays the grocery, and all details. It also provides the categories. In this customer can add products into according to choice. This website is inspired by online app like instamart.com blinkit.com.

7.2 DIFFERENT MODULES

- **LOGIN MODULE:** It takes the username and password from the user and after matching the username and password it gets logged in.
- **HOME PAGE MODULE:** It is responsible for fetching the properties, types of properties, featured properties from the database and showing them on the home page and also takes the input from the user about destination, start and end dates.
- **LIST OF CATEGORIES:** It shows all the categories available in the store.
- **ADD TO CART:** This module shows the detailed information of the product to add in cart.
- **CONTACTUS MODULE:** This module helps the user to contact in store.

7.3 WORKING

- Firstly, it will take you to the login page, where the user needs to fill his/her credentials like username and password and if it's matched it gets logged in. otherwise it re-direct to register page.
- After the successful login it will take u to the home page, where you get the

navigation bar.

- Below you have category section in which we mention about our store category.
- After click any category we get products from that section and we can check details of that product just by click it.
- Alter clicking any product it will redirect us to that product page where all details mentioned about that product like price, quantity, description.
- If we like that product so we can add it into cart, we can add more than 1 quantity into cart and click on checkout for order that product.
- To make site interesting we set a slider of 3 slides on which we mention about our products.

Chapter 8 – Project Snapshots

8.1 LOGIN PAGE:

This page takes the username and password from the user and after matching it from the database it gets logged in. In case, it is not matched it will show the message like wrong password or username. If user is new it redirect user to register page.
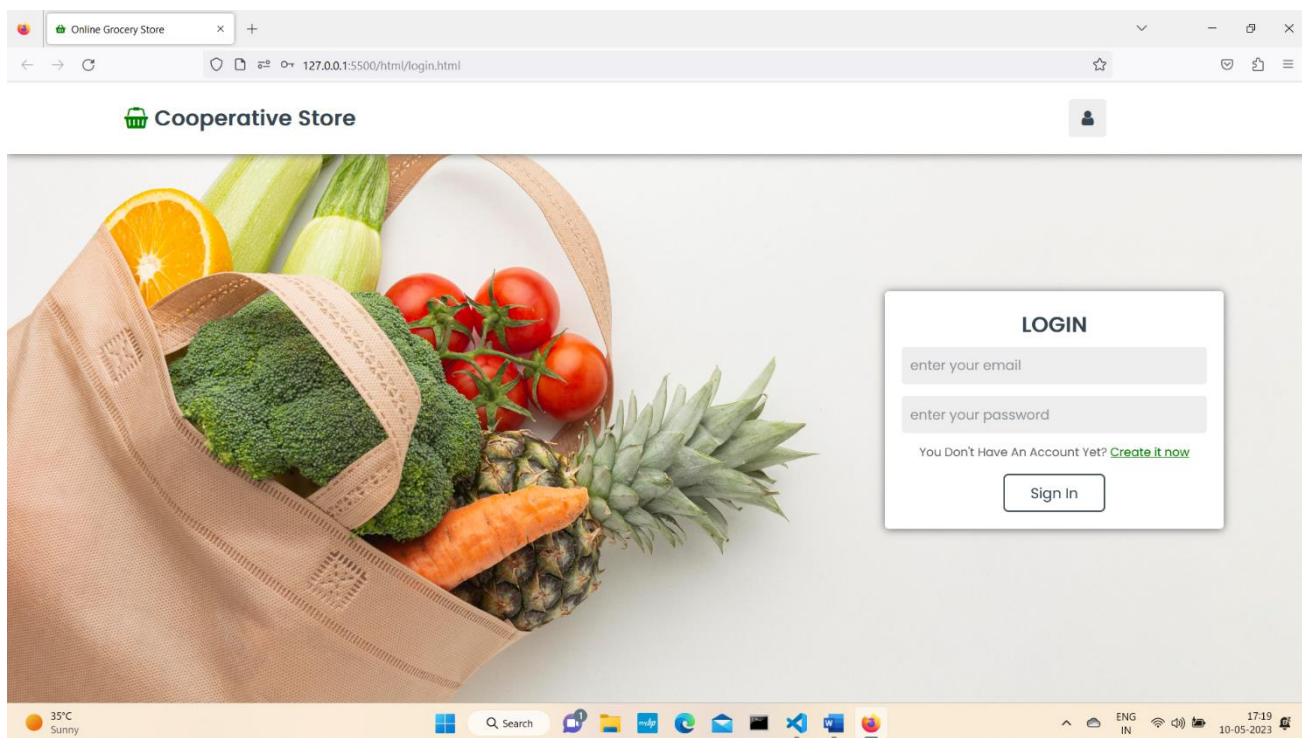
CODE:

```
<div class="login-form">
    <h3>Login</h3>
    <input type="email" placeholder="enter your email" class="box" />
    <input type="password" placeholder="enter your password" class="box" />
    <span
      >You Don't Have An Account Yet?
      <button id="signup">Create it now</button></span>
    <button class="btn">Sign In
      <a href="index.html"></a>
    </button><br/>
  </div>
```

8.2 REGISTER PAGE:
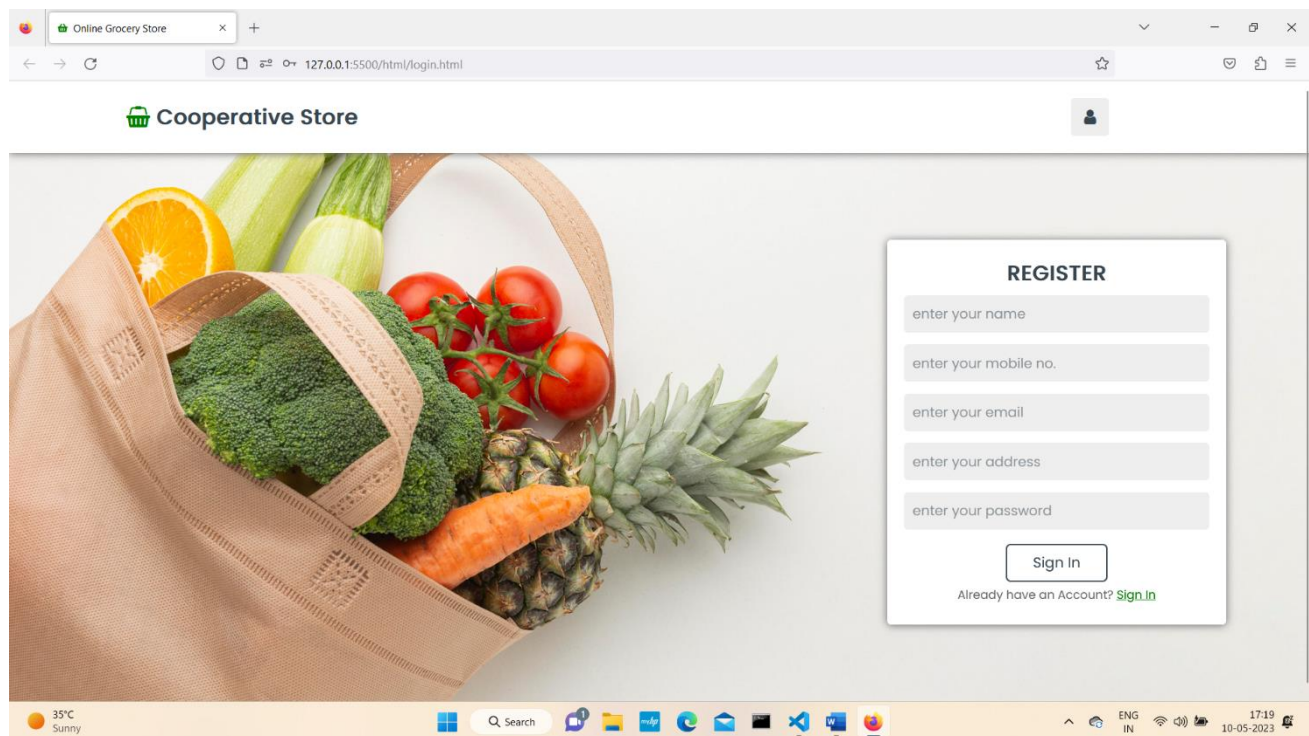
CODE:

```
<div class="registration-form" style="top: 220%;">
    <h3>Register</h3>
    <input type="text" placeholder="enter your name" class="box" />
    <input type="text" placeholder="enter your mobile no." class="box" />
    <input type="text" placeholder="enter your email" class="box" />
    <input type="text" placeholder="enter your address" class="box" />
    <input type="text" placeholder="enter your password" class="box" />
    <button class="btn">Sign In</button><br />
    <span>Already have an Account? <button id="signin">Sign In</button></span>
</div>
```

8.3 HOME PAGE:

After the successful login, It will redirect to the home page where you can see the navigation bar with some images for making website more creative. We can click on any element in the navigation bar to reach. After scrolling down we gave four option to user for which category he/she want to select products. We have three slides in our

slider.
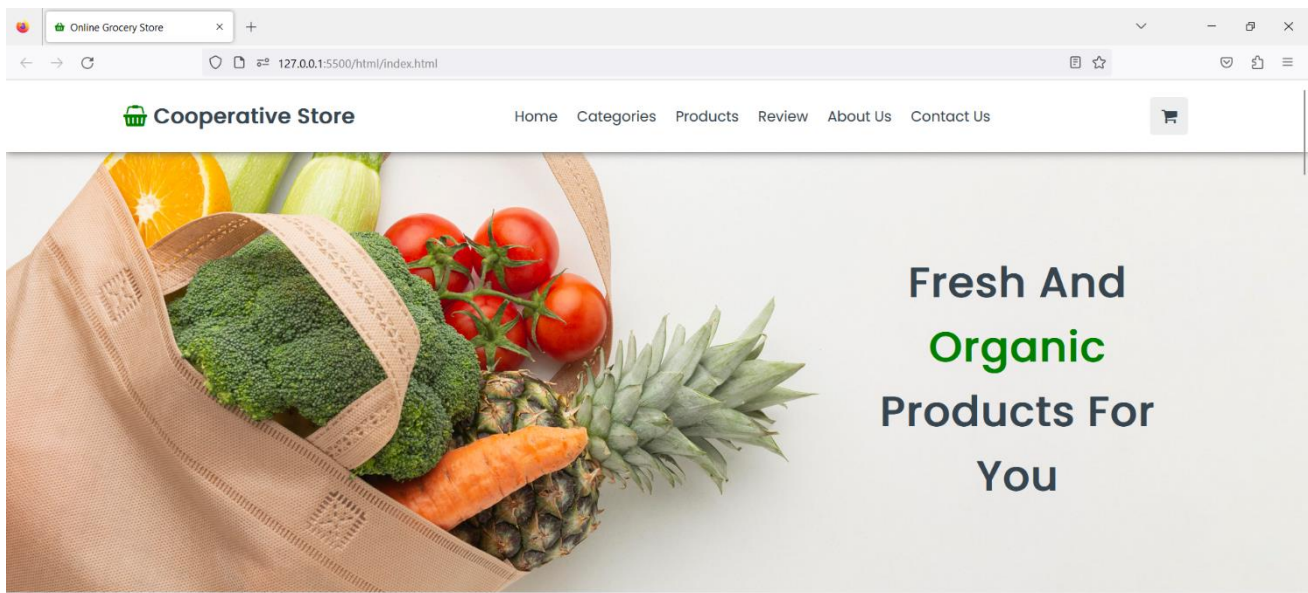
CODE:

```html
<a href="#" class="logo">
    <i class="fa fa-shopping-basket" aria-hidden="true"></i>
    Cooperative<span> Store</span></a>
  <nav class="navbar">
   <a href="#home">Home</a>
   <a href="#categories">Categories</a>
   <a href="#products">Products</a>
   <a href="#review">Review</a>
   <a href="#aboutus">About Us</a>
   <a href="#contactus">Contact Us</a>
  </nav>

  <div class="icons">
   <div class="fa fa-bars" id="menu-btn"></div>
   <div class="fa fa-shopping-cart" id="cart-btn"></div>
  </div>

<section class="home" id="home">
  <div class="content">
    <h3>Fresh And <span>Organic</span> Products For You</h3>
  </div>
 </section>
```

8.4 CATEGORY PAGE:
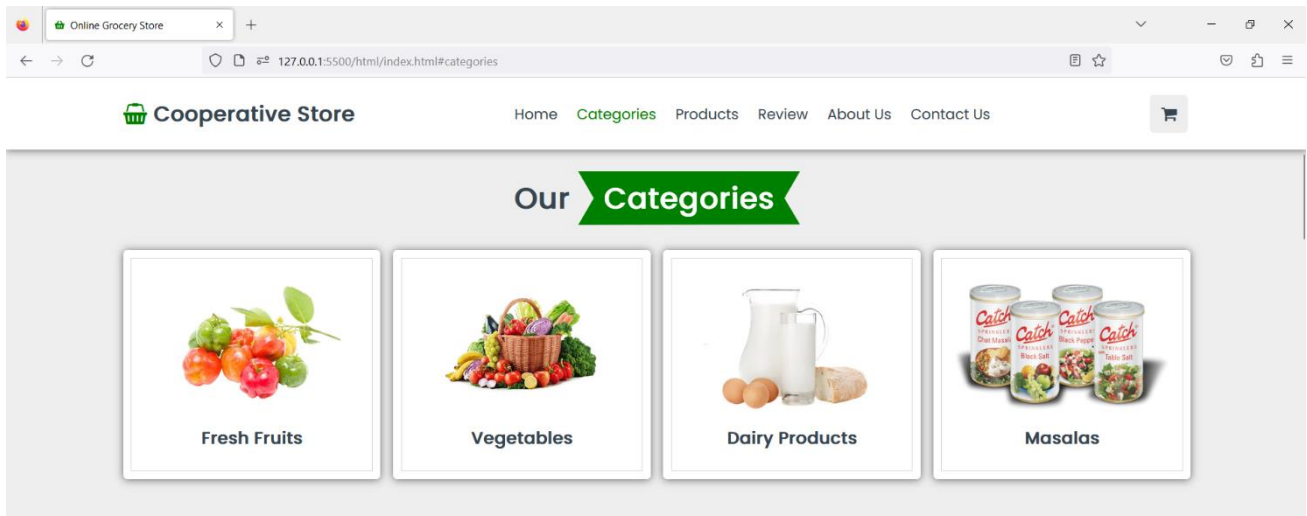
CODE:

```
<section class="categories" id="categories">
  <h1 class="heading">Our <span>Categories</span></h1>

  <div class="box-container">
   <div class="box">
     <a href="#fruits"> <img src="image/cat-2.png" alt="" /></a>
     <h3>Fresh Fruits</h3>
   </div>
   <div class="box">
     <a href="#vegetables"> <img src="image/cat-1.png" alt="" /></a>
     <h3>Vegetables</h3>
   </div>
   <div class="box">
     <a href="#dairy-products"> <img src="image/cat-3.png" alt="" /></a>
     <h3>Dairy Products</h3>
   </div>
   <div class="box">
     <a href="#masalas"> <img src="image/catch-1.png" alt="" /></a>
     <h3>Masalas</h3>
   </div>
  </div>
</section>
```
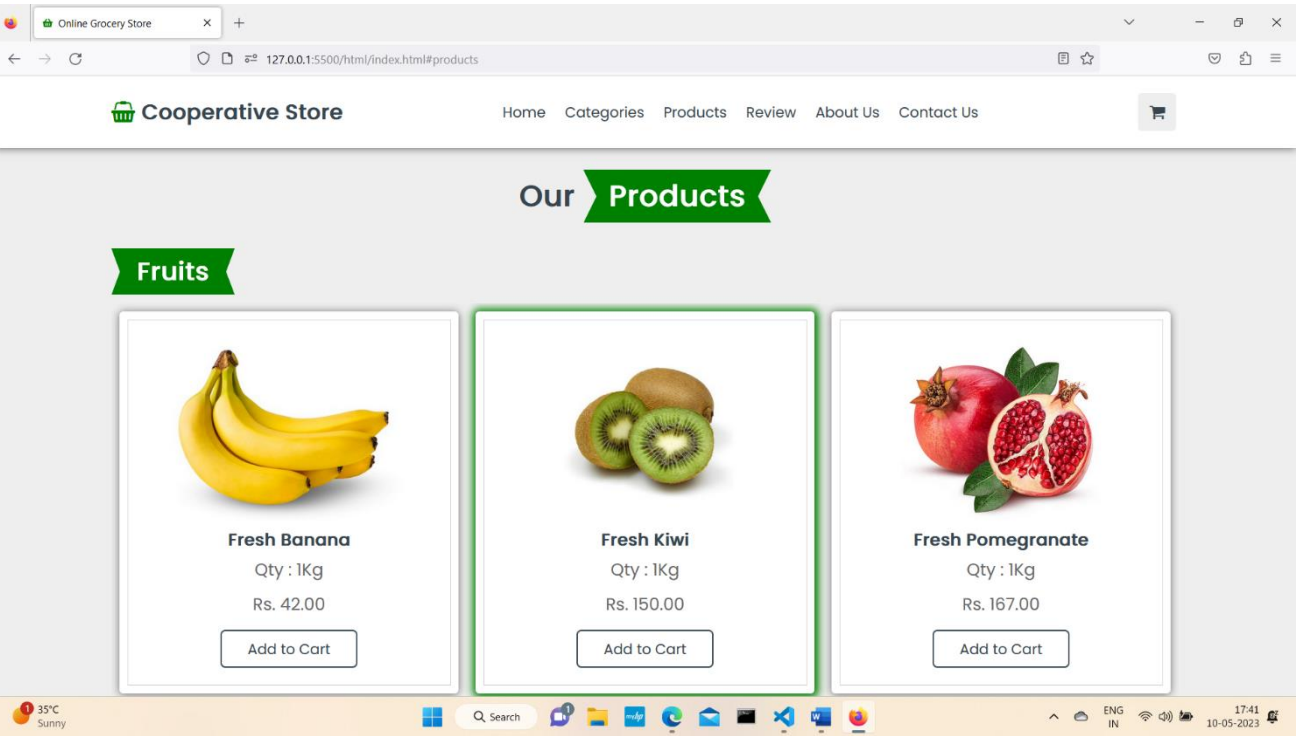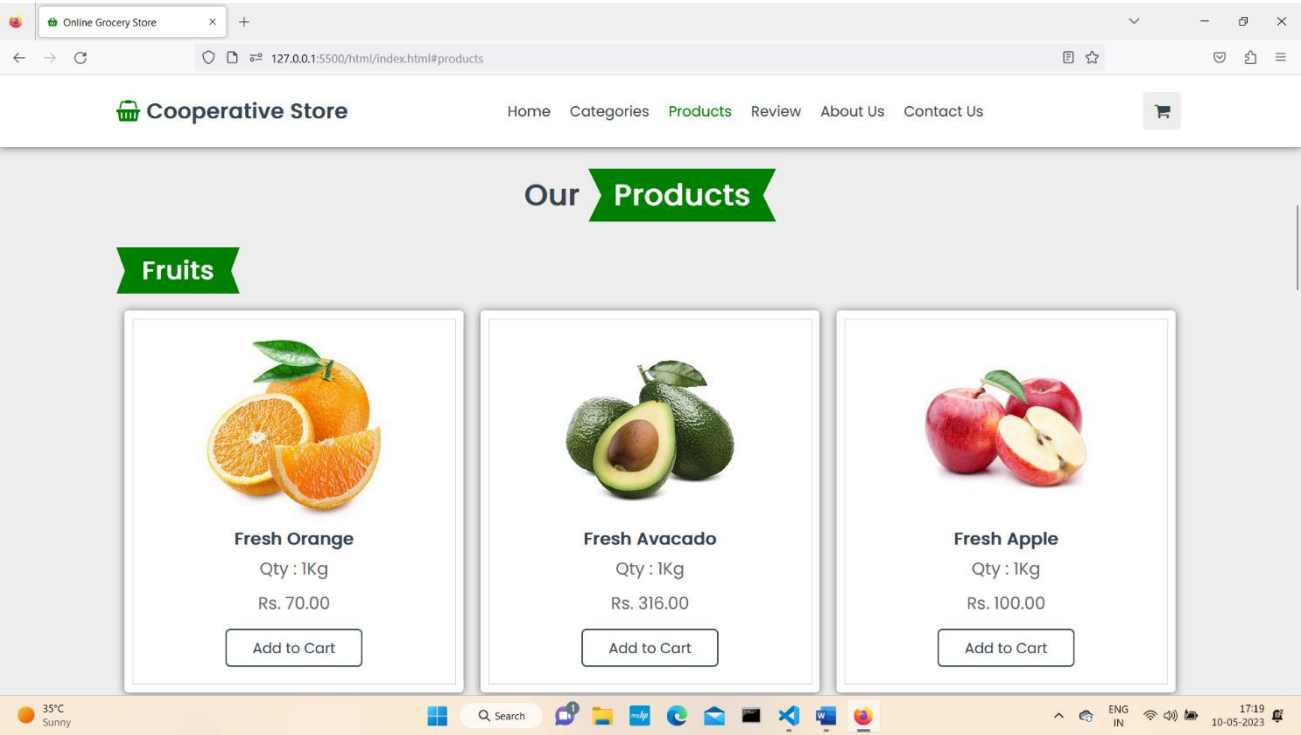
8.5 PRODUCT PAGES:

1. Fruits:

CODE:

```
<div class="swiper-slide box" class="shop-item">


      <img class="shop-item-image" src="/html/image/ore.jpg" alt="" />
      <h1 class="shop-item-title">Fresh Orange</h1>
      <div class="quantity">Qty : 1Kg</div>

      <div class="price" class="shop-item-price">Rs. 70.00</div>
      <button class="btn" class="btn btn-primary shop-item-button"
type="button">Add to Cart</button>
</div>

<div class="swiper-slide box">

      <img src="/html/image/ava.jpg" alt="" />
      <h1>Fresh Avacado</h1>
      <div class="quantity">Qty : 1Kg</div>
      <div class="price">Rs. 316.00</div>
      <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
     <img src="/html/image/apple.jpg" alt="" />
     <h1>Fresh Apple</h1>
     <div class="quantity">Qty : 1Kg</div>
     <div class="price">Rs. 100.00</div>
     <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
     <img src="/html/image/cherry.jpg" alt="" />
     <h1>Fresh Cherry</h1>
     <div class="quantity">Qty : 1Kg</div>
     <div class="price">Rs. 500.00</div>
     <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
     <img src="/html/image/grape.jpg" alt="" />
     <h1>Fresh Grapes</h1>
     <div class="quantity">Qty : 1Kg</div>
     <div class="price">Rs. 157.89</div>
     <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
     <img src="/html/image/banana.jpg" alt="" />
```

31

```
      <h1>Fresh Banana</h1>
      <div class="quantity">Qty : 1Kg</div>
      <div class="price">Rs. 42.00</div>
      <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
      <img src="/html/image/kiwi-large.jpg" alt="" />
      <h1>Fresh Kiwi</h1>
      <div class="quantity">Qty : 1Kg</div>
      <div class="price">Rs. 150.00</div>
      <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
      <img src="/html/image/pome.jpg" alt="" />
      <h1>Fresh Pomegranate</h1>
      <div class="quantity">Qty : 1Kg</div>
      <div class="price">Rs. 167.00</div>
      <a href="#" class="btn"> Add to Cart</a>
    </div>
```
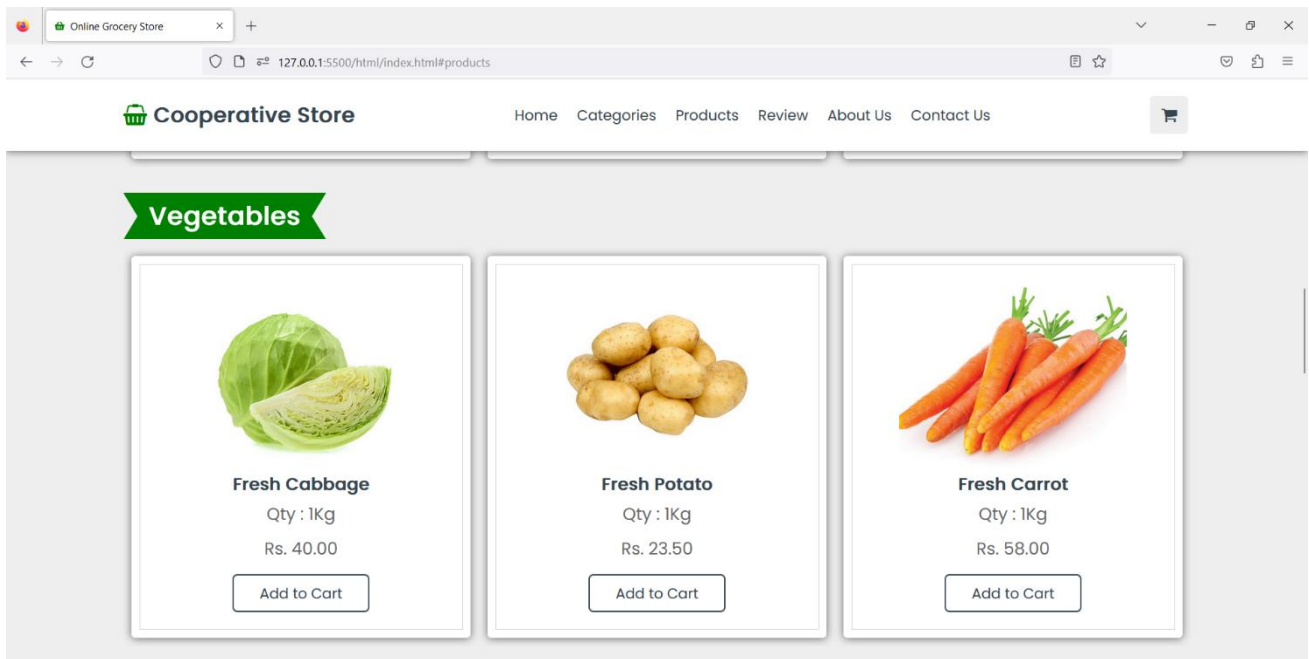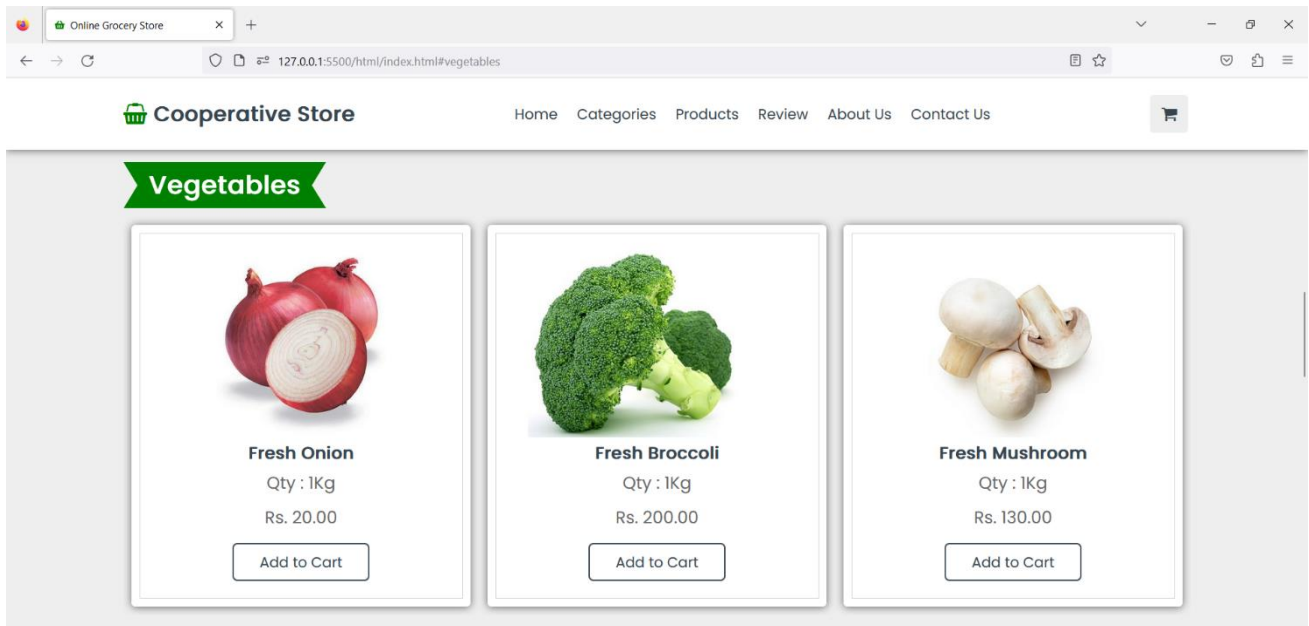
2. Vegetables:

CODE:

```
<h3 class="vegetables" id="vegetables">Vegetables</h3>
   <div class="swiper product-slider">
     <div class="swiper-wrapper">
      <div class="swiper-slide box">
        <img src="/html/image/cabbage.jpg" alt="" />
        <h1>Fresh Cabbage</h1>
        <div class="quantity">Qty : 1Kg</div>
        <div class="price">Rs. 40.00</div>
        <a href="#" class="btn"> Add to Cart</a>
      </div>
      <div class="swiper-slide box">
        <img src="/html/image/potato.jpg" alt="" />
        <h1>Fresh Potato</h1>
        <div class="quantity">Qty : 1Kg</div>
        <div class="price">Rs. 23.50</div>
        <a href="#" class="btn"> Add to Cart</a>
      </div>
      <div class="swiper-slide box">
        <img src="/html/image/carrot .jpg" alt="" />
        <h1>Fresh Carrot</h1>
        <div class="quantity">Qty : 1Kg</div>
        <div class="price">Rs. 58.00</div>
        <a href="#" class="btn"> Add to Cart</a>
      </div>
      <div class="swiper-slide box">
        <img src="/html/image/tomat.jpg" alt="" />
```

33

```html
    <h1>Fresh Tomato</h1>
    <div class="quantity">Qty : 1Kg</div>
    <div class="price">Rs. 19.72</div>
    <a href="#" class="btn"> Add to Cart</a>
  </div>
  <div class="swiper-slide box">
   <img src="/html/image/onion.jpg" alt="" />
   <h1>Fresh Onion</h1>
   <div class="quantity">Qty : 1Kg</div>
   <div class="price">Rs. 20.00</div>
   <a href="#" class="btn"> Add to Cart</a>
  </div>
  <div class="swiper-slide box">
   <img src="/html/image/brocolli.jpg" alt="" />
   <h1>Fresh Broccoli</h1>
   <div class="quantity">Qty : 1Kg</div>
   <div class="price">Rs. 200.00</div>
   <a href="#" class="btn"> Add to Cart</a>
  </div>
  <div class="swiper-slide box">
   <img src="/html/image/mushroom.jpg" alt="" />
   <h1>Fresh Mushroom</h1>
   <div class="quantity">Qty : 1Kg</div>
   <div class="price">Rs. 130.00</div>
   <a href="#" class="btn"> Add to Cart</a>
  </div>
  <div class="swiper-slide box">
   <img src="/html/image/green pepper.jpg" alt="" />
   <h1>Fresh Green Pepper</h1>
   <div class="quantity">Qty : 1Kg</div>
   <div class="price">Rs. 82.00</div>
   <a href="#" class="btn"> Add to Cart</a>
  </div>
 </div>
</div>
```
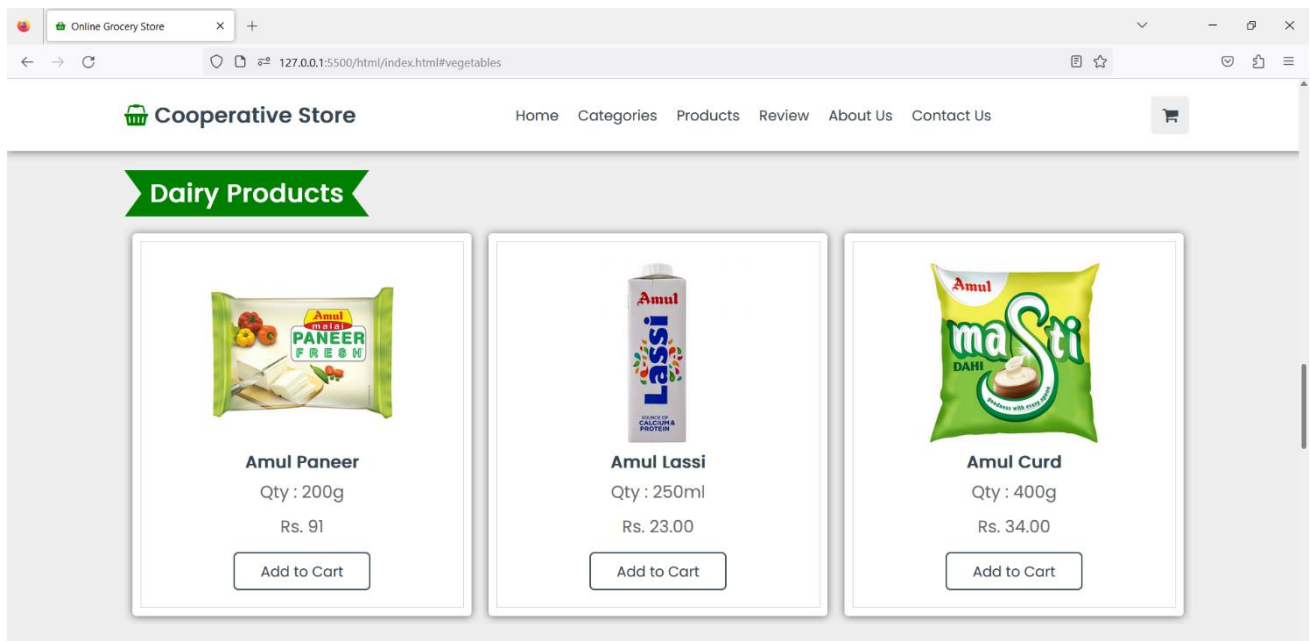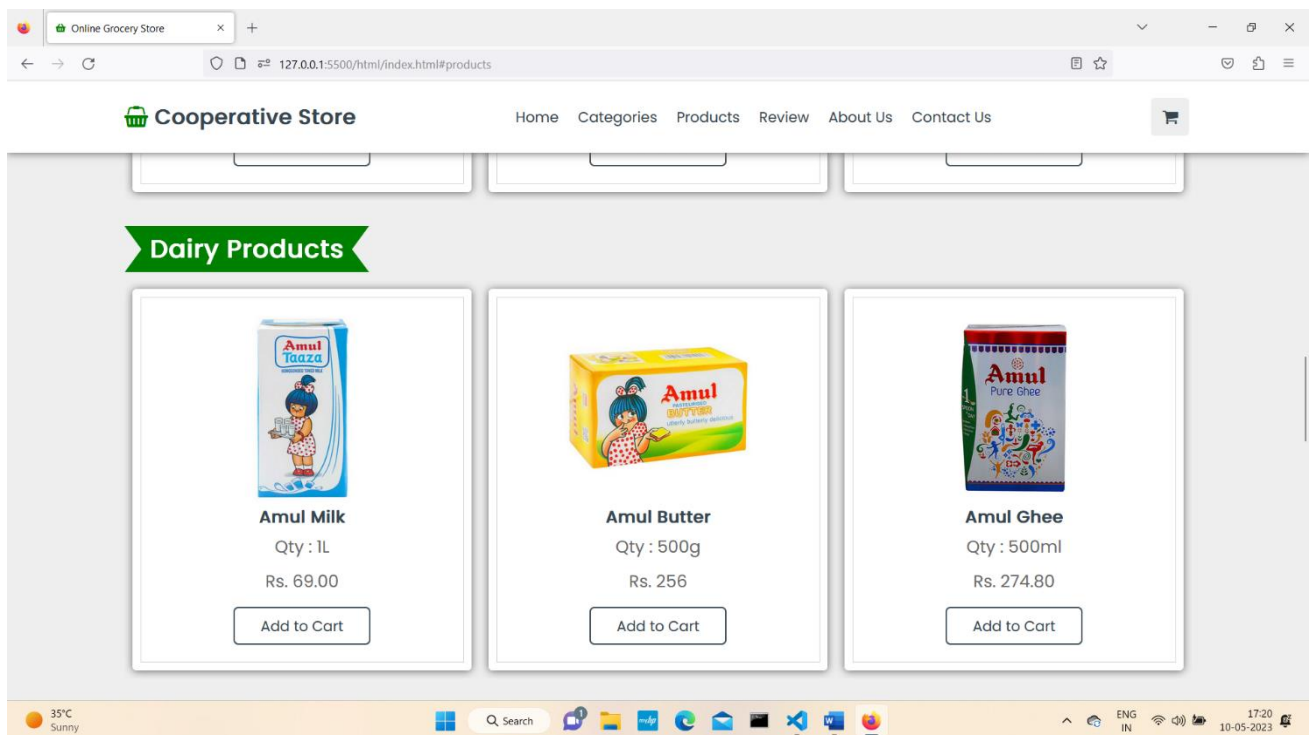
3. Dairy Products:

CODE:

```
<h3 class="dairy-products" id="dairy-products">Dairy Products</h3>
   <div class="swiper product-slider">
    <div class="swiper-wrapper">
     <div class="swiper-slide box">
      <img src="/html/image/milk.jpg" alt="" />
```

```html
  <h1>Amul Milk</h1>
  <div class="quantity">Qty : 1L</div>
  <div class="price">Rs. 69.00</div>
  <a href="#" class="btn"> Add to Cart</a>
</div>
<div class="swiper-slide box">
  <img src="/html/image/butter.jpg" alt="" />
  <h1>Amul Butter</h1>
  <div class="quantity">Qty : 500g</div>
  <div class="price">Rs. 256</div>
  <a href="#" class="btn"> Add to Cart</a>
</div>
<div class="swiper-slide box">
  <img src="/html/image/ghee.jpg" alt="" />
  <h1>Amul Ghee</h1>
  <div class="quantity">Qty : 500ml</div>
  <div class="price">Rs. 274.80</div>
  <a href="#" class="btn"> Add to Cart</a>
</div>
<div class="swiper-slide box">
  <img src="/html/image/paneer.jpg" alt="" />
  <h1>Amul Paneer</h1>
  <div class="quantity">Qty : 200g</div>
  <div class="price">Rs. 91</div>
  <a href="#" class="btn"> Add to Cart</a>
</div>
<div class="swiper-slide box">
  <img src="/html/image/lassii.jpg" alt="" />
  <h1>Amul Lassi</h1>
  <div class="quantity">Qty : 250ml</div>
  <div class="price">Rs. 23.00</div>
  <a href="#" class="btn"> Add to Cart</a>
</div>
<div class="swiper-slide box">
  <img src="/html/image/curd.jpg" alt="" />
  <h1>Amul Curd</h1>
  <div class="quantity">Qty : 400g</div>
  <div class="price">Rs. 34.00</div>
  <a href="#" class="btn"> Add to Cart</a>
</div>
<div class="swiper-slide box">
  <img src="/html/image/condensed-milk.jpg" alt="" />
  <h1>Amul Condensed Milk</h1>
  <div class="quantity">Qty : 200g</div>
```

```
      <div class="price">Rs. 61.00</div>
      <a href="#" class="btn"> Add to Cart</a>
    </div>
    <div class="swiper-slide box">
     <img src="/html/image/cream.jpg" alt="" />
     <h1>Amul Cream</h1>
     <div class="quantity">Qty : 1L</div>
     <div class="price">Rs. 220.00</div>
     <a href="#" class="btn"> Add to Cart</a>
    </div>
   </div>
  </div>
```
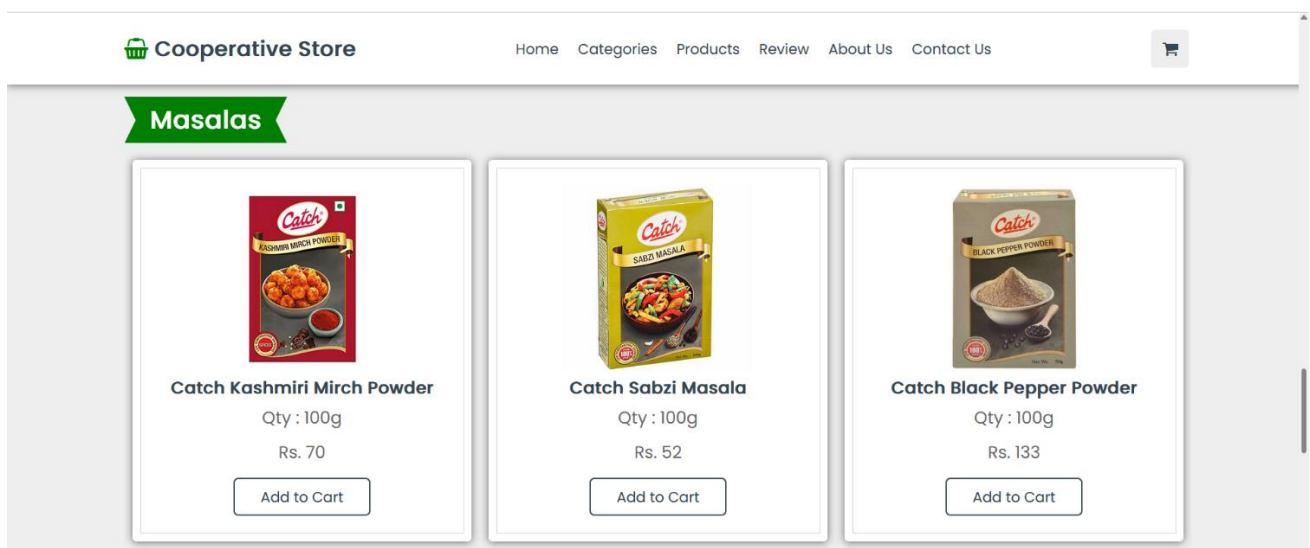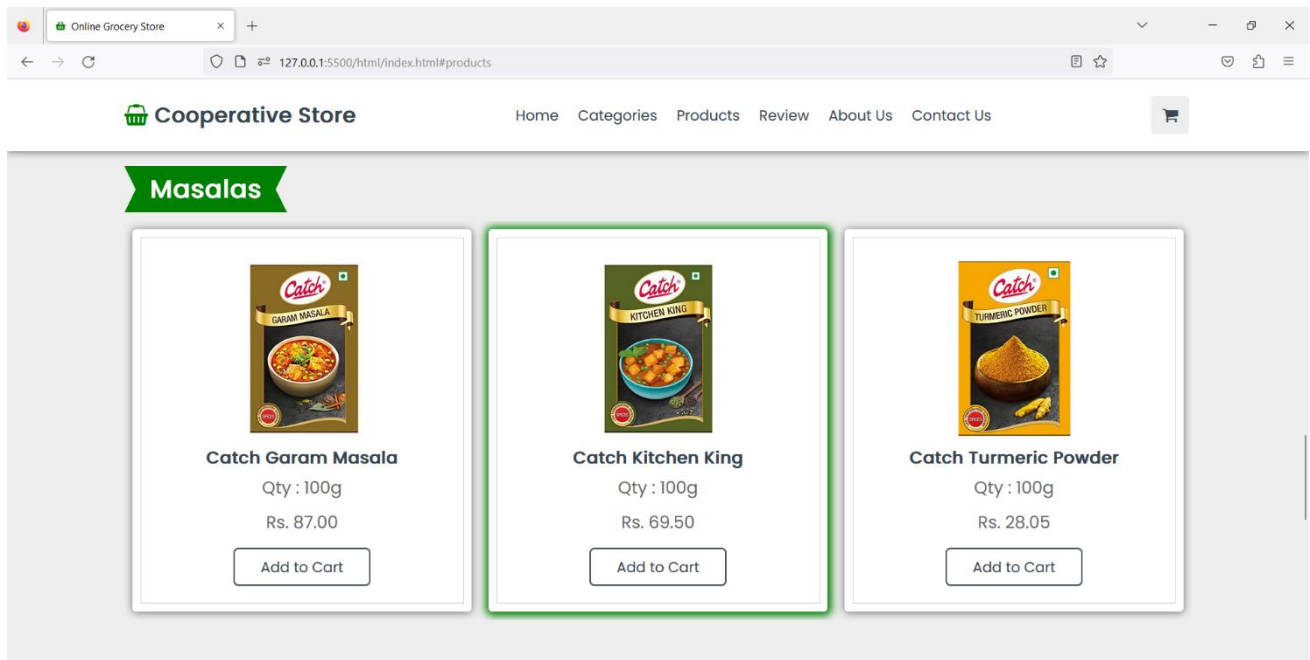
4. Masalas:

CODE:

```html
<h3 class="masala" id="masalas">Masalas</h3>
   <div class="swiper product-slider">
    <div class="swiper-wrapper">
     <div class="swiper-slide box">
      <img src="/html/image/garam masala.jpg" alt="" />
      <h1>Catch Garam Masala</h1>
      <div class="quantity">Qty : 100g</div>
      <div class="price">Rs. 87.00</div>
      <a href="#" class="btn"> Add to Cart</a>
     </div>
     <div class="swiper-slide box">
      <img src="/html/image/king.jpg" alt="" />
      <h1>Catch Kitchen King</h1>
      <div class="quantity">Qty : 100g</div>
      <div class="price">Rs. 69.50</div>
      <a href="#" class="btn"> Add to Cart</a>
     </div>
     <div class="swiper-slide box">
      <img src="/html/image/turmeric.jpg" alt="" />
      <h1>Catch Turmeric Powder</h1>
      <div class="quantity">Qty : 100g</div>
      <div class="price">Rs. 28.05</div>
      <a href="#" class="btn"> Add to Cart</a>
     </div>
     <div class="swiper-slide box">
      <img src="/html/image/red chilli.jpg" alt="" />
      <h1>Catch Kashmiri Mirch Powder</h1>
      <div class="quantity">Qty : 100g</div>
      <div class="price">Rs. 70</div>
      <a href="#" class="btn"> Add to Cart</a>
     </div>
     <div class="swiper-slide box">
      <img src="/html/image/sabzi masala.jpg" alt="" />
      <h1>Catch Sabzi Masala</h1>
      <div class="quantity">Qty : 100g</div>
      <div class="price">Rs. 52</div>
      <a href="#" class="btn"> Add to Cart</a>
     </div>
     <div class="swiper-slide box">
      <img src="/html/image/black pepper.jpg" alt="" />
      <h1>Catch Black Pepper Powder</h1>
      <div class="quantity">Qty : 100g</div>
```
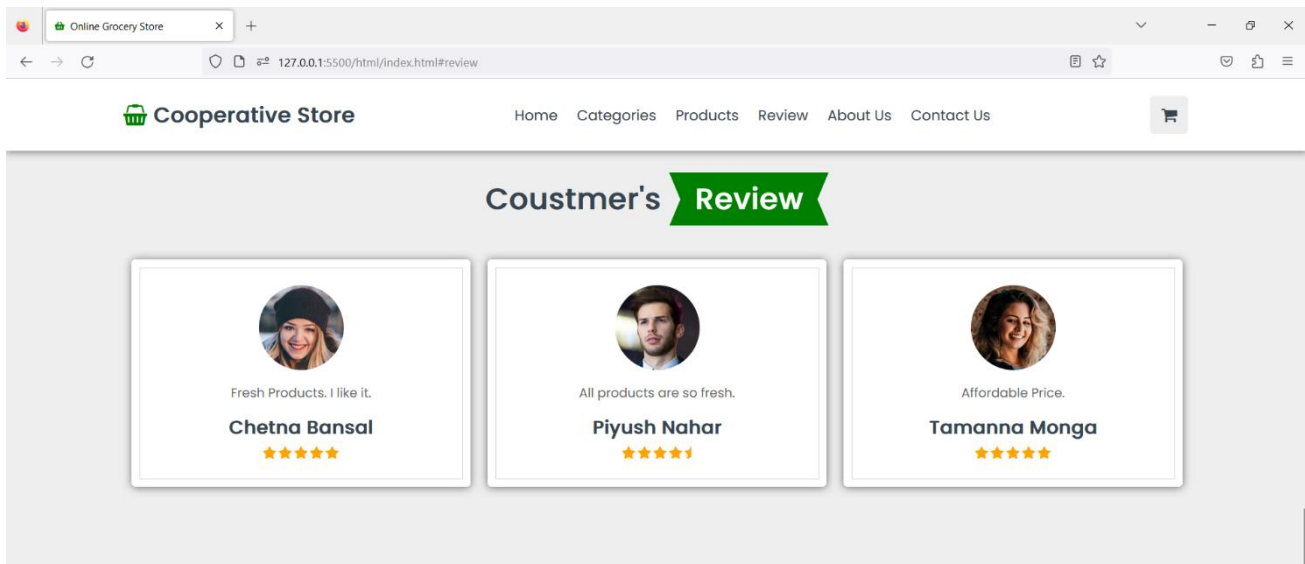
```
            <div class="price">Rs. 133</div>
            <a href="#" class="btn"> Add to Cart</a>
        </div>
        <div class="swiper-slide box">
            <img src="/html/image/coriender powder.jpg" alt="" />
            <h1>Catch Coriander Powder</h1>
            <div class="quantity">Qty : 100g</div>
            <div class="price">Rs. 36.55</div>
            <a href="#" class="btn"> Add to Cart</a>
        </div>
        <div class="swiper-slide box">
            <img src="/html/image/tea masala.jpg" alt="" />
            <h1>Catch Tea Masala</h1>
            <div class="quantity">Qty : 100g</div>
            <div class="price">Rs. 53.00</div>
            <a href="#" class="btn"> Add to Cart</a>
        </div>
    </div>
```

8.6 REVIEW PAGE:

CODE:

```
<section class="review" id="review">
    <h1 class="heading">Coustmer's <span>Review</span></h1>

    <div class="swiper review-slider">
        <div class="swiper-wrapper">
```

```html
<div class="swiper-slide box">
 <img src="/html/image/pic-1.png" alt="" />
 <p>
   ALL FRESH
 </p>
 <h3>Piyush Nahar</h3>
 <div class="stars">
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star-half"></i>
 </div>
</div>
<div class="swiper-slide box">
 <img src="/html/image/pic-2.png" alt="" />
 <p>
   Fresh Products. I like it.
 </p>
 <h3>Chetna Bansal</h3>
 <div class="stars">
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
 </div>
</div>
<div class="swiper-slide box">
 <img src="/html/image/pic-3.png" alt="" />
 <p>
   All products are so fresh.
 </p>
 <h3>Piyush Nahar</h3>
 <div class="stars">
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star"></i>
  <i class="fa fa-star-half"></i>
 </div>
</div>
<div class="swiper-slide box">
 <img src="/html/image/pic-4.png" alt="" />
```

```
        <p>
         Affordable Price.
        </p>
        <h3>Tamanna Monga</h3>
        <div class="stars">
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
        </div>
      </div>
    </div>
  </section>
```

8.7 ABOUT US PAGE:

CODE:

```
<section class="aboutus" id="aboutus">
  <h1 class="heading">About <span>Us</span></h1>
  <div class="box-container">
    <div class="box">
      <img src="/html/image/blog-2.jpg" alt="" />
```
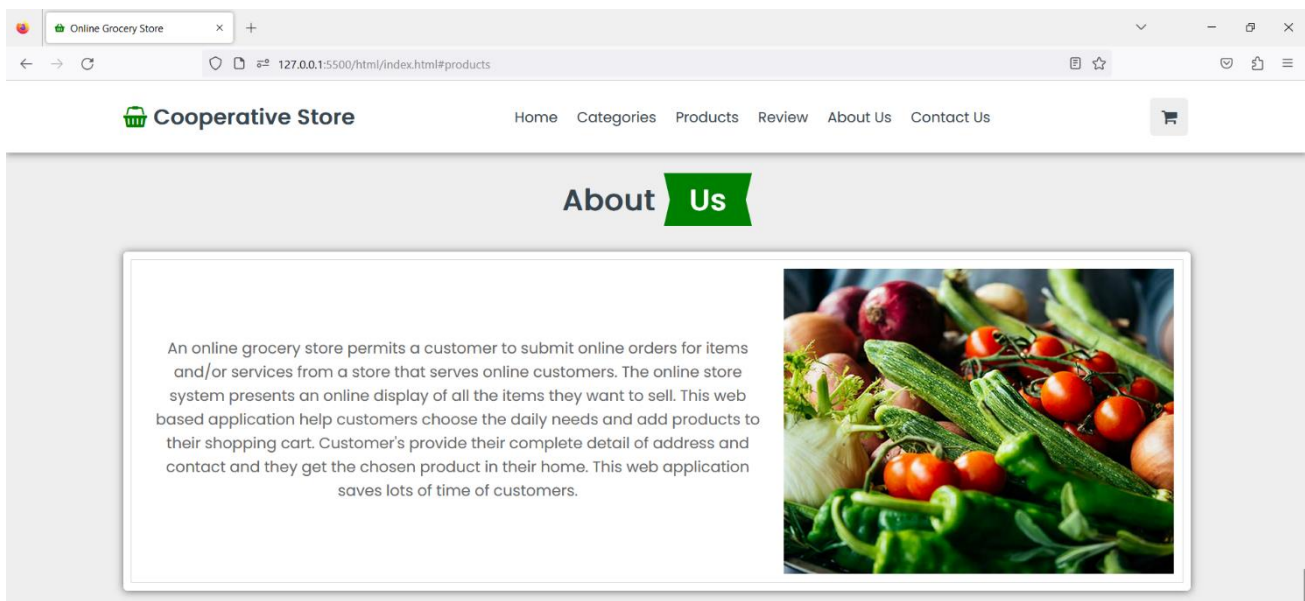
```
<p>
    An online grocery store permits a customer to submit online orders
    for items and/or services from a store that serves online customers.
    The online store system presents an online display of all the items
    they want to sell. This web based application help customers choose
    the daily needs and add products to their shopping cart. Customer's
    provide their complete detail of address and contact and they get
    the chosen product in their home. This web application saves lots of
    time of customers.
  </p>
  </div>
  </div>
</section>
```

8.8 CONTACT US PAGE:

CODE:

```
<section class="footer" id="contactus">
   <div class="box-container">
    <div class="box">
     <h3>Quick Links</h3>
     <div class="share">
      <a href="#home" class="links"><i class="fa fa-arrow-right"></i> Home</a>
      <a href="#categories" class="links"><i class="fa fa-arrow-right"></i>
Categories</a>
      <a href="#products" class="links"><i class="fa fa-arrow-right"></i>
Products</a>
```
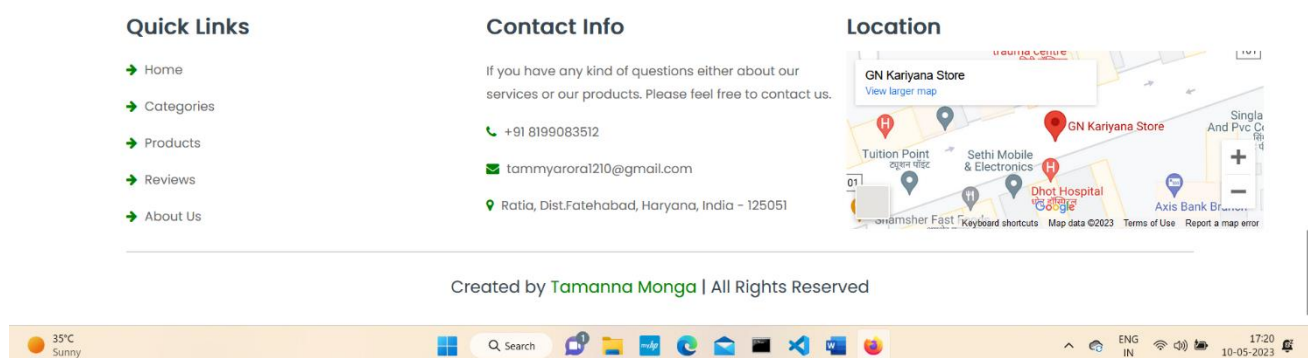
```html
      <a href="#review" class="links"><i class="fa fa-arrow-right"></i>
Reviews</a>
      <a href="#aboutus" class="links"><i class="fa fa-arrow-right"></i> About
Us</a>
    </div>
    </div>

    <div class="box">
      <h3>Contact Info</h3>
      <p>
       If you have any kind of questions either about our services or our
       products. Please feel free to contact us.
      </p>
      <a href="#" class="links"><i class="fa fa-phone"></i> +91 8199083512</a>
      <a href="#" class="links"><i class="fa fa-envelope"></i>
tammyarora1210@gmail.com</a>
      <a href="#" class="links"><i class="fa fa-map-marker"></i> Ratia,
Dist.Fatehabad, Haryana,
       India - 125051</a>
    </div>

    <div class="box">
      <h3>Location</h3>
      <iframe
       src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d216.63647
399573685!2d75.57703956495965!3d29.68545669850666!2m3!1f0!2f0!3f0!3m2!1i1
024!2i768!4f13.1!3m3!1m2!1s0x39117355c8cbf4e5%3A0xa043e37c9488571a!2sGN
%20Kariyana%20Store!5e0!3m2!1sen!2sin!4v1682601925218!5m2!1sen!2sin"
       width="600" height="450" style="border: 0" allowfullscreen="" loading="lazy"
       referrerpolicy="no-referrer-when-downgrade">
      </iframe>
    </div>
   </div>

   <div class="credit">
    Created by <span>Tamanna Monga</span> | All Rights Reserved
   </div>
  </section>
```
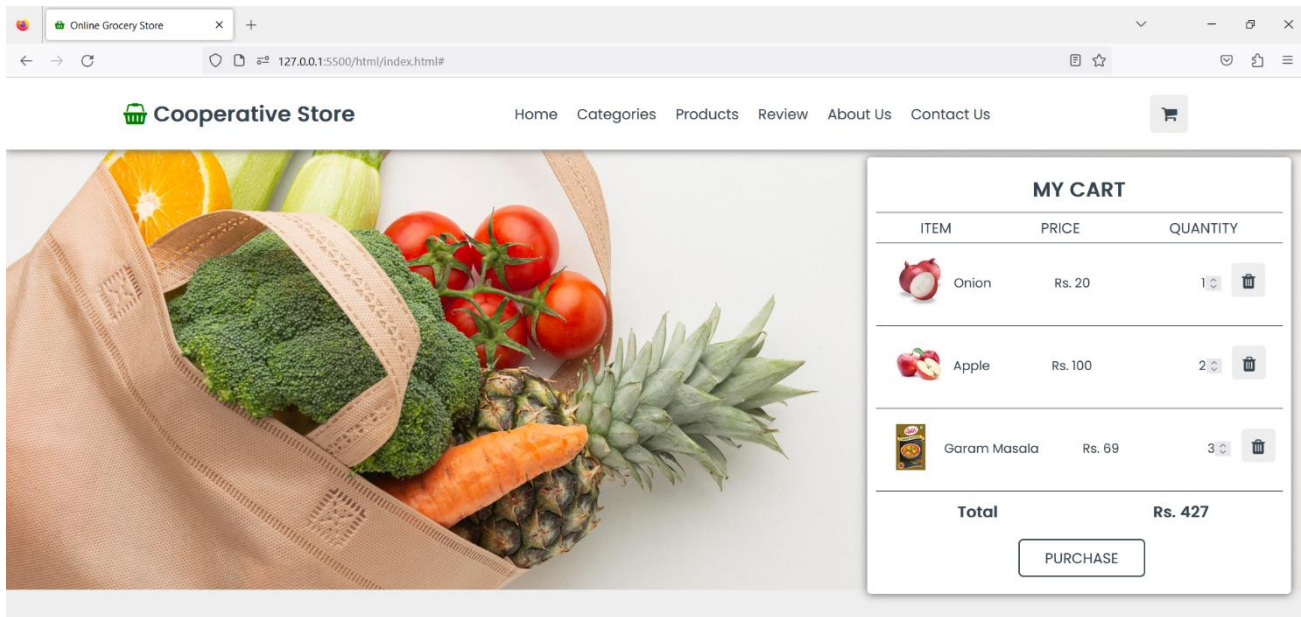
8.9 ADD TO CART PAGE:

CODE:

```
<div class="shopping-cart">
    <div class="box">
      <div class="content">
        <h2 id="cartItem">MY CART</h2>
        <div class="cart-row">
          <span class="cart-item cart-header cart-column">ITEM</span>
          <span class="cart-price cart-header cart-column">PRICE</span>
          <span class="cart-quantity cart-header cart-column">QUANTITY</span>
        </div>
        <div class="cart-items">
         <div class="cart-row">

            <div class="cart-item cart-column">

                <img class="cart-item-image" src="/html/image/onion.jpg" width="80"
height="80">
                <span class="cart-item-title">Onion</span>
            </div>
            <span class="cart-price cart-column">Rs. 20</span>
            <div class="cart-quantity cart-column">
               <input class="cart-quantity-input" type="number" value="1">
               <button class="btn btn-danger"  type="button"><i class="fa fa-
trash"></i></button>
            </div>
          </div>
        </div>
```

```html
        <div class="cart-row">
          <div class="cart-item cart-column">
            <img class="cart-item-image" src="/html/image/apple.jpg" width="80" height="80">
            <span class="cart-item-title">Apple</span>
          </div>
          <span class="cart-price cart-column">Rs. 100</span>
          <div class="cart-quantity cart-column">
            <input class="cart-quantity-input" type="number" value="2">
            <button class="btn btn-danger"  type="button"><i class="fa fa-trash"></i></button>
          </div>
        </div>
<div class="cart-row">
          <div class="cart-item cart-column">
            <img class="cart-item-image" src="/html/image/garam masala.jpg" width="80" height="80">
            <span class="cart-item-title">Garam Masala</span>
          </div>
          <span class="cart-price cart-column">Rs. 69</span>
          <div class="cart-quantity cart-column">
            <input class="cart-quantity-input" type="number" value="4">
            <button class="btn btn-danger"  type="button"><i class="fa fa-trash"></i></button>
          </div>
        </div>
</div>
      <div class="cart-total">

      <h3 class="cart-total-title">Total</h3>

      <h3 class="cart-total-price">Rs. 220</h3>
    </div>
    <button class="btn btn-primary btn-purchase" type="button">PURCHASE</button>
    </div>
    </div>
```
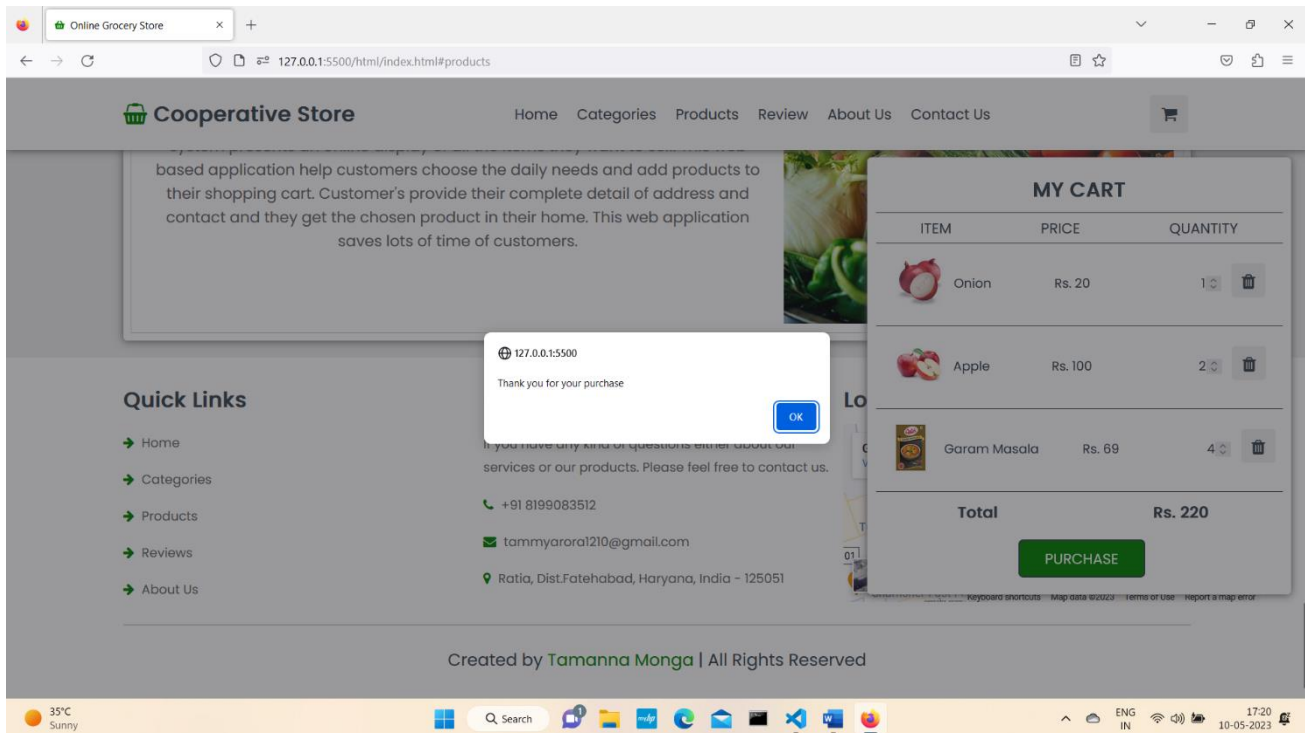
8.10   PURCHASE PAGE:

CODE:

```
function purchaseClicked() {
    alert('Thank you for your purchase')
    var cartItems = document.getElementsByClassName('cart-items')[0]
    while (cartItems.hasChildNodes()) {
        cartItems.removeChild(cartItems.firstChild)
    }
    updateCartTotal()
}
```

Chapter 9 – Testing

9.1 Testing Definition

Software testing is the process used to assess the quality of computer software. Software testing is an empirical technical investigation conducted to provide stakeholders with information about the quality of the product or service under test, with respect to the context in which it is intended to operate. This includes, but is not limited to, the process of executing a program or application with the intent of finding software bugs. Quality is not an absolute; it is value to some person. With that in mind, testing can never completely establish the correctness of arbitrary computer software; testing furnishes a criticism or comparison that compares the state and behavior of the product against a specification. An important point is that software testing should be distinguished from the separate discipline of Software Quality Assurance (S.Q.A.), which encompasses all business process areas, not just testing. Over its existence, computer software has continued to grow in complexity and size. Every software product has a target audience. Therefore, when an organization develops or otherwise invests in a software product, it presumably must assess whether the software product will be acceptable to its end users, its target audience, its purchasers, and other stakeholders. Software testing is the process of attempting to make this assessment.

9.2 Scope

Software testing may be viewed as an important part of the software quality assurance (SQA) process. In SQA, software process specialists and auditors take a broader view on software and its development. They examine and change the software engineering process itself to reduce the amount of faults that end up in defect rate.

What constitutes an acceptable defect rate depends on the nature of the software although there are close links with SQA testing departments often exist independently, and there may be no SQA areas in some companies.

The software faults occur through the following process. A programmer makes an error (mistake), which results in a defect (fault, bug) in the software source code. If this defect is executed, in certain situations the system will produce wrong results, causing a failure. Not all defects will necessarily result in failures. A defect can turn into a failure when the environment is changed. Examples of these changes in

environment include the software being run on a new hardware platform, alterations in source data or interacting with different software.

A problem with software testing is that testing all combinations of inputs and preconditions is not feasible when testing anything other than a simple product. This means that the number of defects in a software product can be very large and defects that occur infrequently are difficult to find in testing. More significantly, Para functional dimensions of quality--for example, usability, scalability, performance, compatibility, reliability--can be highly subjective; something that constitutes sufficient value to one person may be intolerable to another.

There are many approaches to software testing. Reviews, walkthroughs or inspections are considered as static testing, whereas actually running the program with a given set of test cases in a given development stage is referred to as dynamic testing.

9.3 Test Case Designs

Test case 1:

Test case description: Customer Login

Step no.	Step description	Expected Result
1.	Click on the login button.	If the user id and password are correct open the products page, otherwise an invalid user.
2.	Fill user id and password.	
3.	Click on the login button.	

Test case 2:

Test case description: Customer Registration.

Step no.	Step description	Expected Result
1.	Click on the register.	Customer ready to buy.
2.	Fill change data in the input field.	
3.	Click on the register button	

Test case 3:

Test case description: Add to Cart.

Step no.	Step description	Expected Result
1.	Select the grocery you want	The customer reached the page where he/she gets to know the total items with their bill.
2.	Click on add to cart one by one	
3.	Then click on GO CART	

Test case 4:

Test case description: Customer Payment.

Step no.	Step description	Expected Result
1.	Click on the Pay button.	Confirmation of Payment.
2.	Fill in card Details.	
3.	Click on Confirm button.	

Chapter 10 – Program Legacy

10.1 Current Status of Training

With training I have successfully learned JavaScript, EcmaScript 6 and React framework and implemented frontend design of the project. This is an internal service of the company so I am bound to maintain the confidentiality of the system. This project still in the development phase and lots of testing needs to be done. Also learning Node.JS and MongaDB from the learning program organized by the HM team in order to enhance the backend structure bone.

10.2 Remaining Areas of Concern

Although the training is going on successfully but there is still lot to attain and the project itself is still in the development phase.

- Further we need to make this project as a dependency
- This dependency further will be integrated in the Search Area
- Therefore the frontend part of this project would be eliminated and done only by using javascript.
- Once the integration completed successfully then the Search will work accurately.

10.3 Future Recommendations

With the knowledge I have gained by developing this application, I am confident that in the future I can make the application more effective by adding more functionality.

- Firstly, I will complete the check-out system of this website by learning the working of the admin panel dashboard. In the admin panel Dashboard we can make a record of the users who are logging in and also take care of the payment whether it is done or pending.
- After completing the check-out system, I will extend this website to other lifestyle items and many more. Overall, this will be website with every daily

need item so user can get every and each item here of daily life.

- And, then will finally deploy the website so that users out there can take the advantage of this.

10.4 Conclusion

The essential purpose of the proposed task is to develop a web application that can provide a smooth experience to the users interacting on this site. With the help of this project, I was able to get deep knowledge of React, Node.js, JavaScript, how it works, various modules, components, services involved while building the application. The hands-on experience on technology and facing real-life issues made my learning even more interesting.

Overall, I will describe my training as a positive and informative experience. In the first phase I encountered a few problems, because it was a whole new field for me. Over time I figured out my problems and finally got started with it. Constantly reviewing this project by my mentor and providing adequate feedback helped me a lot and It further improved my learning experience.

The work environment was quite motivating, and it was very much inspiring to see how some of the developers were able to independently execute their interests and plan and perform and execute their own experiments. It was an amazing experience to be a part of building the website that we use and learning the background functionality of how the user looks at things and what the active hand is going back to.

It was also exciting to find a new IT platform, where many developers were actively contributing to each other and helping each other achieve the company's long and short-term goals. It makes me immensely proud to present this project report which shows all the hard work and efforts that I had put up during my industrial training. If I had to sum up my entire training on a single line, I would say that this was the beginning of strengthening my career.

Chapter 11 – Bibliography

The following are the website links which I've referred to create this project report:

- https://www.w3schools.com/html/
- https://www.w3schools.com/css/
- https://www.geeksforgeeks.org/types-of-css-cascading-style-sheet/
- https://developer.mozilla.org/en-US/docs/Web/JavaScript
- https://nodejs.org/en/
- https://expressjs.com/
- https://www.javatpoint.com/mongodb-tutorial
- https://reactjs.org/
- https://www.w3schools.com/js/
- https://hopingminds.com/