A Project Report on

FRONT END DESIGN FOR GROCERY WEBSITE

Submitted to

Edubridge Learning Private Limited, Mumbai

In partial fulfillment of the requirements for the award of

Course in

SOFTWARE TESTING

By

Miss. Mohini Govind Chavan

(Center–Thane, Batch code –7670)

Under Guidance of

Mrs. Mohana Priya

(Center Trainer of Software Testing)

Course for Software Testing

Edubridge Learning Private Limited, Mumbai

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Edubridge Learning Private Limited, Mumbai

CERTIFICATE

Certified that this project report "**Front end design for Grocery Website**" is the bonafide work of "**Mohini Govind Chavan**" who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE
Mrs. MOHANA PRIYA
(Professor)

TABLE OF CONTENT

1. INTRODUCTION

This project is a web based on ordering grocery products system for an existing shop. Online ordering is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form ofelectronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus, the customer will get the service of online shopping and home delivery from his favorite shop

1.1 Objective

This project is a web based on ordering grocery products system for an existing shop. Online ordering is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form ofelectronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus, the customer will get the service of online shopping and home delivery from his favorite shop

1.2 Scope

A scope for further development in our project to a great extent. A number of features can be added to this system in future like providing moderator more control over products so that each moderator can maintaintheir own products. Another feature we wished to implement was providing classes for customers so that different offers can be given to each class. System may keep track of history of purchases of each customer and provide suggestions based on their history. These features could have implemented unless the time did not limited us

2.HARDWARE AND SOFTWARE REQUIREMENT:

1.1 Hardware requirements:

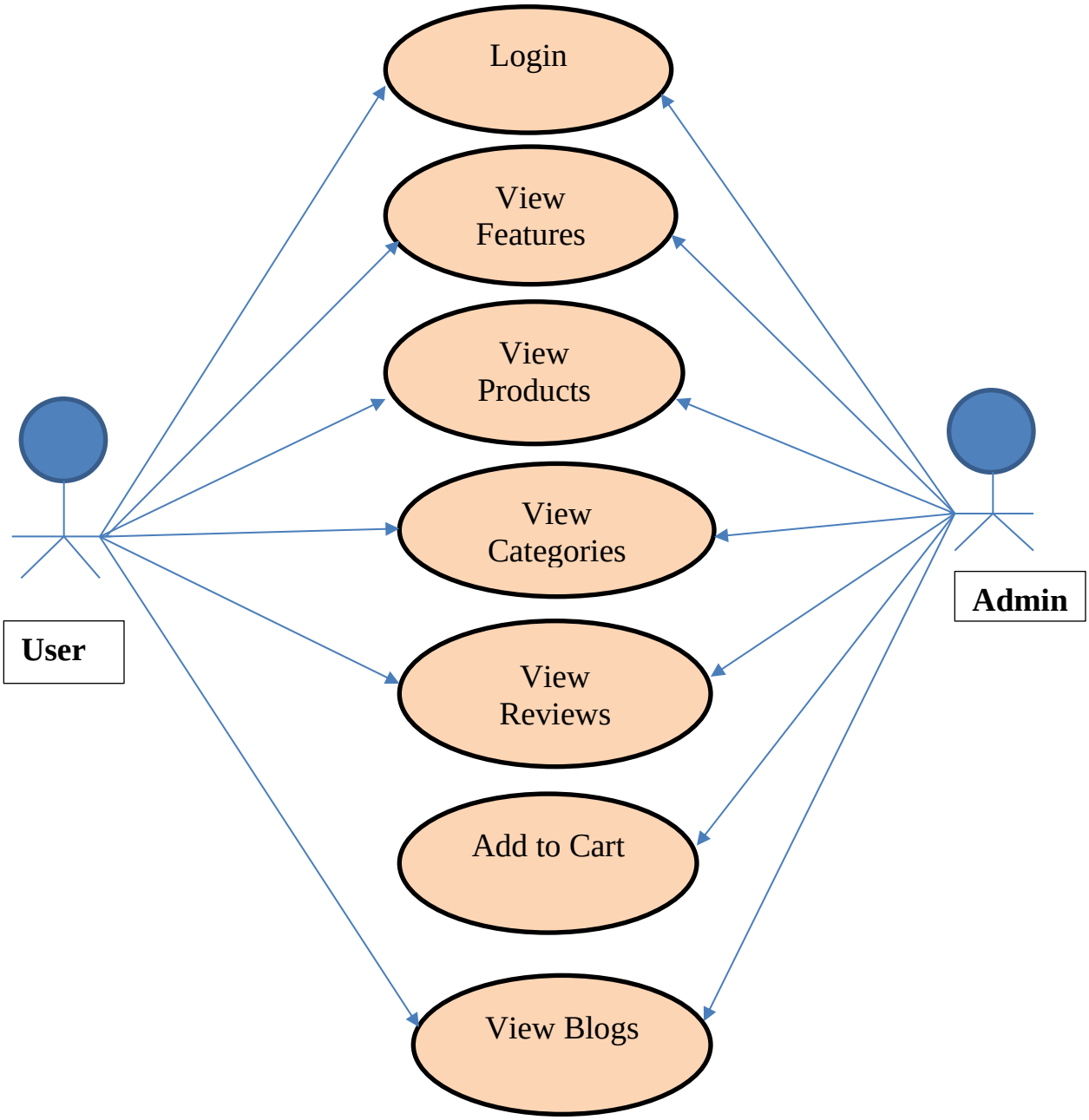
Processor	Intel CORE i3
RAM	8.0 GB
Hard disk Drive	500GB

1.2 Software requirements:

Number	**Description**
1	Window 7,8,10
2	HTML/ CSS / SQL / Selenium
3	Editor: notepad, Visual studio, sublime

3.SYSTEM DESIGN

3.1 Use case diagram



❖ **Table of use case diagram**

Use case	Actor(s)	Description
1.Login	User, Admin	Login to the system Change password Forgot password
2.View Product	User, Admin	View Products
3.View Categories	User, Admin	View Categories of the products
4.View Reviews	User, Admin	View all customers reviews
5.View Features	User, Admin	View features of the products
6. Add to Cart	Admin	Products add to cart
7. View Blogs	Admin, User	Users can write or view blogs

❖ Use case description

Use Case 001: Login

1. Introduction:
   This use case outlines the steps that need to be followed in order to login into the system.

2. Actors:
   - Admin
   - User

3. Pre-Condition:
   The user must have valid credentials

4. Scenario:

	Action	**Software Reaction**
1.	User indicates that he would like to login to thesystem.	System requests the following datafrom student • Email ID • Password
2.	User fills out data	The System verifies that the aboveitems have been filled out If any data is missing, the system warms the student and the scenariocontinues with software reaction If all data has been entered, the System asks the user to verifydashboard If the user indicates they would like tocancel the scenario end here
3.	User confirms that their dashboard is correct	If the user indicates that their Dashboard is correct the Scenarios continues with the software reaction

5. Post-Condition:

If use case is successfully executed, the user should be Logged into the system, otherwise, the state remains unchanged.

6. Basic Flow:

- Login
  i. The page will request the user to provide validcredentials
  ii. User enters the credentials
  iii. User enters into the system

7. Alternate Flow:

➢ Invalid Credentials:

- If user provides invalid credentials in the basic flow, a validation message or error message should appear. Hence, returning the student/actor tothe basic flow...

8. Special Requirements:

None

9. Associated Use Case(s):

None

Use Case 002: View Products

1. Introduction:

This use case outlines the steps that need to be followed in order to view products in the system.

2. Actors:

- Admin
- User

3. Pre-Condition:

The user must have valid credentials

4. Scenario:

Action	Software Reaction
User indicates that he would like to view product the system.	System requests the following data from student • Email ID • Password
User view products	The System verifies that the above items have been filled out If any data is missing, the system warms the student and the scenariocontinues with software reaction If all data has been entered, the System asks the user to verifydashboard If the user indicates they would like tocancel the scenario end here
User confirms that their dashboard is correct	If the user indicates that their Dashboard is correct the Scenarios continues with the software reaction

5. Post-Condition:

   If use case is successfully executed, the user should be Logged into the system, otherwise, the state remains unchanged.

6. Basic Flow:
   a. Login

      The page will request the user to provide validcredentials
      Student/actor enters the credentials
      Student/actor enters into the system

7. Alternate Flow:
   - Invalid Credentials:
     - If user provides invalid credentials in the basic flow, a validation message or error message should appear. Hence, returning the student/actor tothe basic flow...

8. Special Requirements:

   None

9. Associated Use Case(s):
   None

Use Case 003: View Categories

1. Introduction:
   This use case outlines the steps that need to be followed in order to view categories into the system.

2. Actors:
   - Admin
   - User

3. Pre-Condition:
   The user must have valid credentials

4. Scenario:

	Action	Software Reaction
1.	User indicates that he would like to view categories into the system.	System requests the following datafrom student • Email ID • Password
2.	User fills out data	The System verifies that the aboveitems have been filled out If any data is missing, the system warms the student and the scenariocontinues with software reaction If all data has been entered, the System asks the user to verifydashboard If the user indicates they would like tcancel the scenario end here
3.	User confirms that their dashboard is correct	If the user indicates that their Dashboard is correct the Scenarios continues with the software reaction

5. Post-Condition:

   If use case is successfully executed, the user should be Logged into the system, otherwise, the state remains unchanged.

6. Basic Flow:
   a. Login

      The page will request the user to provide valid credentials
      User enters the credentials
      User enters into the system

7. Alternate Flow:
   - Invalid Credentials:
     - If user provides invalid credentials in the basic flow, a validation message or error message should appear. Hence, returning the student/actor tothe basic flow...

8. Special Requirements:

   None

9. Associated Use Case(s):

   None

Use Case 004: View Reviews

1. Introduction:

   This use case outlines the steps that need to be followed in order to view customers reviews into the system.

2. Actors:
   - Admin
   - User

3. Pre-Condition:

   The user must have valid credentials

4. Scenario:

	Action	Software Reaction
1.	User indicates that he would like to view reviews into the system.	System requests the following datafrom student • Email ID • Password
2.	User fills out data	The System verifies that the aboveitems have been filled out If any data is missing, the system warms the student and the scenariocontinues with software reaction If all data has been entered, the System asks the user to verifydashboard If the user indicates they would like tocancel the scenario end here
3.	User confirms that their dashboard is correct	If the user indicates that their Dashboard is correct the Scenarios continues with the software reaction

5. Post-Condition:

   If use case is successfully executed, the user should be Logged into the system, otherwise, the state remains unchanged.

6. Basic Flow:
   a. Login

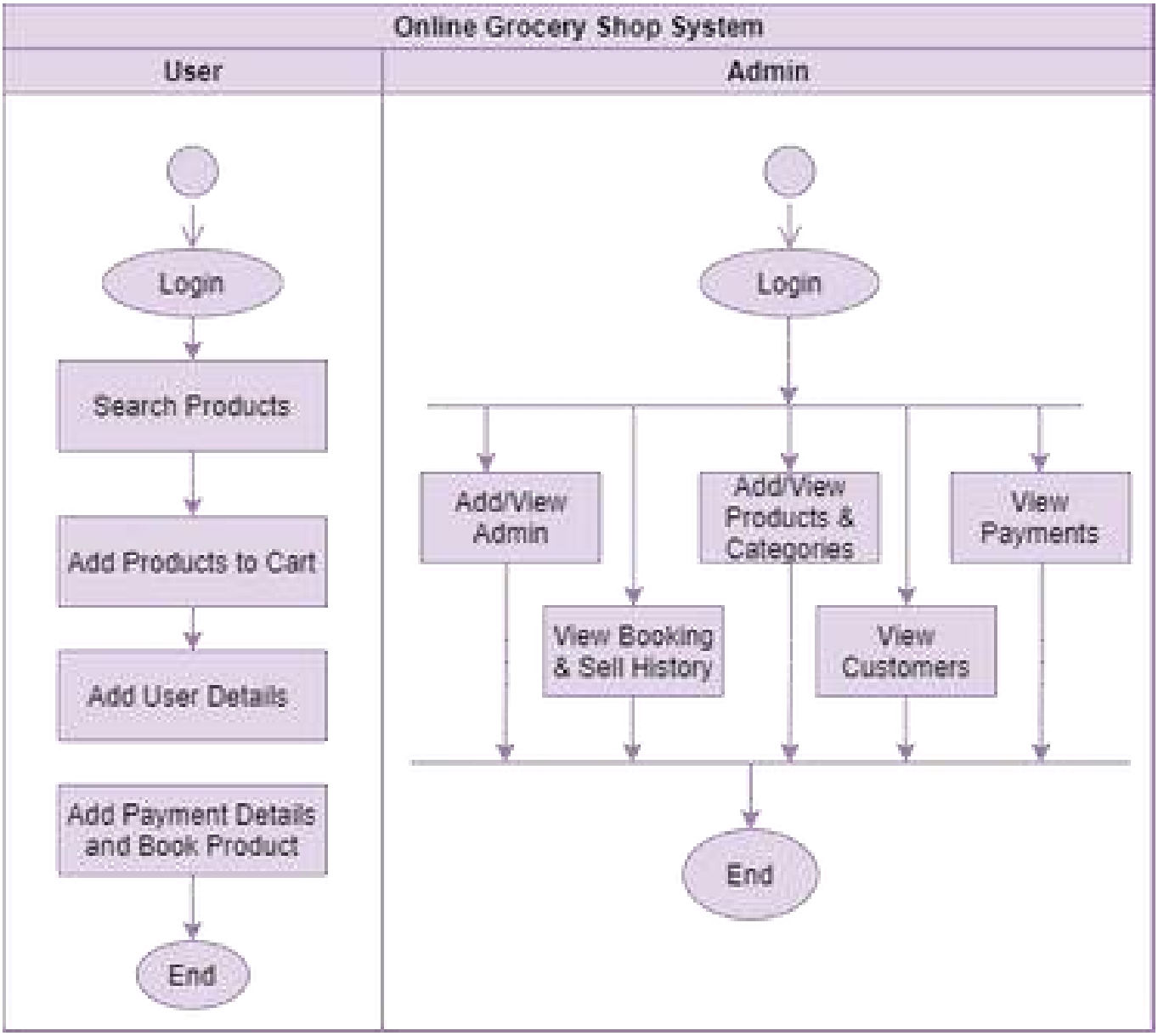
      The page will request the user to provide validcredentials
      User actor enters the credentials
      User enters into the system

7. Alternate Flow:
   - Invalid Credentials:
     - If user provides invalid credentials in the basic flow, a validation message or error message should appear. Hence, returning the student/actor tothe basic flow...

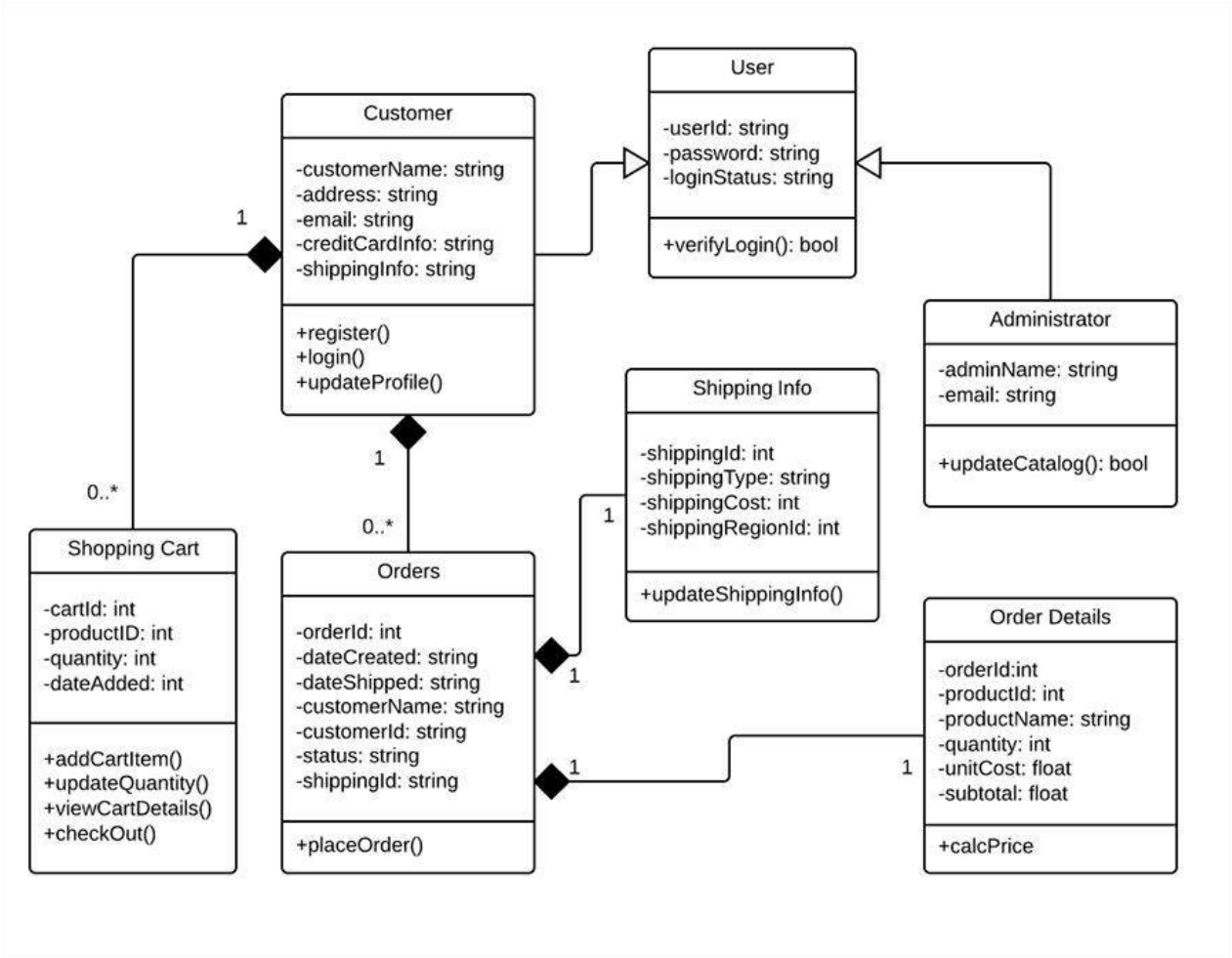
8. Special Requirements: None

9. Associated Use Case(s): None

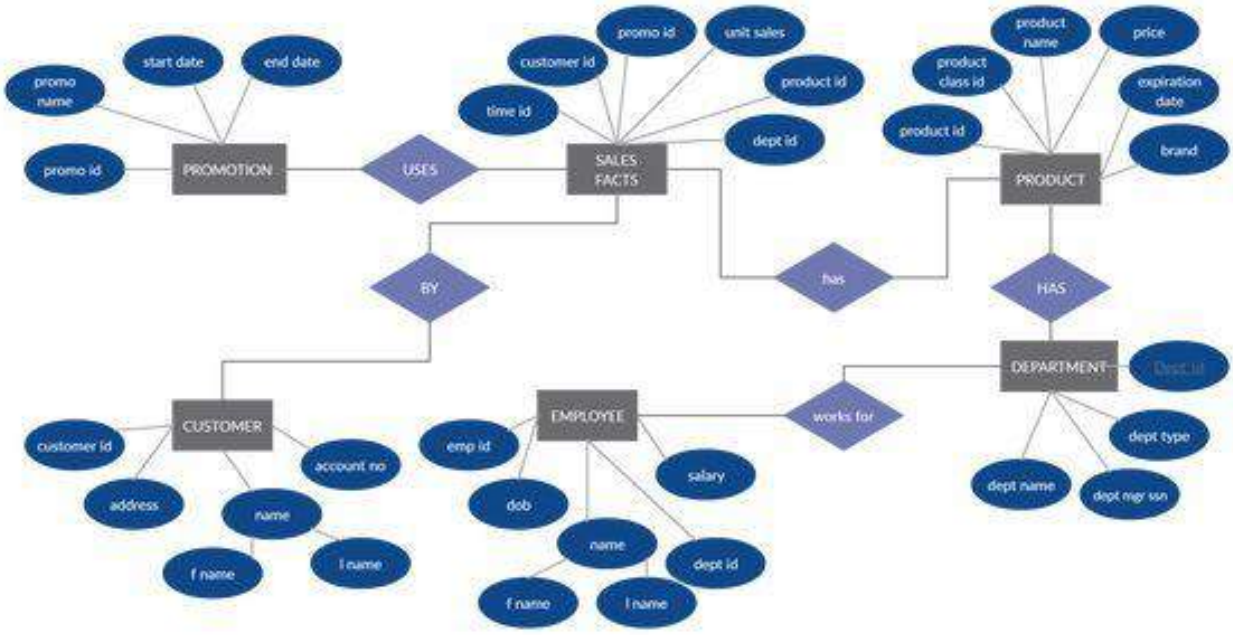
3.2Activity diagram:



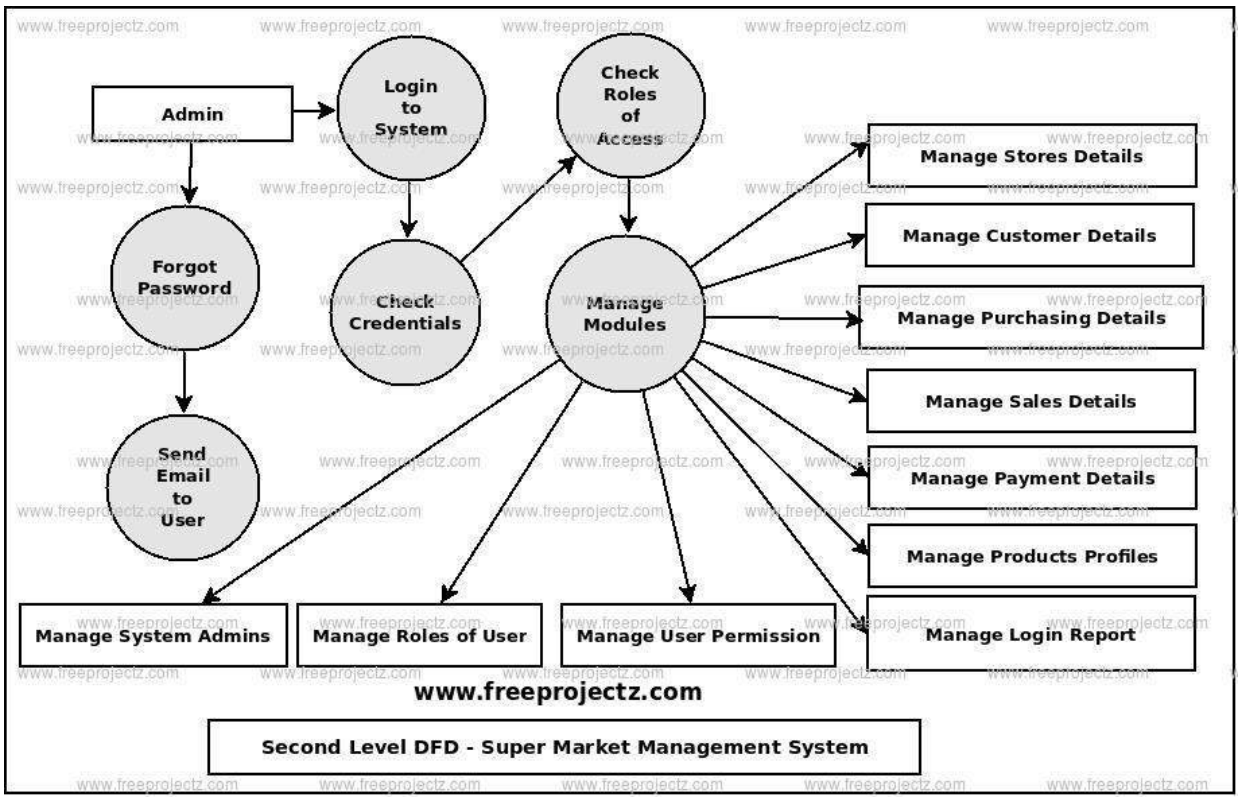
3.3 Class Diagram:



3.4 ER Diagram:



3.5 Data Level Flow Diagram:



4. IMPLEMENTATION

In Grocery website project that have been used in developing the frontendof the project are being discussed in this chapter.

FRONT END:

HTML, CSS, JAVASCRIPT, are utilized to implement the Frontend

HTML (the Hypertext Markup Language) and CSS (Cascading Style Sheets) are two of the core technologies for building Web pages. HTML provides the *structure* of the page, CSS the (visual and aural) *layout*, for a variety of devices. Along with graphics and scripting, HTML and CSS are the basis of building Web pages and Web Applications.

CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language. The separation of HTML from CSS makes it easier to maintain sites, share style sheets across pages, and tailor pages to different environments. This is referred to as the *separation of structure (or: content) from* presentation.

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else. (Okay, not everything, but it is amazing what you can achieve with a few lines of JavaScript code.)

In Fresh Online Grocery Ordering Website is an online web application for automating the process of ordering grocery products from suppliers and paying for them in advance. Therefore, there is no need for the suppliers to wait for a long time and pay in cash at the time of delivery. This system also helps farmers to sell their products through this system.

The current Grocery Ordering system is not much efficient and can lead to a major waste of time as the supplier needs to wait for a long period. The main purpose to design this Online Grocery Ordering application is to provide an environment where the users will be able to order products from a supplier and pay in advance.

HTML Tags used in Project:

1.Header:

The <header> tag in HTML is used to define the header for a document or a section as itcontains the information related to the title and heading of the related content. The <header> element is intended to usually contain the section's heading

2.Anchor Tag:

<a>: The Anchor element. The <a> HTML element (or anchor element), with its href attribute, creates a hyperlink to web pages, files, email addresses, locations in the samepage, or anything else a URL can address. Content within each <a> should indicate the link's destination.

3.Nav:

The <nav> HTML element represents a section of a page whose purpose is to providenavigation links, either within the current document or to other documents. Common examples of navigation sections are menus, tables of contents, and indexes.

4.Div:

The tag defines a division or a section in an HTML document. The tag is used as a container for HTML elements - which is then styled with CSS or manipulatedwith JavaScript. The tag is easily styled by using the class or id attribute.

5.Form:

An **HTML form** is *a section of a document* which contains controls such as text fields,password fields, checkboxes, radio buttons, submit button, menus etc.

An HTML form facilitates the user to enter data that is to be sent to the server for processingsuch as name, email address, password, phone number, etc...

6.Span:

The tag is an inline container used to mark up a part of a text, or a part of a document. The tag is easily styled by CSS or manipulated with JavaScript usingthe class or id attribute. The tag is much like the element, but is a block-level element and is an inline element

7.Img:

The <img> tag creates a holding space for the referenced image. The <img> tag has tworequired attributes: src - Specifies the path to the image. alt - Specifies an alternate text for the image,

8.section

<section> tag defines the section of documents such as chapters, headers, footers orany other sections. The section tag divides the content into section and subsections

9.Heading Tags

<h1> tag is **an HTML heading that's most commonly used to mark up a web page title**. Most websites use CSS to make the H1 stand out on the page compared to lesserheadings like H2, H3, etc

<h2> tag **defines the second level heading in the HTML document**. This tag is alsocommonly referred to as the <h2> element

<h3> tag **defines the third level heading in the HTML document**. This tag is also commonly referred to as the <h3> element

4.1 Module

4.1.1. Login: The Login Module is a portal module that allows users to type a user name and password to log in. You can add this module on any module tab to allow users to log in to the system. If you allow users to create accounts and turn on Portal Direct Entry, a Create Account link appears in the Login Module.

4.1.2 View Product: After login process user can view the products in the system (Grocery website). In Grocery website all types of products are available such as veg, Non-veg, user can choose the products and visit the products

4.1.3 View Categories: After login process user can view the products categories in the system (Grocery website). In Grocery website all types of products are available such as veg, Non-veg, user can choose the products and visit the products.

4.1.4 View Features: After login process user can view features of the products in the system (Grocery website). In that features of the Grocery website fresh organic food, free delivery, easy payments

4.1.5 Add to Cart: A cart module shows the items that have been added to the cart before the customer proceeds to checkout. The module also shows an order summary and lets the customer apply or remove promotional codes.

4.1.6: View Reviews: After login in to the system user can view the customer's reviews. The feedback management module can give customers a means to send/share comments to the client regarding their own experiences on the Feedback

4.1.7: View Blogs: After login process user can view the products blogs and write a blog in the system (Grocery website). In Grocery website all types of products are available such as veg, Non-veg, user can choose the products and visit the products

4.2 CODING:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Complete Responsive Grocery Website Design Tutorial</title>

<link rel="stylesheet" href="https://unpkg.com/swiper@7/swiper-bundle.min.css" />

<!-- font awesome cdn link  -->
<linkrel="stylesheet"href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">
<!-- custom css file link  -->
<link rel="stylesheet" href="style.css">
</head>
<body>
<header class="header">

<a href="#" class="logo"> <i class="fas fa-shopping-basket"></i> groco </a>

<nav class="navbar">
<a href="#home">home</a>
<a href="#features">features</a>
<a href="#products">products</a>
```

```
<a href="#categories">categories</a>
<a href="#review">review</a>
<a href="#blogs">blogs</a>
</nav>

<div class="icons">

<div class="fas fa-bars" id="menu-btn"></div>
<div class="fas fa-search" id="search-btn"></div>
<div class="fas fa-shopping-cart" id="cart-btn"></div>
<div class="fas fa-user" id="login-btn"></div>
</div>

<form action="" class="search-form">
<input type="search" id="search-box" placeholder="search here...">
<label for="search-box" class="fas fa-search"></label>
</form>

<div class="shopping-cart">
<div class="box">
<i class="fas fa-trash"></i>
<img src="image/cart-img-1.png" alt="">
<div class="content">
<h3>watermelon</h3>
<span class="price">$4.99/-</span>
<span class="quantity">qty : 1</span>
</div>
```

```
        </div>
        <div class="box">
            <i class="fas fa-trash"></i>
            <img src="image/cart-img-2.png" alt="">
            <div class="content">
                <h3>onion</h3>
                <span class="price">$4.99/-</span>
                <span class="quantity">qty : 1</span>
            </div>
        </div>
        <div class="box">
            <i class="fas fa-trash"></i>
            <img src="image/cart-img-3.png" alt="">
            <div class="content">
                <h3>chicken</h3>
                <span class="price">$4.99/-</span>
                <span class="quantity">qty : 1</span>
</div>
        <div class="total"> total : $19.69/- </div>
        <a href="#" class="btn">checkout</a>
    </div>

    <form action="" class="login-form">
        <h3>login now</h3>
        <input type="email" placeholder="your email" class="box">
        <input type="password" placeholder="your password" class="box">
        <p>forget your password <a href="#">click here</a></p>
```

```
<p>don't have an account <a href="#">create now</a></p>

<input type="submit" value="login now" class="btn">

</form>

</header>

<!-- header section ends -->


<!-- home section starts  -->


<section class="home" id="home">


<div class="content">

<h3>fresh and <span>organic</span> products for you</h3>

<p>Organic food is often fresher because it doesn’t contain preservatives that make it last longer.Organic produce is sometimes(but not always, so watch where it is from)</p>

<a href="#" class="btn">shop now</a>

</div>


</section><!-- home section ends -->

<!-- features section starts  -->


<section class="features" id="features">


<h1 class="heading"> our <span>features</span> </h1>

<div class="box-container">


<div class="box">

<img src="image/feature-img-1.png" alt="">
```

<h3>fresh and organic</h3>

Organic foods include fresh fruits,fruits vegitables,meats,and dairy products as well as processed foods such as crackers, drinks, and frozen meals.

read more

<img src="image/feature-img-2.png" alt="">

<h3>free delivery</h3>

1.Holy ship! ...

2.Just for you: FREE Shipping on your order! – ...

3.everything ships FREE – Jayson Home.

4.Psst… your order ships FREE! – ...

5.This weekend, gifts ship free! –

read more

<img src="image/feature-img-3.png" alt="">

<h3>easy payments</h3>

Customers can use easy payment to transfer money,withdraw cash,make bank transfers,

top up mobile phone credits and pay bills.Customers fund their easy pay wallet via debit card.

read more

</section>

<section class="products" id="products">

```
<h1 class="heading"> our <span>products</span> </h1>

<div class="swiper product-slider">

<div class="swiper-wrapper">


<div class="swiper-slide box">
<img src="image/product-1.png" alt="">
<h3>fresh orange</h3>
<div class="price"> $2.99/- - 4.99/- </div>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>

</div>
<a href="#" class="btn">add to cart</a>
</div>

<div class="swiper-slide box">
<img src="image/product-2.png" alt="">
<h3>fresh onion</h3>
<div class="price"> $1.99/- - 2.99/- </div>
<div class="stars">
```

```
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<a href="#" class="btn">add to cart</a>
</div>
<div class="swiper-slide box">
<img src="image/product-3.png" alt="">
<h3>fresh meat</h3>
<div class="price"> $2.99/- - 5.99/- </div>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<a href="#" class="btn">add to cart</a>
</div>

<div class="swiper-slide box">
<img src="image/product-4.png" alt="">
<h3>fresh cabbage</h3>
<div class="price"> $4.99/- - 10.99/- </div>
<div class="stars">
```

```
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<a href="#" class="btn">add to cart</a>
</div>
</div>
</div>

<div class="swiper product-slider">

<div class="swiper-wrapper">

<div class="swiper-slide box">
<img src="image/product-5.png" alt="">
<h3>fresh potato</h3>
<div class="price"> $1.99/- - 3.99/- </div>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<a href="#" class="btn">add to cart</a>
```

```
</div>

<div class="swiper-slide box">
<img src="image/product-6.png" alt="">
<h3>fresh avocado</h3>
<div class="price"> $4.99/- - 10.99/- </div>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<a href="#" class="btn">add to cart</a>
</div>

<div class="swiper-slide box">
<img src="image/product-7.png" alt="">
<h3>fresh carrot</h3>
<div class="price"> $3.99/- - 5.99/- </div>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
```

```
<a href="#" class="btn">add to cart</a>
</div>

<div class="swiper-slide box">
<img src="image/product-8.png" alt="">
<h3>green lemon</h3>
<div class="price"> $4.99/- - 10.99/- </div>
<div class="stars">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star-half-alt"></i>
</div>
<a href="#" class="btn">add to cart</a>
</div> </div></div>
</section><!-- products section ends -->
<!-- categories section starts  -->
<section class="categories" id="categories">
<h1 class="heading"> product <span>categories</span> </h1>
<div class="box-container">
<div class="box">
<img src="image/cat-1.png" alt="">
<h3>vegitables</h3>
<p>upto 45% off</p>
<a href="#" class="btn">shop now</a>
</div>
```

```
<div class="box">
<img src="image/cat-2.png" alt="">
<h3>fresh fruits</h3>
<p>upto 45% off</p>
<a href="#" class="btn">shop now</a>
</div>
<div class="box">
<img src="image/cat-3.png" alt="">
<h3>dairy products</h3>
<p>upto 45% off</p>
<a href="#" class="btn">shop now</a>
</div>

<div class="box">
<img src="image/cat-4.png" alt="">
<h3>fresh meat</h3>
<p>upto 45% off</p>
<a href="#" class="btn">shop now</a>
</div>
</div>
</section>
<section class="review" id="review">
<h1 class="heading"> customer's <span>review</span> </h1>

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

<img src="image/pooja.jfif" alt="">

I was very happy that my orders were delivered perfectly. They also sent some extra food as gifts. Very polite and good manners. They covered every product that could leak or break with air sponges in a very durable way.

<h3>Pooja Patil</h3>

<img src="image/megha.jpeg" alt="">

This is one of the best experience we ever had ! Professional premium service,products were beautifully and securely packed and lil suprise.. who doesn't love it ? □ I am so grateful and I'll be loyal customer.Really it's good product.

<h3>Megha Patil</h3>

<img src="image/sanyukta.jpeg" alt="">

Perfect online grocery store for after work grocery shopping. Our family loves shopping with Groceryraja.com. I can guarantee that you will surely get a much better grocery shopping experience here than anywhere else. Thanks again.

<h3>Sanyukta Nirgude</h3>

Your items are accurately selected and packed with great care from GroceryRaja,the leading online grocery shopping store & the No.1 Online Supermarket in Coimbatore.We understand your urgency

<h3>Vaishnavi Bhambure</h3>

This is not a tourist attraction. It’s a normal honest to goodness supermarket with basic needs, including many imported items. Japanese sunblock, fruit juice from Poland, and lots of daily necessities

```
from nearby countries. </p>

<h3>Priyanka Salvi</h3>

<div class="stars">

<i class="fas fa-star"></i>

<i class="fas fa-star"></i>

<i class="fas fa-star"></i>

<i class="fas fa-star"></i>

<i class="fas fa-star-half-alt"></i>

</div>

</div>

<div class="swiper-slide box">

        <img src="image/susmita.jpeg" alt="">

        <p>We went only to the supermarket to buy some groceries. It was not crowded during lunchtime.I bought what I needed. The prices were ok,and the location was convenient, we walked to our ferry station from there.</p>

        <h3>Susmita Yadav</h3>

        <div class="stars">

           <i class="fas fa-star"></i>

           <i class="fas fa-star"></i>

           <i class="fas fa-star"></i>

           <i class="fas fa-star"></i>

           <i class="fas fa-star-half-alt"></i>

        </div></div></div></section>

<!-- review section ends -->

<!-- blogs section starts  -->

<section class="blogs" id="blogs">

  <h1 class="heading"> our <span>blogs</span> </h1>

<div class="box-container"> <div class="box">
```

```
        <img src="image/blog-1.jpg" alt="">
        <div class="content">
            <div class="icons">
                <a href="#"> <i class="fas fa-user"></i> by user </a>
                <a href="#"> <i class="fas fa-calendar"></i> 14th October, 2022 </a>
            </div>
            <h3>fresh and organic vegitables and fruits</h3>
            <p>Organic food is produced by farmers who wish to protect the environment for future
generations. These crops are grown, handled and processed without synthetic fertilizers, pesticides or herbicides; artificial ingredients or preservatives. </p>
            <a href="#" class="btn">read more</a>
        </div>
    </div>
<div class="box">
        <img src="image/blog-2.jpg" alt="">
        <div class="content">
            <div class="icons">
                <a href="#"> <i class="fas fa-user"></i> by user </a>
                <a href="#"> <i class="fas fa-calendar"></i> 3rd October,2022 </a>
            </div>
            <h3>fresh and organic vegitables and fruits</h3>
            <p>Organic food is grown without the use of synthetic chemicals, such as human-made pesticides and fertilizers, and does not contain genetically modified organisms (GMOs).Organic fruits and vegitables is good for health.Eat healthy! and live healthy!</p>
            <a href="#" class="btn">read more</a>
        </div>

    </div>
```

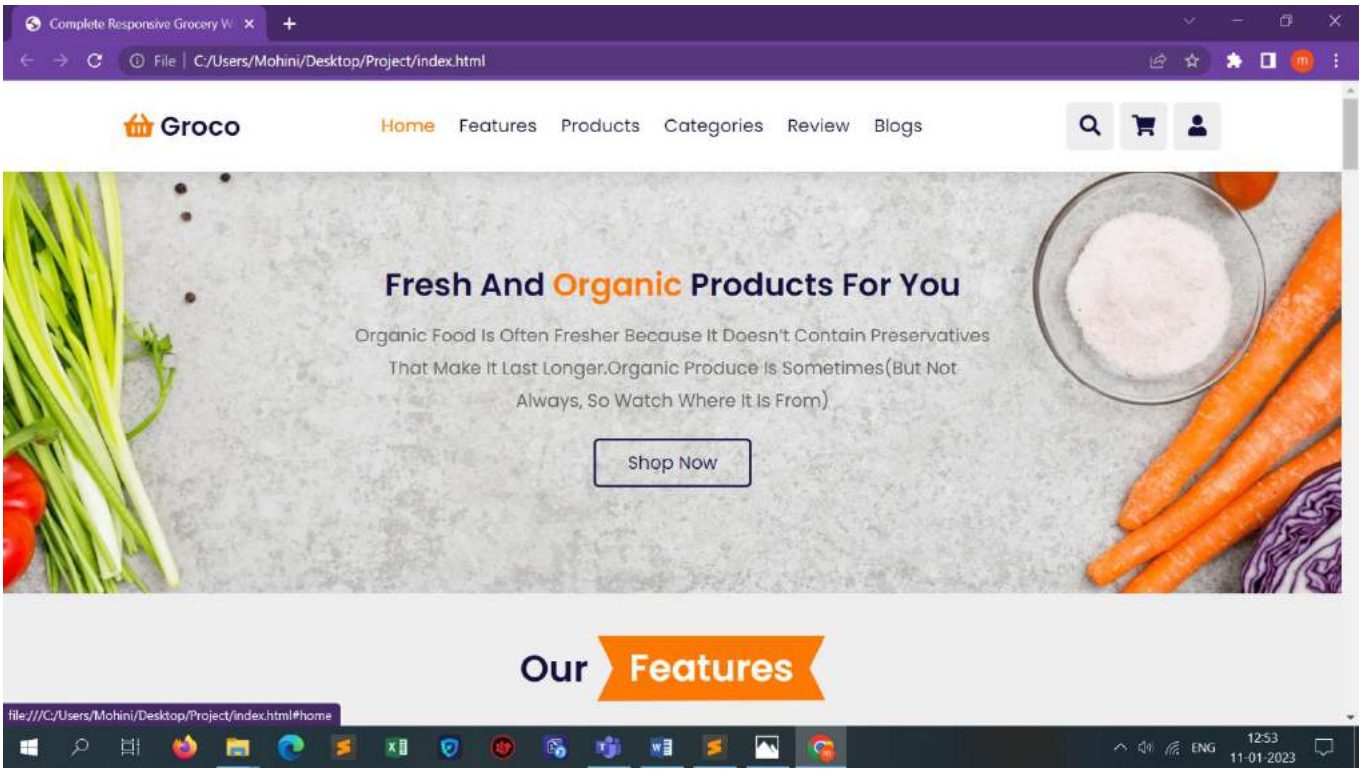
```
 <div class="box">
        <img src="image/blog-3.jpg" alt="">

 <div class="content">
            <div class="icons">
               <a href="#"> <i class="fas fa-user"></i> by user </a>
               <a href="#"> <i class="fas fa-calendar"></i> 1st October, 2022 </a>
            </div>
            <h3>fresh and organic vegitables and fruits</h3>
            <p>Organic food is produced by farmers who wish to protect the environment for future generations. These crops are grown, handled and processed without synthetic fertilizers, pesticides or herbicides; artificial ingredients or preservatives. </p>
            <a href="#" class="btn">read more</a>
         </div>
      </div>
 </div>
</section>
<!-- blogs section ends -->

<!-- footer section starts  -->
<section class="footer">
<div class="box-container">
  <div class="box">
        <h3> groco <i class="fas fa-shopping-basket"></i> </h3>
        <p>Online grocery shopping is a way of buying food and other household necessities using a web-based shopping service.</p>
        <div class="share">
           <a href="#" class="fab fa-facebook-f"></a>
```

```
            <a href="#" class="fab fa-twitter"></a>
            <a href="#" class="fab fa-instagram"></a>

<a href="#" class="fab fa-linkedin"></a>
        </div>
    </div>
<div class="box">
        <h3>contact info</h3>
        <a href="#" class="links"> <i class="fas fa-phone"></i> +919763910985 </a>
        <a href="#" class="links"> <i class="fas fa-phone"></i> +919876543098 </a>

        <a href="#" class="links"> <i class="fas fa-envelope"></i> mohinichavan223@gmail.com </a>
        <a href="#" class="links"> <i class="fas fa-map-marker-alt"></i> nashik, india - 400104 </a>
    </div>

    <div class="box">
        <h3>quick links</h3>
        <a href="#" class="links"> <i class="fas fa-arrow-right"></i> home </a>
        <a href="#" class="links"> <i class="fas fa-arrow-right"></i> features </a>
        <a href="#" class="links"> <i class="fas fa-arrow-right"></i> products </a>

 <a href="#" class="links"> <i class="fas fa-arrow-right"></i> categories </a>
        <a href="#" class="links"> <i class="fas fa-arrow-right"></i> review </a>

 <a href="#" class="links"> <i class="fas fa-arrow-right"></i> blogs </a>
    </div>
```

```
<div class="box">
            <h3>newsletter</h3>
            <p>subscribe for latest updates</p>
  <input type="email" placeholder="your email" class="email">
            <input type="submit" value="subscribe" class="btn">
            <img src="image/payment.png" class="payment-img" alt="">
        </div>
</div>
<div class="credit"> created by <span> miss.web designer </span> | all rights reserved </div>
</section>
<script src="https://unpkg.com/swiper@7/swiper-bundle.min.js"></script>
<!-- custom js file link  -->
<script src="script.js"></script>
</body></html>
```

4.3 Screenshots:

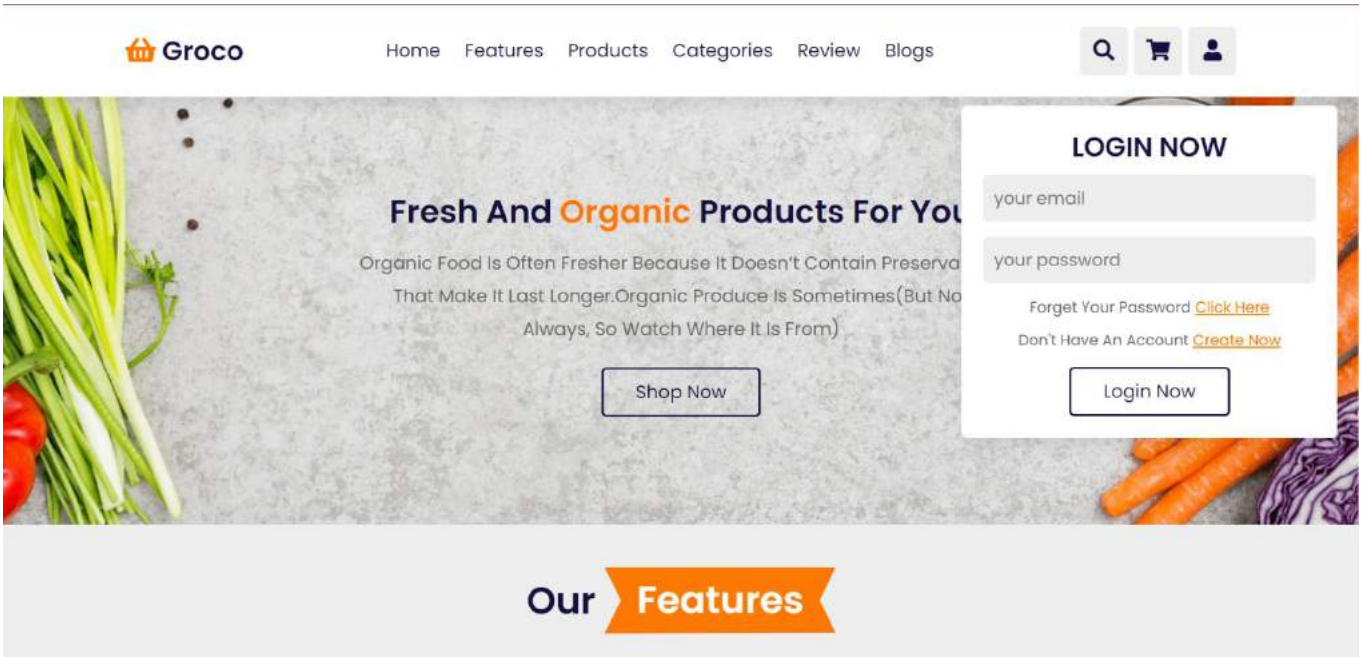
Home



This is home page for Grocery website project, in this home page all modules are present, User can login this page also user can check the features categories, blogs of Grocery store. User can review the customers reviews, user can order the products also they can comment on the product

This project is a web based on ordering grocery products system for an existing shop. Online ordering is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form ofelectronic commerce.

Login



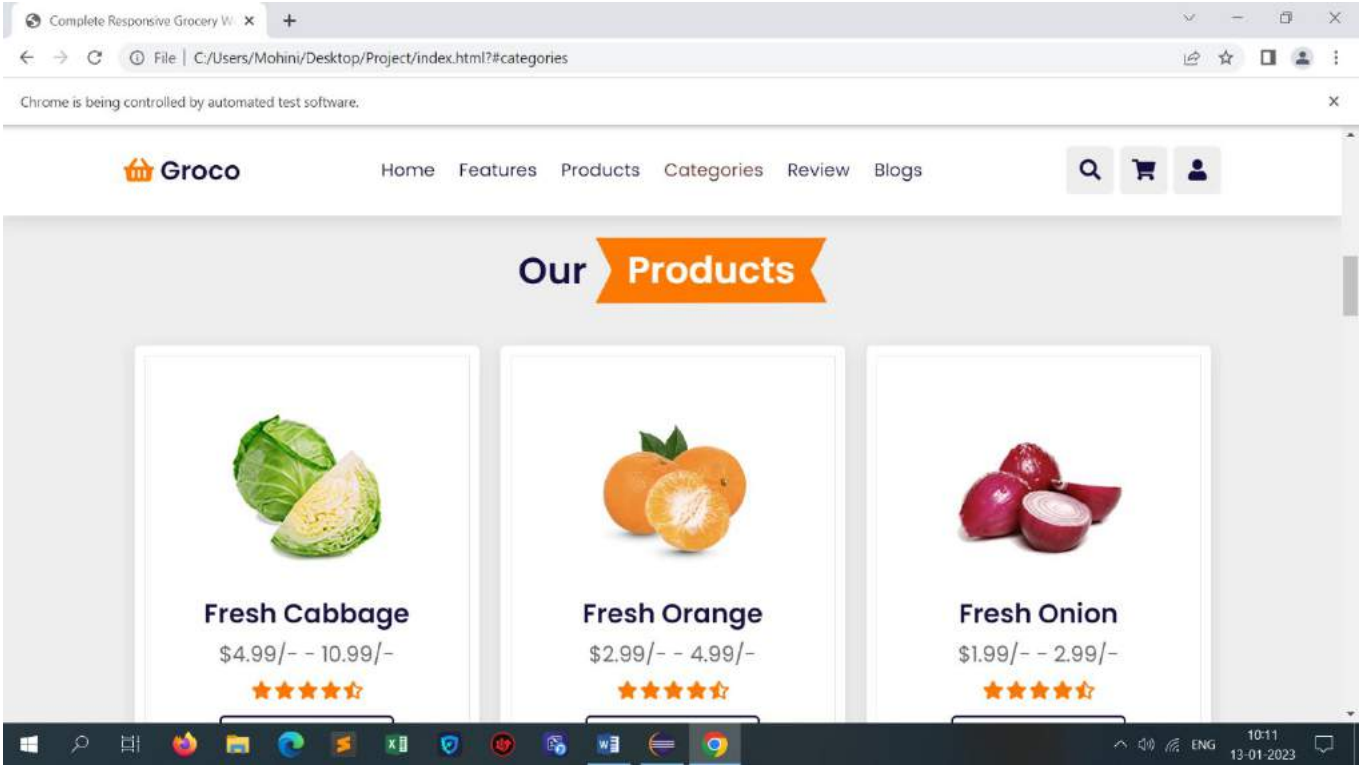
The Login Module is a portal module that allows users to type a user name and password to log in. You can add this module on any module tab to allow users to log in to the system. If you allow

users to create accounts and turn on Portal Direct Entry, a Create Account link appears in the Login Module. User login with valid username and password · User also having social network login · Forget option also available in login form · User can Re-set the password.

Features

After login process user can view features of the products in the system (Grocery website). In that features of the Grocery website fresh organic food, free delivery, easy payments This end of your grocery app will be used by your customers. Your customers need this part to select a local grocery supplier, choose the items they want to add to the stock and complete the payment. From allowing your customers to sign up for the app to searching groceries, the app enables your audience to execute all the grocery shopping tasks.

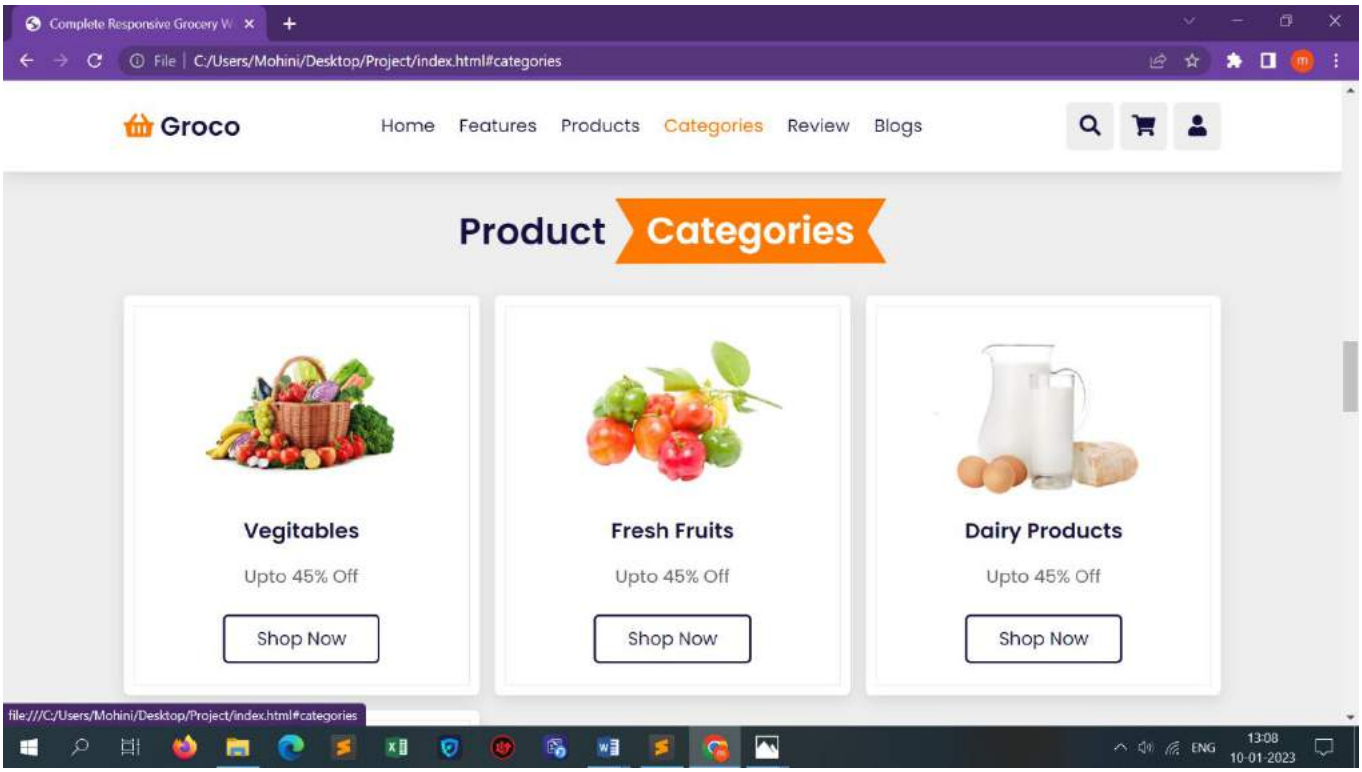
Products



After login process user can view the products in the system (Grocery website). In Grocery website all types of products are available such as veg, Non-veg, user can choose the products and visit the products

A typical grocery store sells fresh produce, meats, dairy products and, often, bakery goods alongside canned, frozen and prepared foods. In addition, a grocery store will also sell a full range of household, healthcare and personal care items.

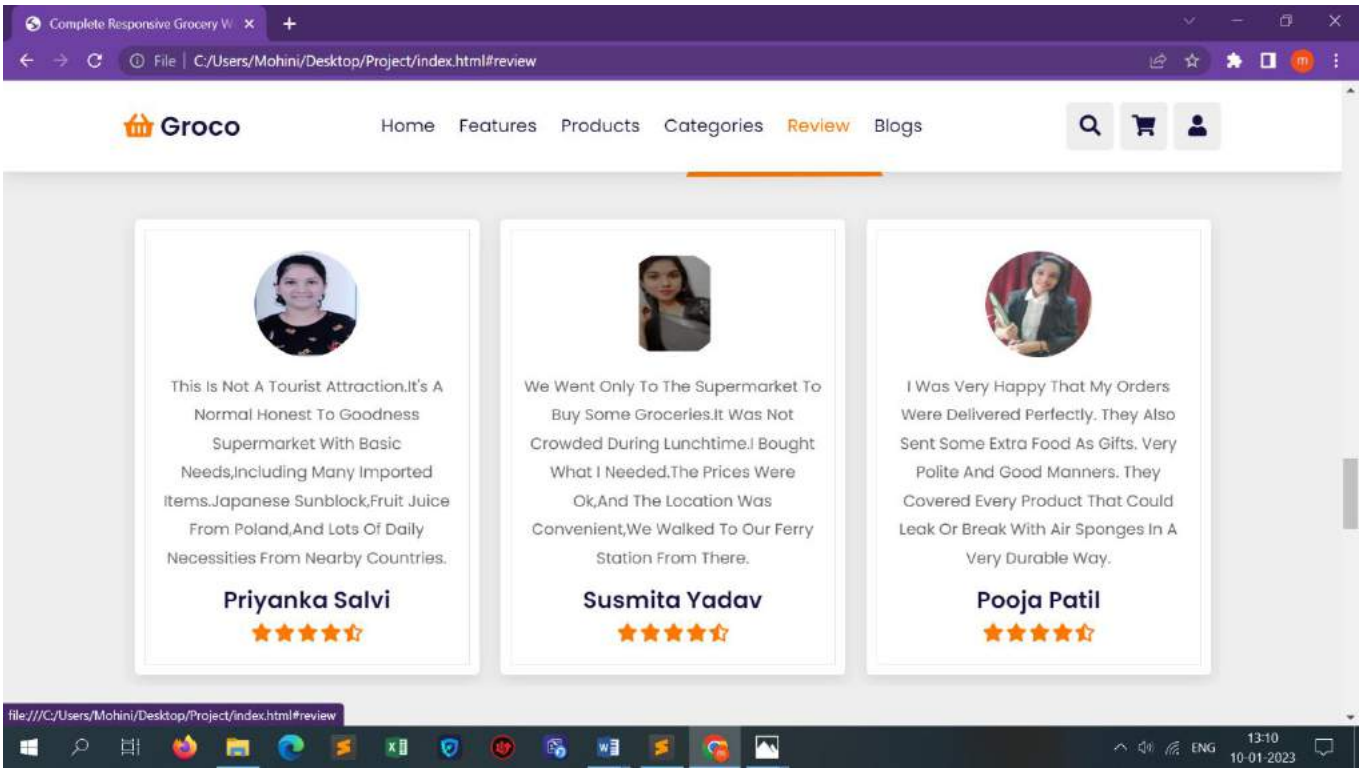
Categories:



After login process user can view the products categories in the system (Grocery website). In Grocery website all types of products are available such as veg, Non-veg, user can choose the products and visit the products.

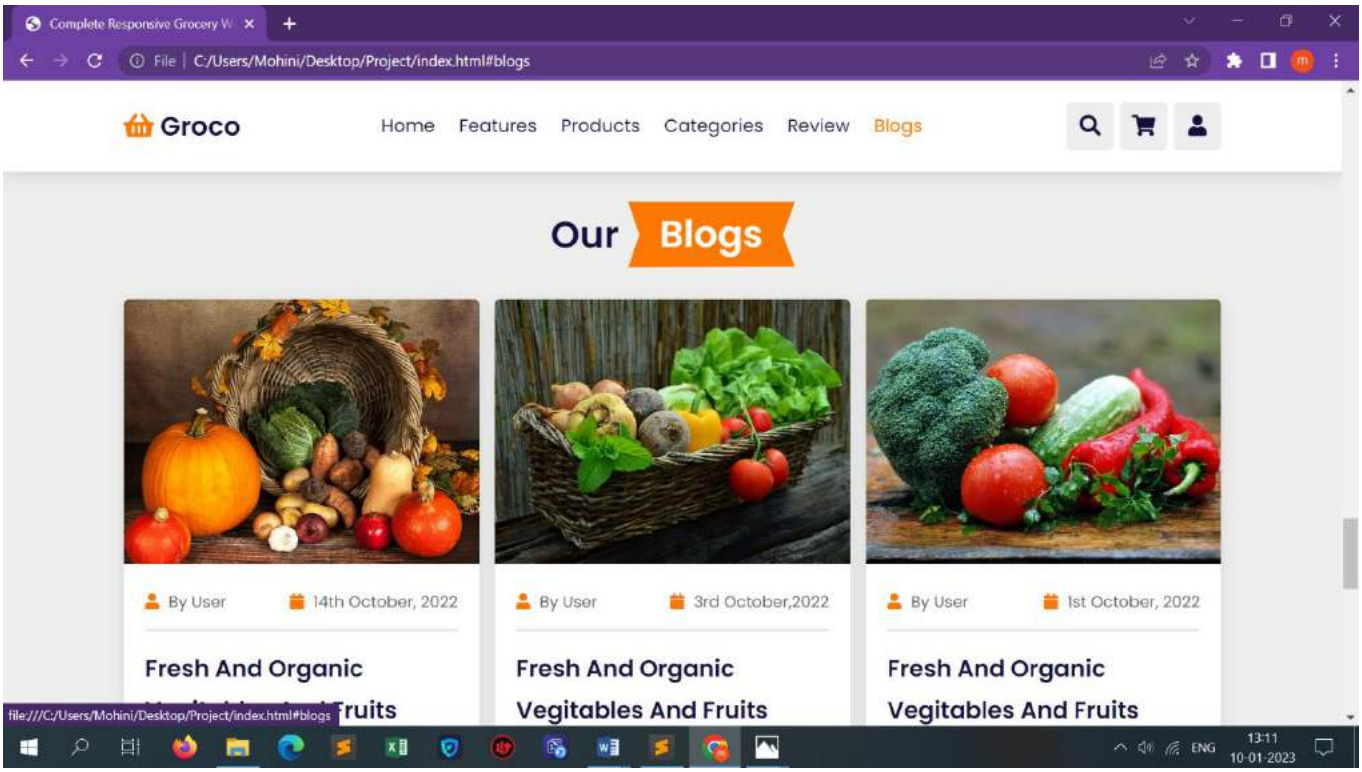
Product Categories:
1.Vegitables
2.Fresh Fruits
3.Meats
4.Dairy Products

Reviews



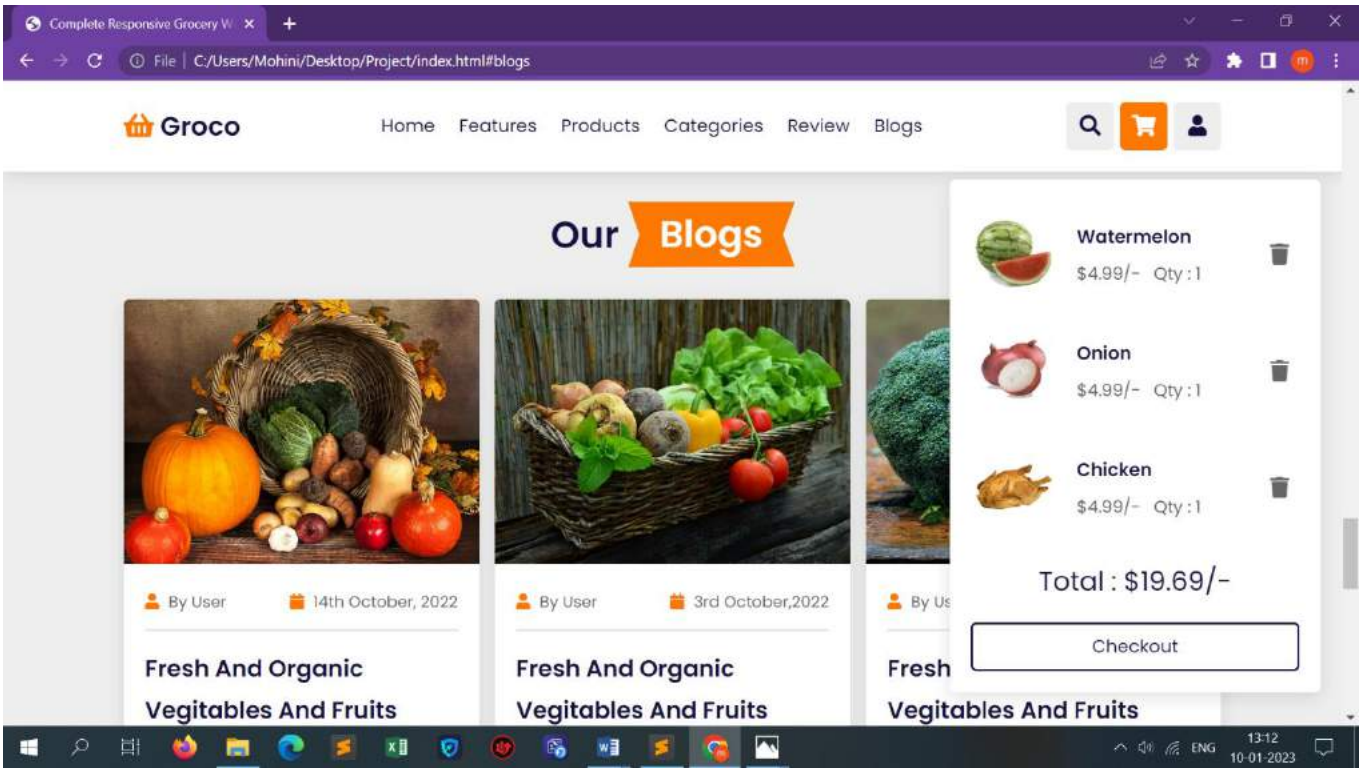
After login in to the system user can view the customer's reviews. The feedback management module can give customers a means to send/share comments to the client regarding their own experiences on the Feedback In this project 8 customers reviews are present. Every new customer can comment on the product.

Blogs:



After login process user can view the products blogs and write a blog in the system (Grocery website). In Grocery website all types of products are available such as veg, Non-veg, user can choose the products and visit the products, in this website user can create a our own blogs.

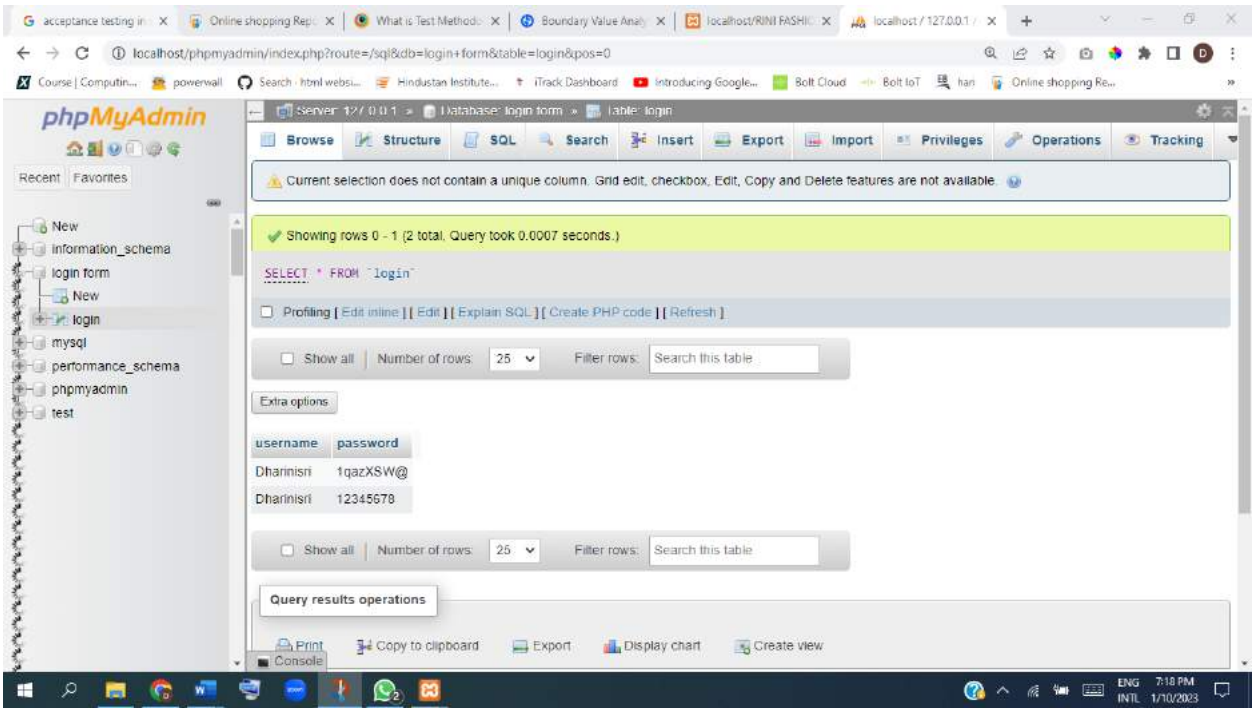
Add to cart:



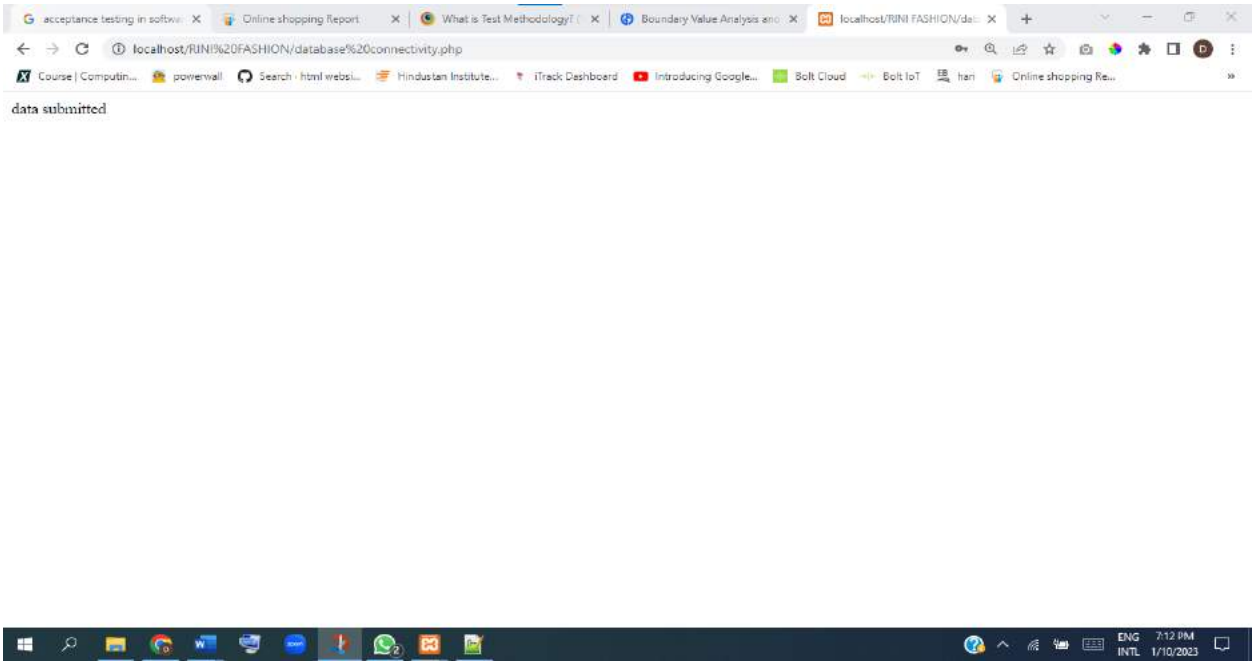
A cart module shows the items that have been added to the cart before the customer proceeds to checkout. The module also shows an order summary and lets the customer apply or remove promotional codes. The add-to-cart button is a feature of Grocery stores that allows customers to choose items to purchase without actually completing the payment. For online stores, it lives on individual product pages, functioning as the digital equivalent of a shopping cart in a brick and mortar store.

4.4 Database Connectivity

```
<?php
$server = "localhost";
$username = "root";
$password = "";
$dbname = "login form";
$con = mysqli_connect($server, $username, $password, $dbname);
if(!$con)
{
	echo "not connected";
}
$username = $_POST['username'];
$password = $_POST['password'];
$sql = "INSERT INTO `login`(`username`, `password`) VALUES ('$username','$password')";
$result = mysqli_query($con , $sql);
if($result)
{
	echo "data submitted";
}
else
{
	echo "query failed.....!";
}
?>
```



Save the Data base:



5 SYSTEM TESTING

5.1 Types of Testing:

Testing is the process of executing a program to find errors. To make our software perform well it should be error-free. If testing is done successfully it will remove all the errors from the software.

1.Black Box Testing

Black Box Testing is a software testing method in which the functionalities of software applications are tested without having knowledge of internal code structure, implementation details and internal paths. Black Box Testing mainly focuses on input and output of software applications and it is entirely based on software requirements and specifications. It is also known as Behavioral Testing.

2.White box testing:

White box testing techniques analyse the internal structures the used data structures, internal design, code structure, and the working of the software rather than just the functionality as in black box testing. It is also called glass box testing or clear box testing or structural testing. White Box Testing is also known as transparent testing, open box testing.

3. Unit Testing:

It focuses on the smallest unit of software design. In this, we test an individual unit or group of interrelated units. It is often done by the programmer by using sample input and observing its corresponding outputs.

4. Integration Testing

The objective is to take unit-tested components and build a program structure that has been dictated by design. Integration testing is testing in which a group of components is combined to produce output.

Integration testing is of four types: (i) Top-down (ii) Bottom-up (iii) Sandwich (iv) Big-Bang

5. System Testing

This software is tested such that it works fine for the different operating systems. It is covered under the black box testing technique. In this, we just focus on the required input and output without focusing on internal working.

In this, we have security testing, recovery testing, stress testing, and performance testing

6.Acceptance Testing:

Acceptance testing is formal testing based on user requirements and function processing. It determines whether the software is conforming specified requirements and user requirements or not. It is conducted as a kind of Black Box testing where the number of required users involved testing the acceptance level of the system. It is the fourth and last level of software testing.

7.Black Box Testing:

Black Box Testing is the method that does not consider the internal structure, design, and product implementation to be tested. In other words, the tester does not know its internal functioning. The Black Box only evaluates the external behaviour of the system. The inputs received by the system and the outputs or responses it produces are tested.

8.White Box Testing

The White Box Test method is the one that looks at the code and structure of the product to be tested and uses that knowledge to perform the tests. This method is used in the Unit Testing phase, although it can also occur in other stages such as Integration Tests. For the execution of this method, the tester or the person who will use this method must have extensive knowledge of the technology used to develop the program.

9.Performance Testing

Performance Testing is a software testing process used for testing the speed, response time, stability, reliability, scalability, and resource usage of a software application under a particular workload. The main purpose of performance testing is to identify and eliminate the performance bottlenecks in the software application. It is a subset of performance engineering and is also known as **"**Perf Testing**"**.

8. Security Testing

Security Testing is a type of Software Testing that uncovers vulnerabilities, threats, risks in a software application and prevents malicious attacks from intruders. The purpose of Security Tests is to identify all possible loopholes and weaknesses of the software system which might result in a loss of information, revenue, repute at the hands of the employees or outsiders of the Organization.

9.Smoke Testing

is a software testing process that determines whether the deployed software build is stable or not. Smoke testing is a confirmation for QA team to proceed with further software testing. It consists of a minimal set of tests run on each build to test software functionalities. Smoke testing is also known as "Build Verification Testing" or "Confidence Testing."

10.Sanity Testing is a subset of regression testing. Sanity testing is performed to ensure that the code changes that are made are working as properly. Sanity testing is a stoppage to check whether testing for the build can proceed or not. The focus of the team during sanity testing process is to validate the functionality of the application and not detailed testing. Sanity testing is generally performed on build where the production deployment is required immediately like a critical bug fix.

5.2 Testing Methodology:

5.2.1 Unit testing:

Log In:

a. Identification and Password properly initiated, encrypted, and validated
b. MySQL injection test
c. Checking for uppercase, lowercase, number, special character in ID and password
d. Either of ID and password not blank
e. Checking for overlapping ID
f. Checking for weak passwords
g. Not available to minors without permission from parents
h. Checking for e-mail notification about making ID and initiating password

Login and start purchasing:

a. Correctly validated before staring a purchasing
b. Not possible to check out products which is already in progress
c. Displaying list of all available products
d. Checking for newest version products place on first page.
e. Checking for exact number of products stocks
f. Checking for available coupon information

g. Checking for visibility about previous history of search
h. Checking for system about suggestion for newest version of products

Payment:

a. Certification username and card information for security
b. Consumer payment for money in proper order
c. Certification for expiration month and year
d. Certification about CVS number
e. Certification for redemption of credit card points

Shipping:

a. Checking for available address information
b. Checking for private information and updated address
c. Chargeable or no chargeable for shipping
d. Checking about time for shipment
e. Checking for type of shipping.

Logout:

a. Search history saved properly after logout
b. Checking out information saved in database
c. Customer redirected to the login screen
d. Checking e-mail system about purchasing information

5.2.2 Integration testing:

We consider the Grocery website as a black box and white box; also check up all of the parts. Also, we will conduct as following orders:

Creating test plans, performing code review of the application modules that integrate the application block, executing the use cases of the application, performing load testing, performing stress testing, performing globalization testing and perform security testing.

• System compatible with different web browsers (for eg. Google chrome, Fire fox, IE etc.)
• System compatible with different Operating System (Widows, Linux, and Mac)
• System compatible with 32 bit or 64 bit operation
• Stress testing against a large number of customers
• Stress testing against a large number of purchasing in one product

5.3 Boundary Value Analysis and Equivalence Partitioning:

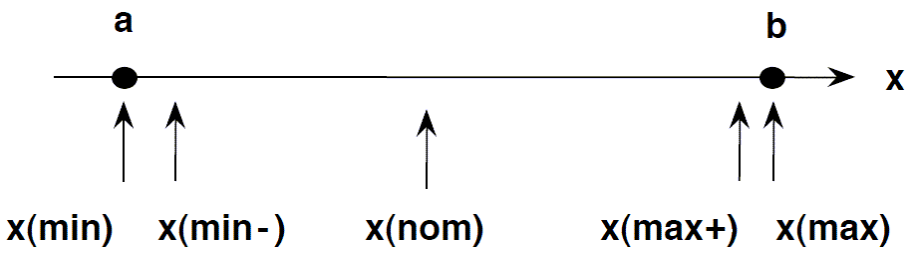
Practically, due to time and budget considerations, it is not possible to perform exhausting testing for each set of test data, especially when there is a large pool of input combinations.

We need an easy way or special techniques that can select test cases intelligently from the pool of test-case, such that all test scenarios are covered. We use two techniques – Equivalence Partitioning &

Boundary Value Analysis testing techniques to achieve this.Boundary testing is the process of testing between extreme ends or boundaries between partitions of the input values.

- So, these extreme ends like Start- End, Lower- Upper, Maximum-Minimum, Just Inside-Just Outside values are called boundary values and the testing is called “boundary testing”.
- The basic idea in normal boundary value testing is to select input variable values at their:

1. Minimum
2. Just above the minimum
3. A nominal value
4. Just below the maximum
5. Maximum

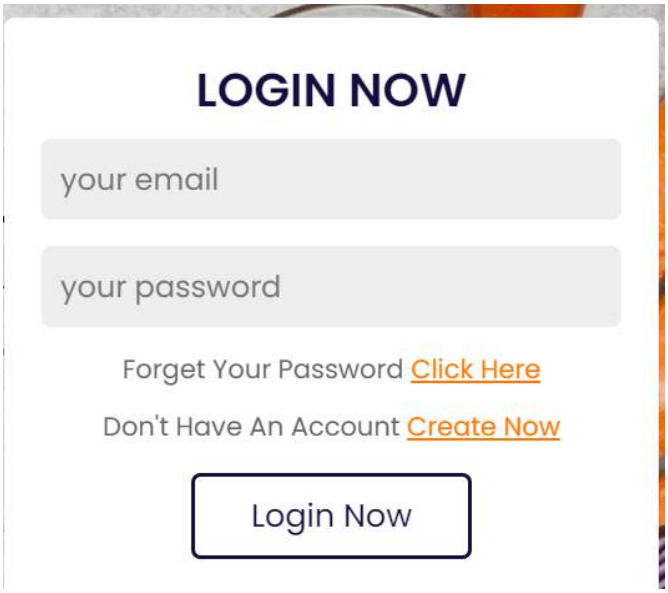


Equivalence Partitioning or Equivalence Class Partitioning is type of black box testing technique which can be applied to all levels of software testing like unit, integration, system, etc. In this technique, input data units are divided into equivalent partitions that can be used to derive test cases which reduces time required for testing because of small number of test cases.

- It divides the input data of software into different equivalence data classes.
- You can apply this technique, where there is a range in the input field.

Example 1: Equivalence and Boundary Value

Following password field accepts minimum 6 characters and maximum 10 characters That means results for values in partitions 0-5, 6-10, 11-14 should be equivalent



Test Scenario #	Test Scenario Description	Expected Outcome
1	Enter 0 to 5 characters in password field	System should not accept
2	Enter 6 to 10 characters in password field	System should accept
3	Enter 11 to 14 character in password field	System should not accept

Examples 2: Input Box should accept the Number 1 to 10

Here we will see the Boundary Value Test Cases

Test Scenario Description	Expected Outcome
Boundary Value = 0	System should NOT accept
Boundary Value = 1	System should accept

Boundary Value = 2	System should accept
Boundary Value = 9	System should accept
Boundary Value = 10	System should accept
Boundary Value = 11	System should NOT accept

5.4 Test Report

5.4.1 Test cases for Grocery Website:

Project Name: Grocery Website

Reference: YouTube

Created by: Mohini Chavan

On Date: 9-1-2023

Review Date: 13-1-2023

Test scenario: 001 login

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Verify login functionality with the valid Email id	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id	Er.mohinichav@gmail.com	User should be able to enter the Email-id	Same as expected	Successfully Entered Email-id	Pass
TC-002	Verify login functionality with the valid password	1.Internet connection should be present 2.user should have account 3.user should enter the email id	1.open login page 2.enter valid Email-id 3.Enter the password	Manya @1234	User should be able to enter the password	Same as expected	Successfully Entered Password	Pass

Test scenario: 002 Features

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Checking the Features functionality	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id 3.enter password 4.Click on Features functionality	N/A	User should be able to click on Features functionality	Same as expected	Successfully opened the features page	Pass

Test scenario: 003 Products

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Checking the products functionality	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id 3.enter password 4.Click on Products functionality	N/A	User should be able to click on Products functionality	Same as expected	Successfully opened the Products page	Pass

Test scenario: 004 Categories

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Checking the Categories functionality	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id 3.enter password 4.Click on categories functionality	N/A	User should be able to click on categories functionality	Same as expected	Successfully opened the categories page	Pass

Test scenario: 005 Reviews

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Checking the Reviews functionality	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id 3.enter password 4.Click on reviews functionality	N/A	User should be able to click on reviews functionality	Same as expected	Successfully opened the reviews page	Pass

Test scenario: 006 Add to cart

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Checking the Add to cart functionality	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id 3.enter password 4.Click on add to cart functionality	N/A	User should be able to click on reviews functionality	Same as expected	Successfully opened the Add to cart page	Pass

Test scenario: 007 Blogs

Testcase ID	Testcase Description	Precondition	Steps	Input Data	Expected Result	Actual Result	Post condition	Result
TC-001	Checking the Blog functionality	1.Internet connection should be present 2.user should have account	1.open login page 2.enter valid Email-id 3.enter password 4.Click on add to cart functionality	N/A	User should be able to click on blog functionality	Same as expected	Successfully opened the blog page	Pass

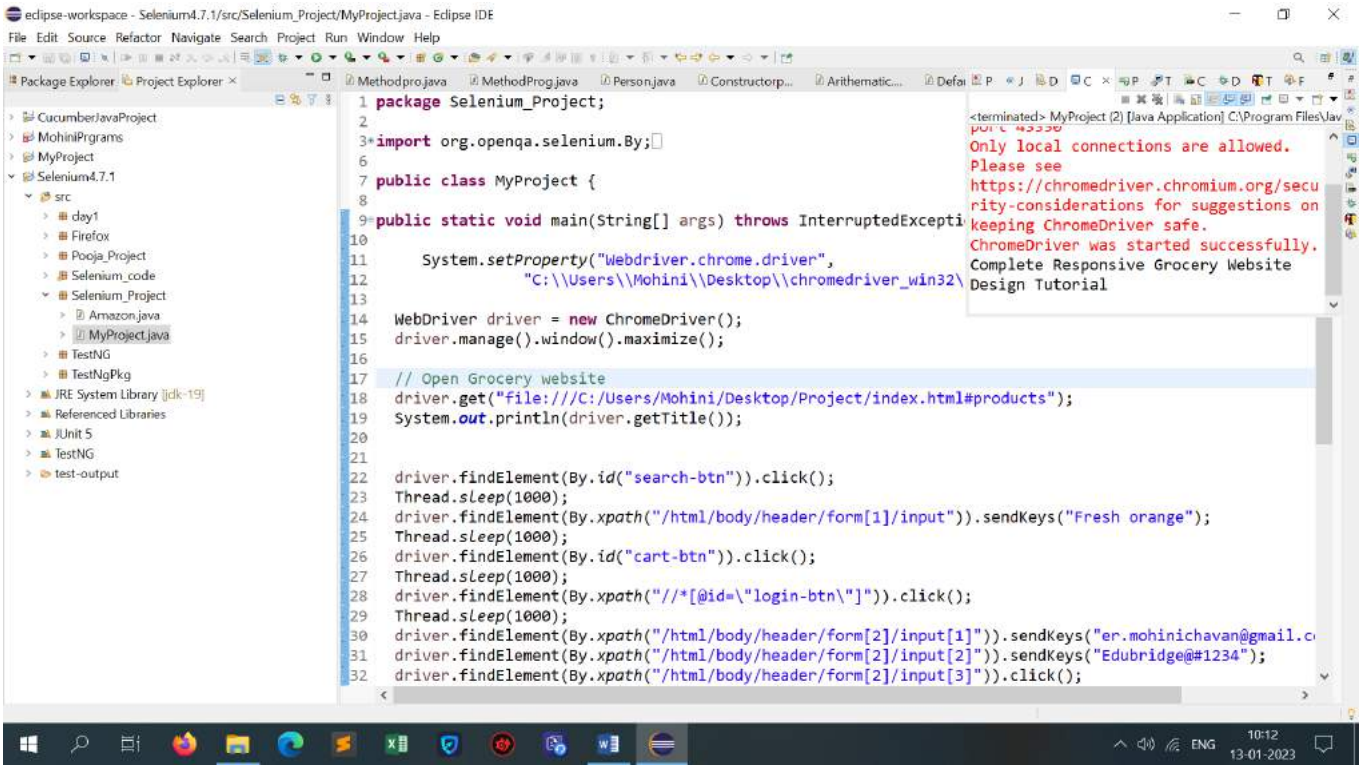
5.4.2 Automation Testing (Selenium) Code for Grocery Website project:

```
package Selenium_Project;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class MyProject {

public static void main(String[] args) throws InterruptedException {

        System.setProperty("Webdriver.chrome.driver",
                        "C:\\Users\\Mohini\\Desktop\\chromedriver_win32\\chromedriver.exe");

  WebDriver driver = new ChromeDriver();
  driver.manage().window().maximize();

  // Open Grocery website
  driver.get("file:///C:/Users/Mohini/Desktop/Project/index.html#products");
  System.out.println(driver.getTitle());


  driver.findElement(By.id("search-btn")).click();
  Thread.sleep(1000);
  driver.findElement(By.xpath("/html/body/header/form[1]/input")).sendKeys("Fresh orange");
  Thread.sleep(1000);
  driver.findElement(By.id("cart-btn")).click();
  Thread.sleep(1000);
  driver.findElement(By.xpath("//*[@id=\"login-btn\"]")).click();
  Thread.sleep(1000);

driver.findElement(By.xpath("/html/body/header/form[2]/input[1]")).sendKeys("er.mohinichavan@gmai
l.com");
  driver.findElement(By.xpath("/html/body/header/form[2]/input[2]")).sendKeys("Edubridge@#1234");
  driver.findElement(By.xpath("/html/body/header/form[2]/input[3]")).click();
  Thread.sleep(1000);
  driver.findElement(By.xpath("/html/body/header/nav/a[1]")).click();//Home
  Thread.sleep(1000);
  driver.findElement(By.xpath("/html/body/header/nav/a[2]")).click();//for features
  Thread.sleep(1000);
```

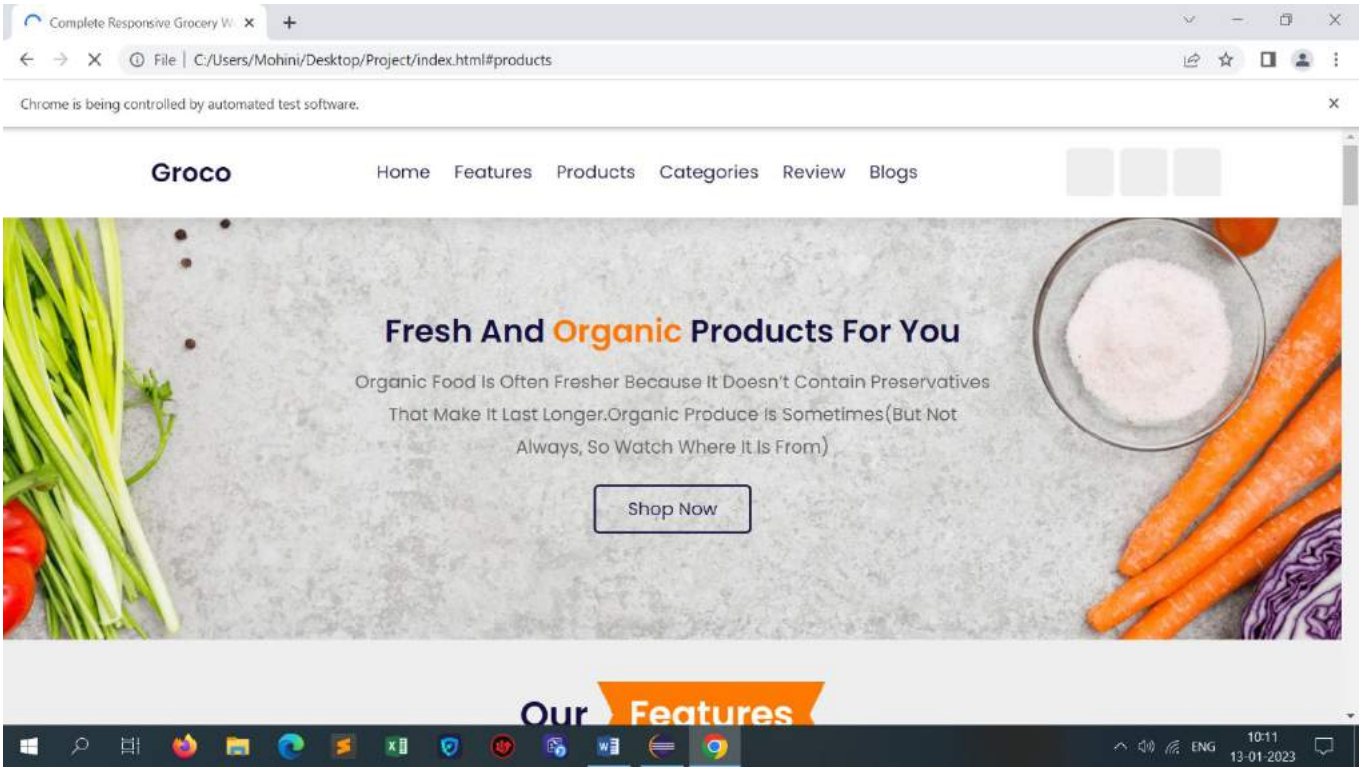
```
driver.findElement(By.xpath("/html/body/header/nav/a[3]")).click(); // for products
  Thread.sleep(1000);

  driver.findElement(By.xpath("/html/body/header/nav/a[4]")).click(); // for Categories
  Thread.sleep(1000);
  driver.findElement(By.xpath("/html/body/header/nav/a[5]")).click();//for Review
  Thread.sleep(1000);
  driver.findElement(By.xpath("/html/body/header/nav/a[6]")).click();//for Blogs
  Thread.sleep(1000);

driver.findElement(By.xpath("/html/body/section[7]/div[1]/div[4]/input[1]")).sendKeys("mohinichavan2
23@gmail.com");
  Thread.sleep(2000);
  //driver.findElement(By.xpath("/html/body/section[7]/div[1]/div[4]/input[2]")).click();
  driver.quit();
 }
}
```

Screenshots of Automation Testing:

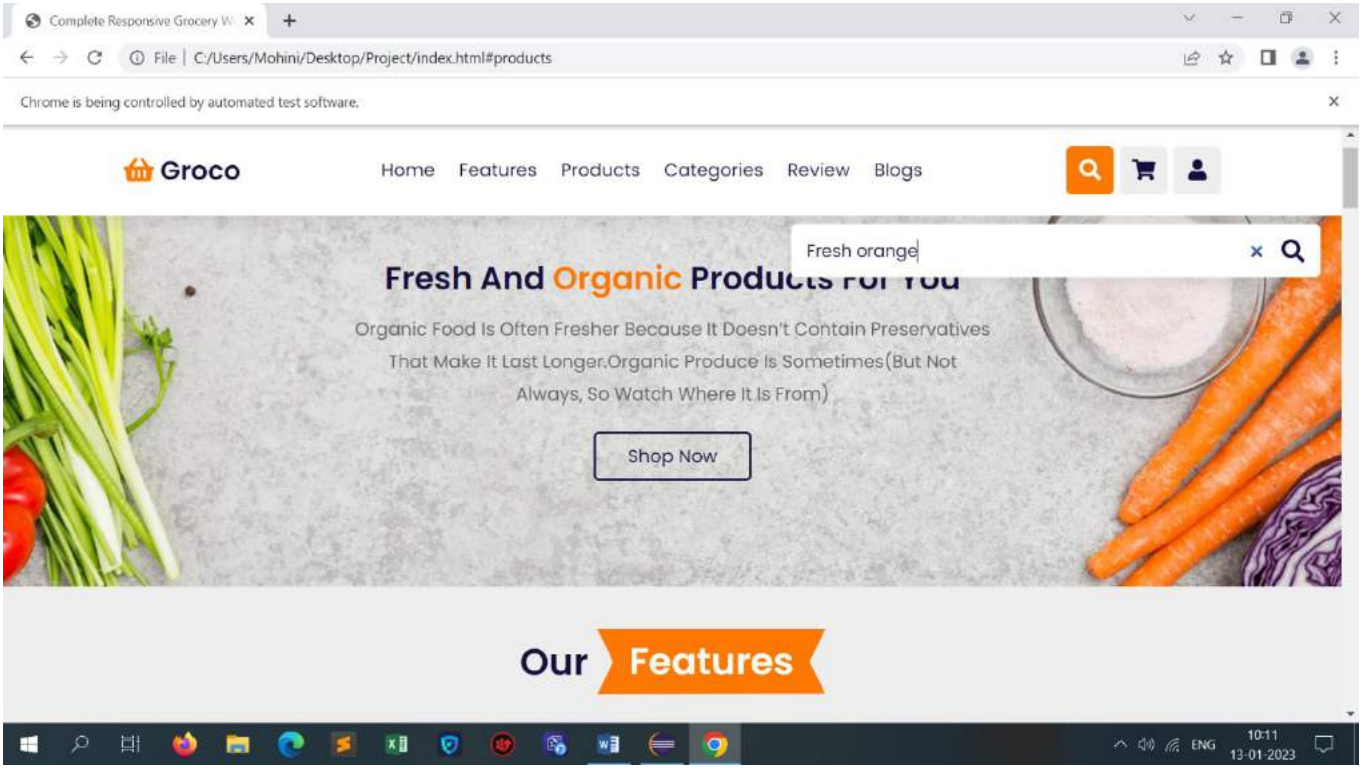
Launch Website:



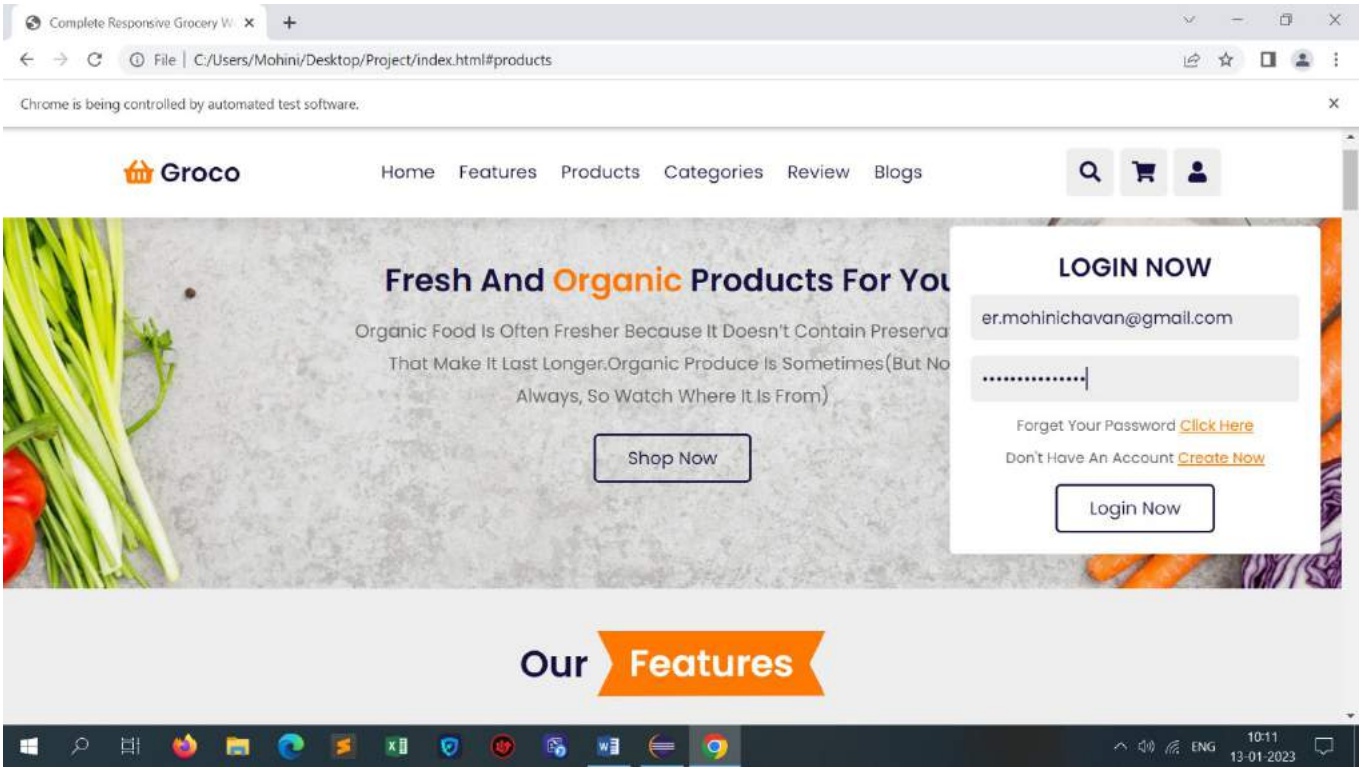
Open Home page:



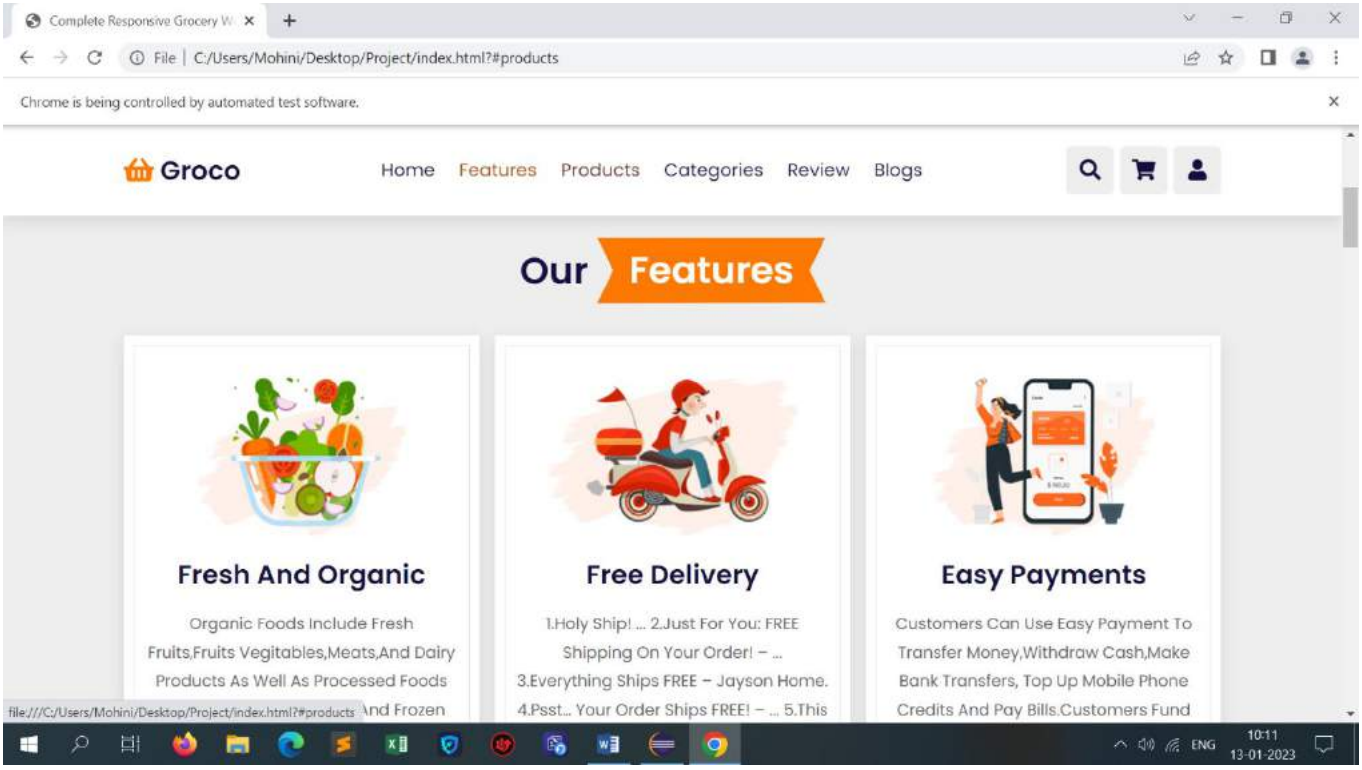
Search Items:



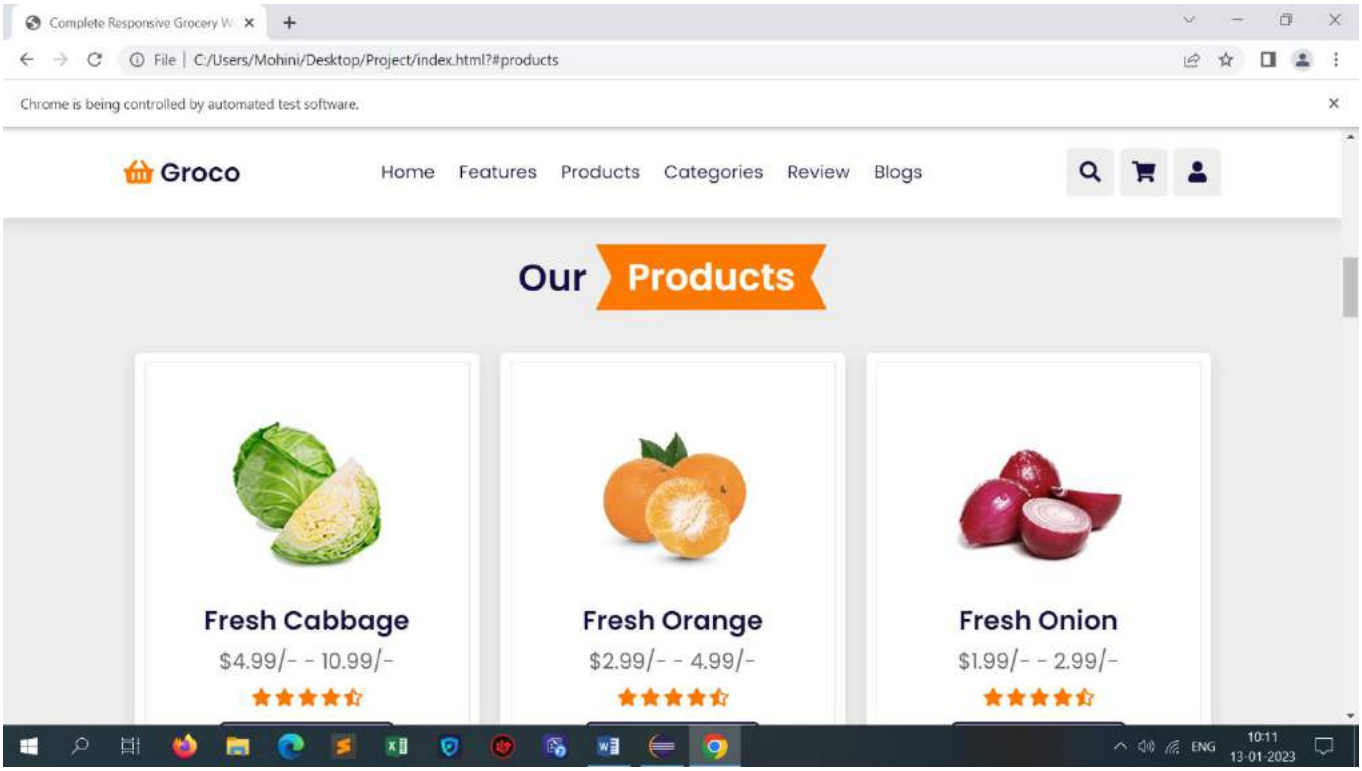
Login Page:



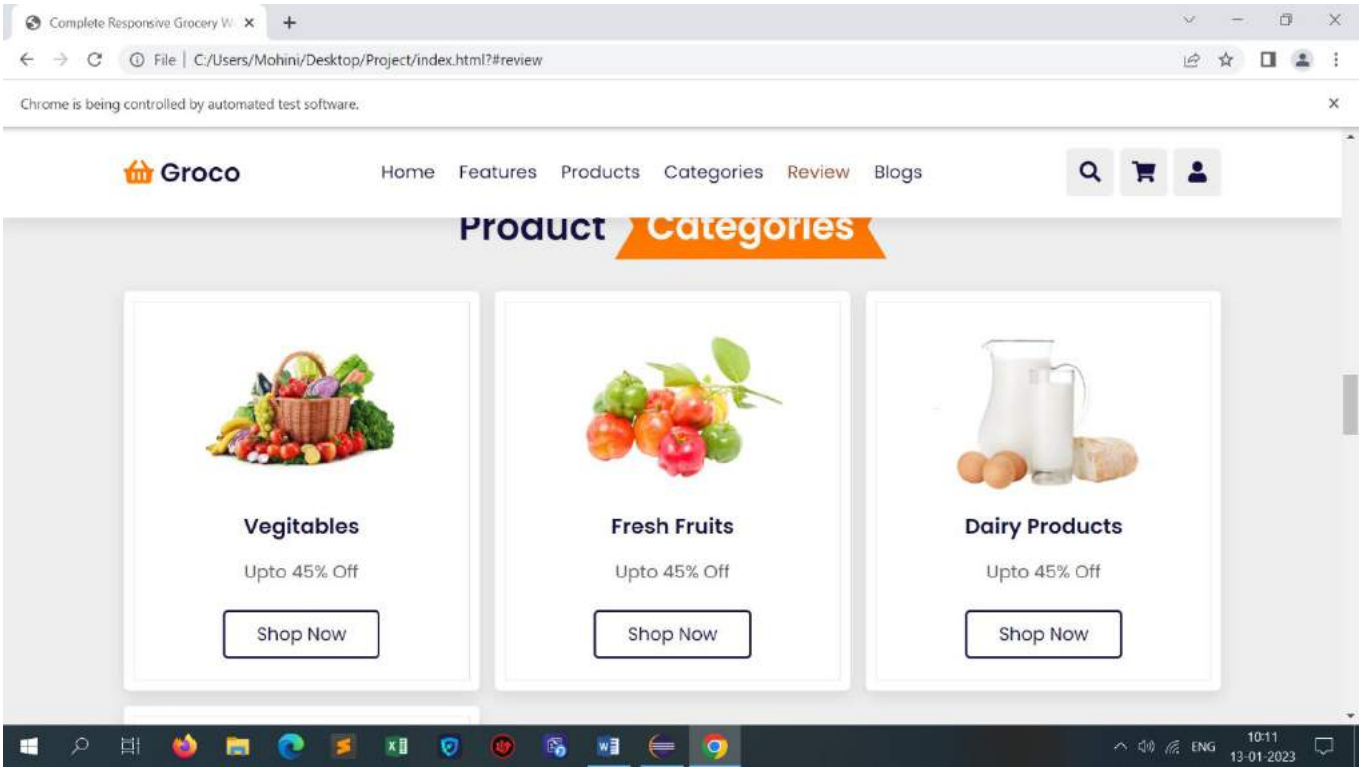
Features:



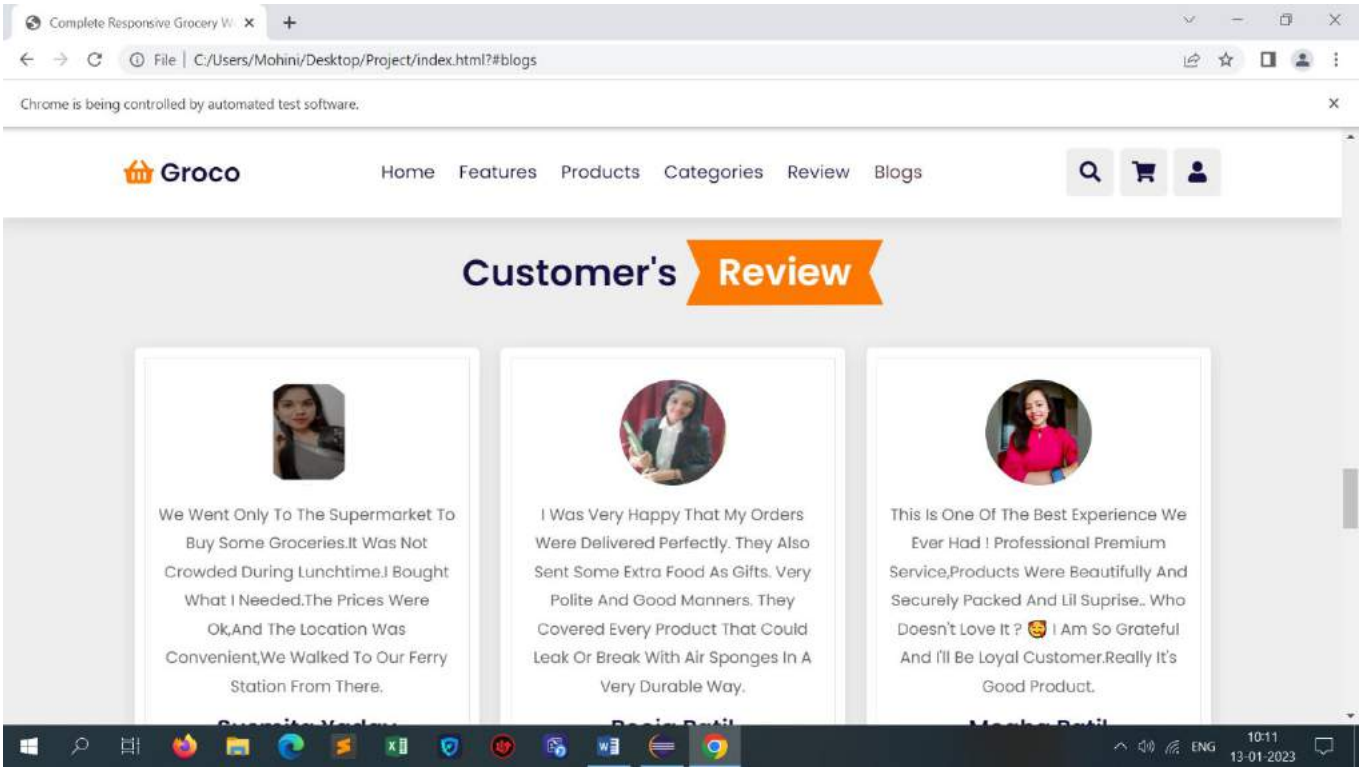
Products:



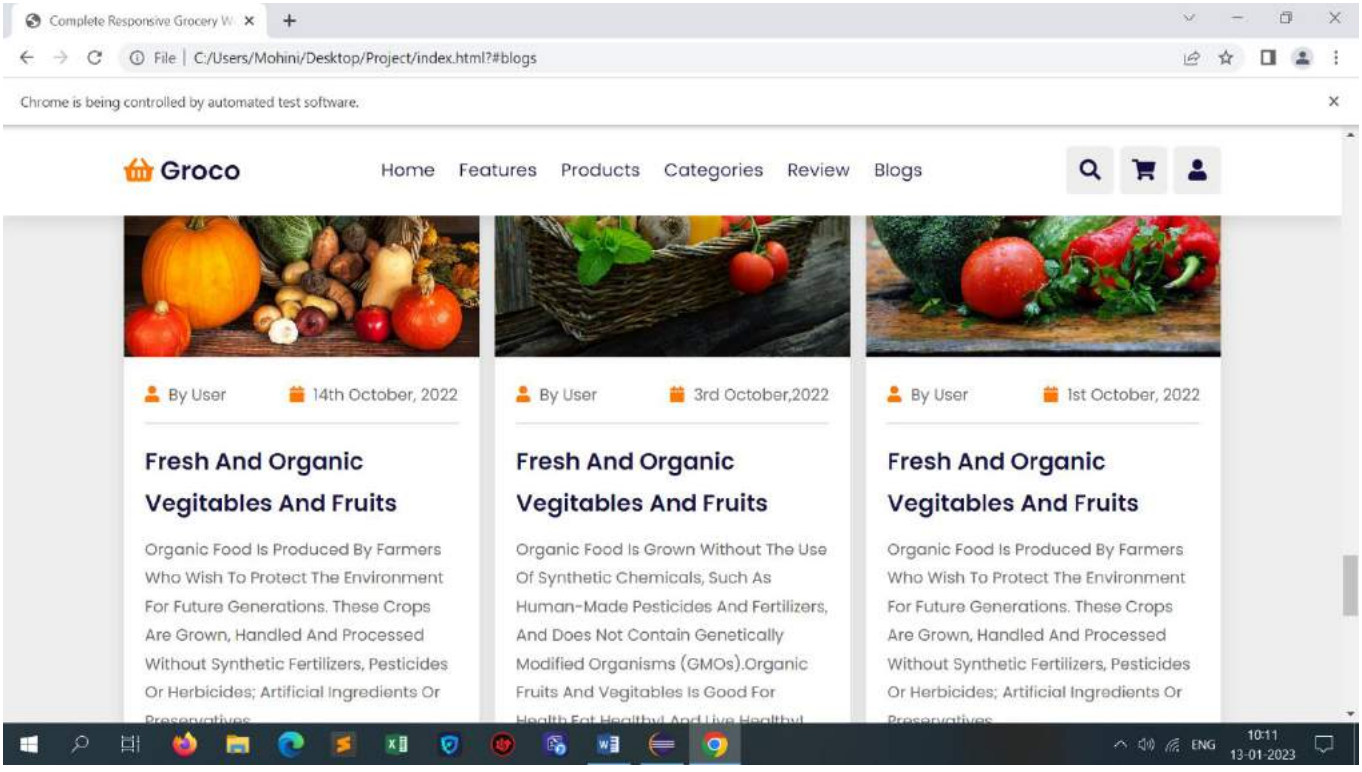
Categories:



Customers Review:



Blogs:



Selenium Code for Amazon Website:

```
package Selenium_Project;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

public class Amazon  {

public static void main(String[] args) throws InterruptedException
{
        System.setProperty("Webdriver.chrome.driver",
                        "C:\\Users\\Mohini\\Desktop\\chromedriver_win32\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

driver.get("http://www.amazon.in/");//Open Amazon
driver.manage().window().maximize();
System.out.println(driver.getTitle());
driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("Mobile");
driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
Thread.sleep(1000);
driver.findElement(By.linkText("EN")).click();

Thread.sleep(1000);
driver.findElement(By.className("a-button-text")).click(); //cancel
Thread.sleep(1000);
driver.findElement(By.cssSelector("#nav-link-accountList ")).click(); //Sign-in
Thread.sleep(1000);
driver.findElement(By.id("ap_email")).sendKeys("er.mohinichavan@gmail.com");
Thread.sleep(1000);
driver.findElement(By.id("continue")).click();
Thread.sleep(1000);
driver.findElement(By.cssSelector("#continue")).click();
Thread.sleep(1000);
driver.findElement(By.id("createAccountSubmit")).click();
Thread.sleep(1000);
driver.findElement(By.className("a-input-text")).sendKeys("Mohini Chavan");
Thread.sleep(1000);
driver.findElement(By.id("ap_phone_number")).sendKeys("9763910985");
driver.findElement(By.name("secondaryLoginClaim")).sendKeys("er.mohinichavan@gmail.com");
```

```
driver.findElement(By.id("ap_password")).sendKeys("Mohi@1234");
driver.findElement(By.className("a-button-input")).click();
```

//Navigate to facebook sign up page

```
driver.navigate().to("https://www.facebook.com/campaign/landing.php?campaign_id=14884913640&extra_1=s%7Cc%7C589460569870%7Cb%7Cfb%20create%20account%7C&placement=&creative=589460569870&keyword=fb%20create%20account&partner_id=googlesem&extra_2=campaignid%3D14884913640%26adgroupid%3D128696221432%26matchtype%3Db%26network%3Dg%26source%3Dnotmobile%26search_or_content%3Ds%26device%3Dc%26devicemodel%3D%26adposition%3D%26target%3D%26targetid%3Dkwd-332264388364%26loc_physical_ms%3D1007786%26loc_interest_ms%3D%26feeditemid%3D%26param1%3D%26param2%3D&gclid=Cj0KCQiA14WdBhD8ARIsANao07gCwXFda4ohrrPZF6UHfiSK6C_zOeWVyC3DwkA7VfLvWh0x05IQeGoaAoy6EALw_wcB");
driver.findElement(By.name("firstname")).sendKeys("Mohini");
driver.findElement(By.name("lastname")).sendKeys("Chavan");
driver.findElement(By.name("reg_email__")).sendKeys("9763910985");
driver.findElement(By.name("reg_passwd__")).sendKeys("Mohi@1234");
```

//Dropdown list

```
Select se = new Select(driver.findElement(By.xpath("//*[@id=\"day\"]")));
se.selectByValue("7");

Select se1 = new Select(driver.findElement(By.xpath("//*[@id=\"month\"]")));
se1.selectByVisibleText("May");


Select seYr = new Select(driver.findElement(By.id("year")));
seYr.selectByIndex(25);
driver.findElement(By.name("sex")).click();//for selecting female
driver.findElement(By.name("websubmit")).click();
driver.quit();
}
}
```

//Drag and Drop Code

```
package Selenium_code;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
```

```
public class DragAndDrop {

	public static void main(String[] args) throws InterruptedException {
		//Set the path of executable Browser Driver
		System.setProperty("Webdriver.chrome.driver",
				"C:\\Users\\Mohini\\Desktop\\chromedriver_win32\\chromedriver.exe");

		WebDriver driver=new ChromeDriver(); //Parent p=new Child (webdriver is Parent & ChromeDriver is Child)
		driver.manage().window().maximize();

		driver.get("https://jqueryui.com/droppable/");

		//WebElement iframe = driver.findElement(By.tagName("iframe"));
		WebElement iframe = driver.findElement(By.xpath("//*[@id=\"content\"]/iframe"));
		driver.switchTo().frame(iframe);
		WebElement draggableitem=driver.findElement(By.id("draggable"));
		WebElement droppableitem=driver.findElement(By.id("droppable"));
		Thread.sleep(2000);
		Actions action = new Actions(driver);
		action.dragAndDrop(draggableitem, droppableitem).build().perform();}}
```

Automation testing of Cucumber:

```
package StepsUser;

import
io.cucumber.java.en.And;
import
io.cucumber.java.en.Give
n; import
io.cucumber.java.en.Then
; import
io.cucumber.java.en.Whe
n; public class LoginUser
{ @Given("user is on
login page") public void
user_is_on_login_page()
{
System.out.println("Inside Steps - user is on login page");

}

@When("user enters username and password")

public void user_enters_username_and_password() {
System.out.println("Inside Steps - user enters username and
password");
}

@And("clicks on login button")

public void clicks_on_login_button() {
System.out.println("Inside Steps - clicks on login
button");
}

@Then("user is navigated to the home page")

public void user_is_navigated_to_the_home_page() {
System.out.println("Inside Steps - user is navigated to the home
page");
}}
```

Features of Cucumber:

Feature: features to Amazon functionality

Scenario: Check Amazon with selenium

credentialsGiven user is on visit page

When user enters correct

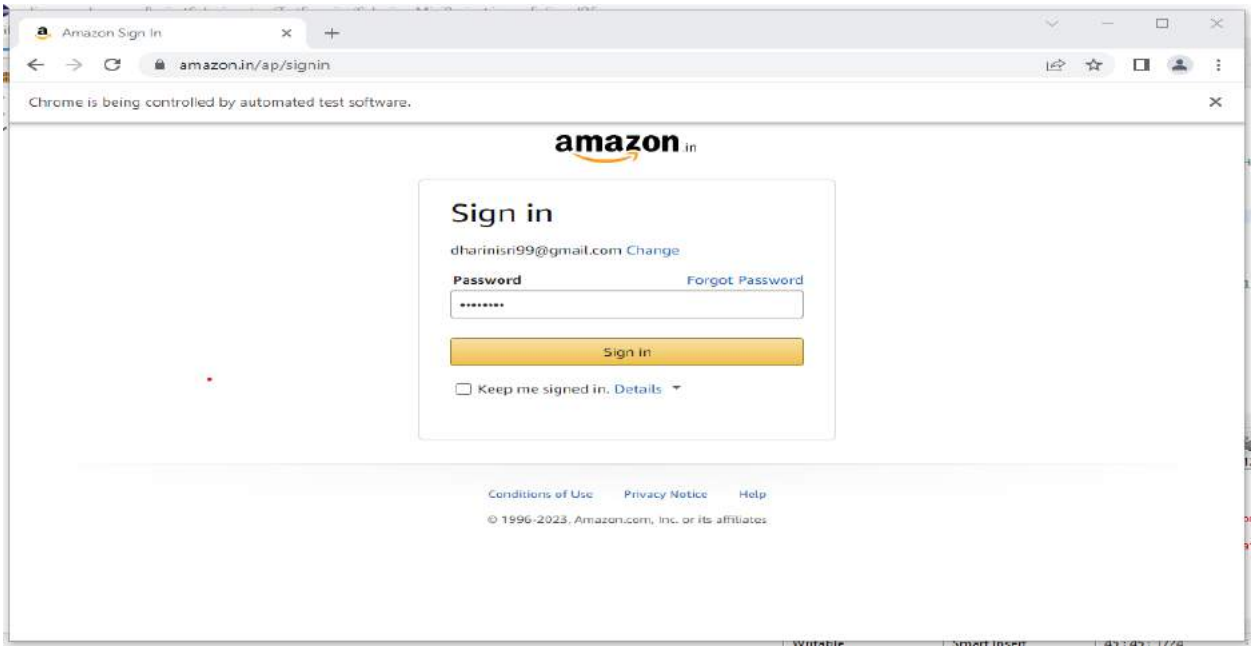
valuesAnd clicks on

button

Then user is directed to the homepage

Screenshots of Cucumber:

Login Page:



6.CONCLUSION

The project entitled **Grocery Website** was completed successfully. 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 items from a shop This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using html CSS, and JavaScript. The project helped us understanding about the development phases of a project and software development life cycle. We learned how to test different features of a project

This project has given us great satisfaction in having designed an application which can be implemented to any nearby shops or branded shops selling various kinds of products by simple modifications. There is a scope for further development in our project to a great extend. A number of features can be added to this system in future like providing.