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Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

PROJECT REPORT

Winter Semester 2021 – 22

CSE 3002 – Internet and Web Programming

Slot: B2

Course Instructor: Prof. Archana T

TITLE: Pharma Man

PROJECT REPORT BY:

Vashishth Gajjar (19BCE2286)

Akash H (19BCE2283)

Nadimpalli L NARASIMHA RAJU (19BCE2247)

Pritisha Sanjay Nakhwa (19BCE0546)

Shreeyam Sharma (19BCE2700)

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ABSTRACT

The design and construction of an E-Commerce Website for Medicines is demonstrated in this project. The primary goal of this project is to increase pharmaceutical store accuracy while also increasing safety and efficiency. This E-Commerce Site will make it simple for people to buy and trade pharmaceuticals. The pharmacy management system will be utilised to save time and money by storing drug details in a systemic manner so that the data can be accessed quickly. While personnel, money, paperwork, and other resources are reduced, the system is user-friendly and will assist the pharmacist. By maintaining and updating the Medicines, this system relieves pharmacists of their duty and makes the system more efficient.

This technology is intended to bridge the gap between customers and pharmacists by making it simple to search for and purchase medications. Many people are infected with COVID-19 and are unable to obtain treatment in their own country. This is an excellent option for folks who are hesitant to leave their homes to get medications. The E-Commerce Website is a complete workflow management system for dispensing that is meant to improve accuracy, safety, and efficiency. Many people still go to their neighbourhood pharmacy to get their prescriptions filled. Our goal is to assist such individuals by providing a secure and user-friendly interface.

ACKNOWLEDGEMENT

We would like to showcase our collective appreciation and gratitude towards everyone who has contributed to the successful and complete accomplishment of our project “Pharma Man”. The completion of this project would not have been possible without this undeniable large support. We would like to show a vote of thanks to our faculty, Dr. Archana T, for her continuous guidance, support, and mentorship which was central to the completion of this project within time. The lessons in this course have been instrumental in teaching us the significance of parallelization and its application in distributed systems for the completion of large-scale operations. We also would like to thank our Dean, for providing us with the resources needed and the ideal environment for the completion of the project. Finally, we would like to show our immense gratitude to VIT University, for providing us a platform where we could learn practical concepts and develop practical and real-world projects.

Place: Vellore

Members:

Vashishth

Akash

Narsimha

Pritisha

Shreeyam

Date: 29th April 2022

INTRODUCTION

Many people still go out to their local chemist shop for purchasing medicines. Our target is to help those people by providing an interface that is safe and easily navigable. The People can easily register for an account or log in after which they can search for any medicine that is prescribed and easily view the photos. After which they can add the amount of meds to the cart and place their order. This 5 minutes process will save a lot of time for the buyers and gives them easy access to all products available. For the Admin, he/she can easily buy/sell their medicines on PharmaMan. They can add new medicines and edit the existing details as well. Admin can also view the pending orders for delivery and easily provide the medicines. Therefore to solve this kind of problem the urgent need is to develop a Pharmacy management system that will prove beneficial for the Pharmacy. By using this software we can purchase, sell the medicines very well, we can do cost saving and maintain inventory control. This system can help pharmacy, to handle the incomings and outgoings more smoothly and in a better way.

MODULES

- **Homepage**
- **About**
- **Account**
- **Cart**
- **Product**
- **Product-details**

SOFTWARE/TOOLS/TECHNOLOGY USED

Software used

1. A Text Editor- VScode/Atom
2. MongoDB (locally run/cloud service)
3. Node.js

Technologies Used

Frontend:

- a. HTML:** Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.
- b. CSS:** Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.
- c. JAVA SCRIPT:** JavaScript (js) is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document.

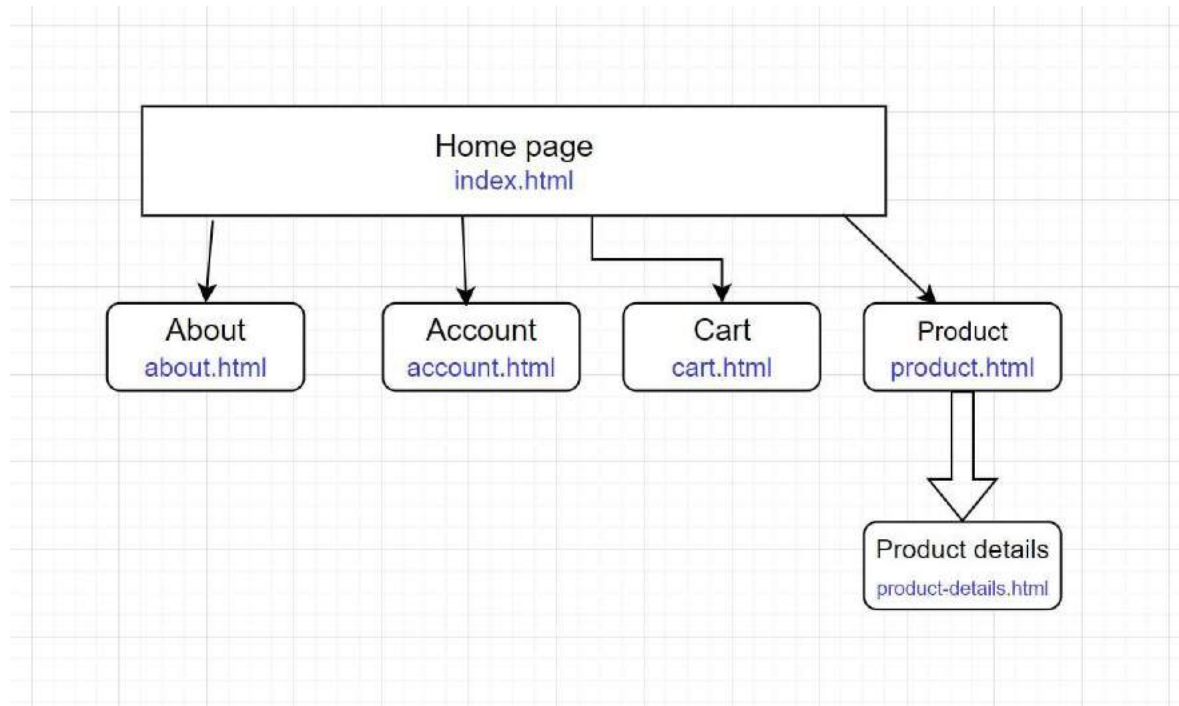
Backend:

- a. Node.js:** Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the Chrome V8 engine and executes JavaScript code outside a web browser. Node.js lets developers use JavaScript to write command line tools and for server-side scripting.
- b. Express.js:** Express.js, or simply Express, is a back-end web application framework for Node.js, released as free and open-source software under the MIT License. It is designed for building web applications and APIs. It has been called the de facto standard server framework for Node.js.

Database:

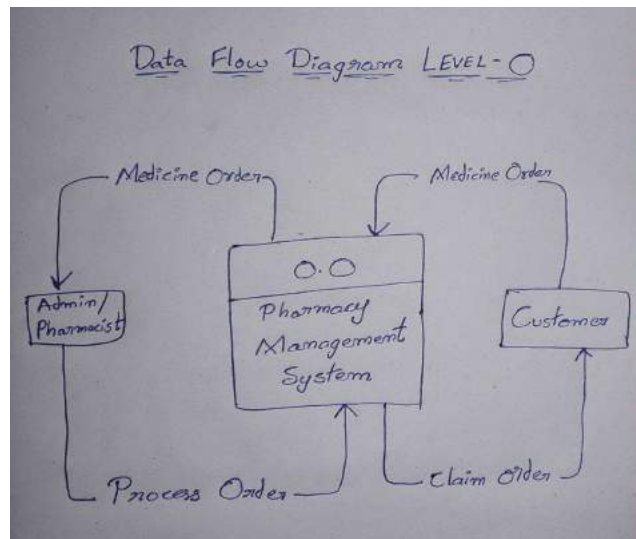
- a. MongoDB:** MongoDB is a general purpose, document-based, distributed database built for modern application developers and for the cloud era.

PAGE LINK DIAGRAM

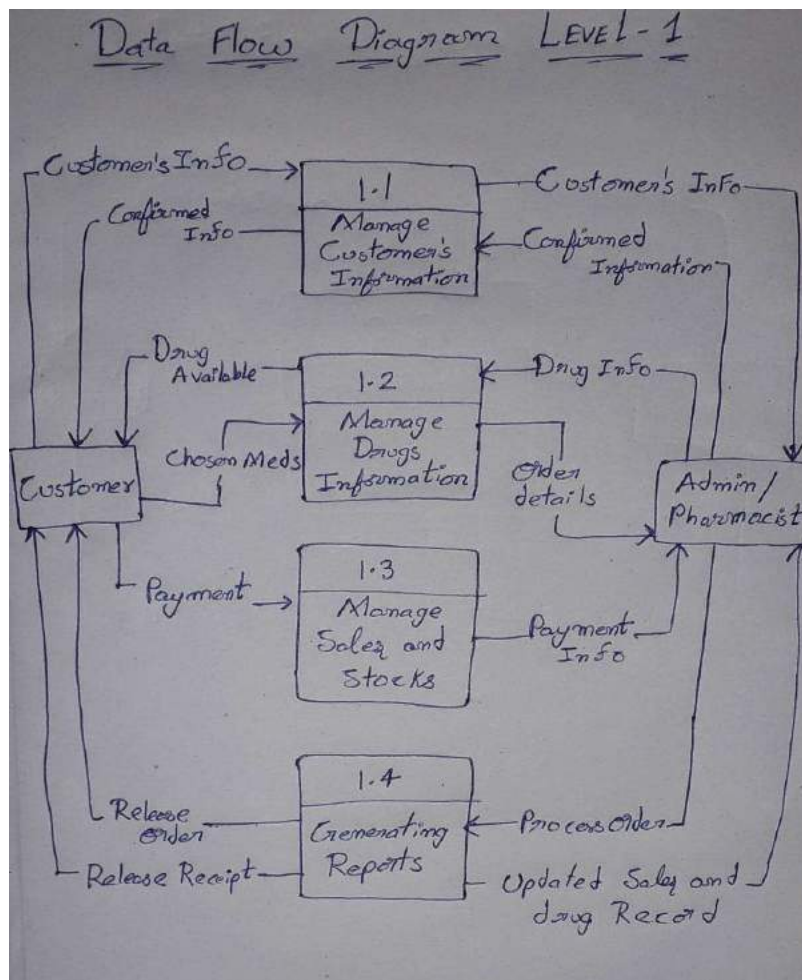


DATA FLOW DIAGRAM

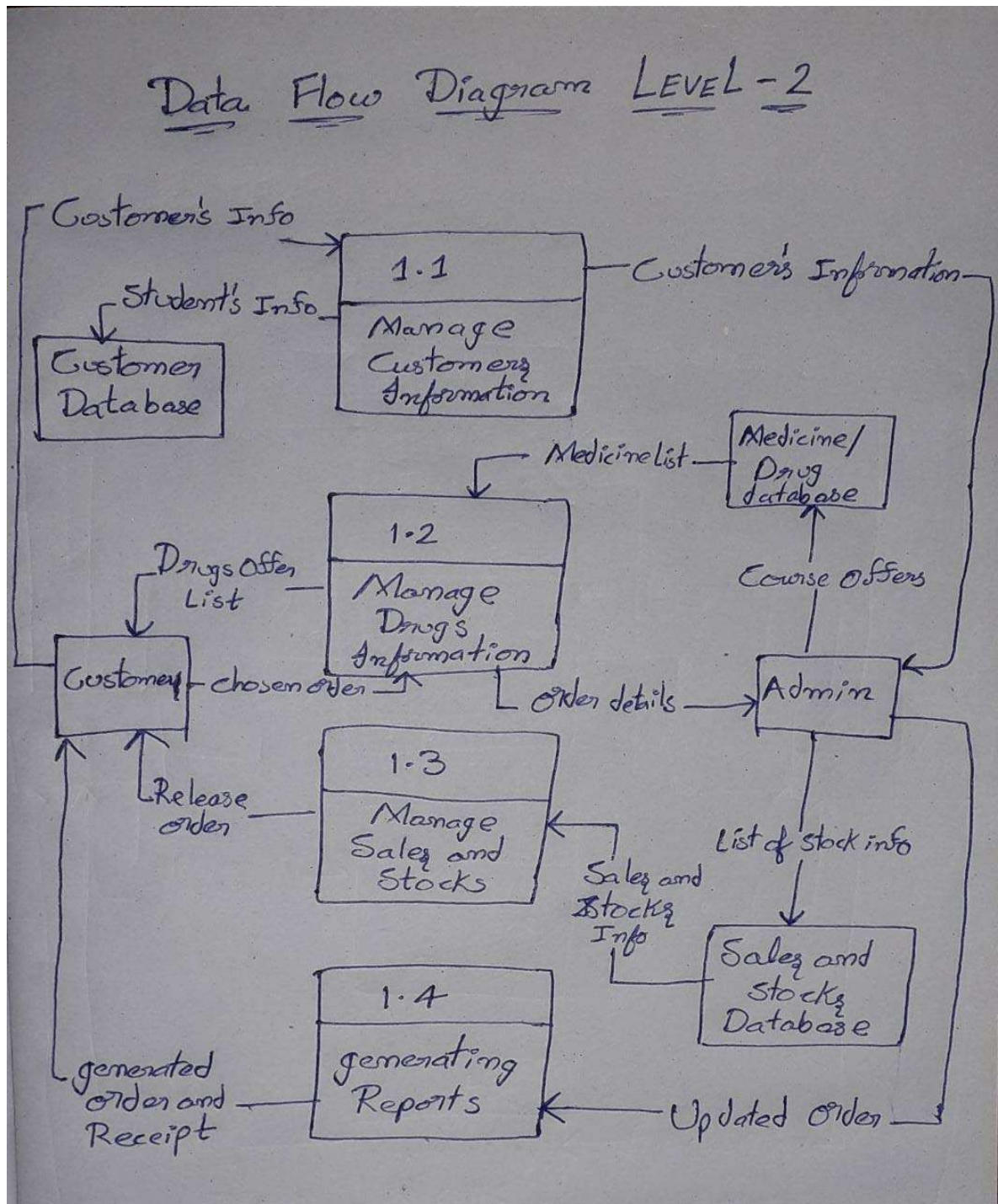
Data flow diagram level-0=



Data flow diagram level-1=

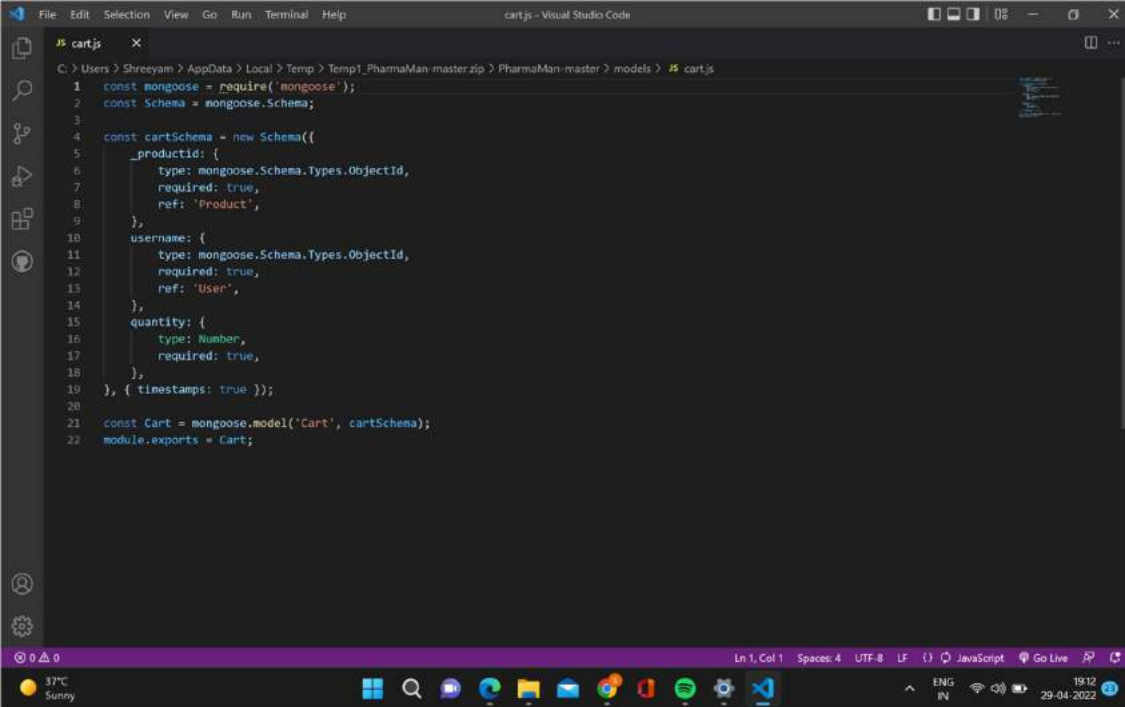


Data flow diagram level-2=



SCREENSHOTS OF CODE

1.cart.js



```
1 const mongoose = require('mongoose');
2 const Schema = mongoose.Schema;
3
4 const cartSchema = new Schema({
5   productid: {
6     type: mongoose.Schema.Types.ObjectId,
7     required: true,
8     ref: 'Product',
9   },
10  username: {
11    type: mongoose.Schema.Types.ObjectId,
12    required: true,
13    ref: 'User',
14  },
15  quantity: {
16    type: Number,
17    required: true,
18  },
19 }, { timestamps: true });
20
21 const Cart = mongoose.model('Cart', cartSchema);
22 module.exports = Cart;
```

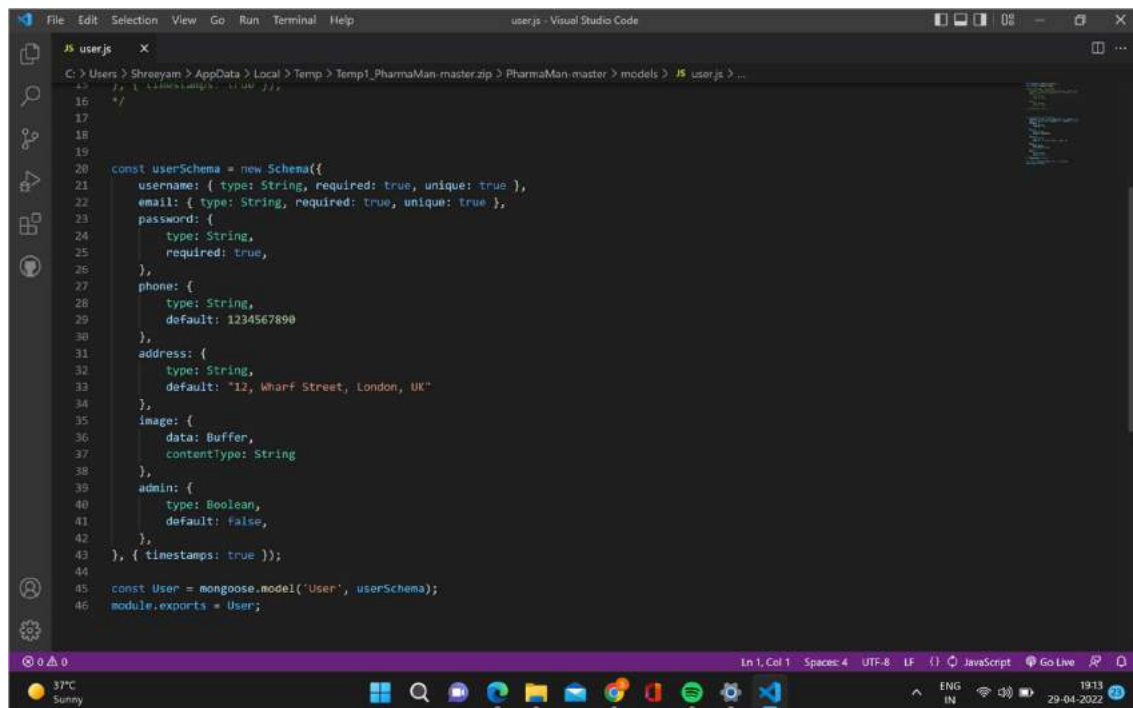
2.invoice.js

```
1 const mongoose = require('mongoose');
2 const Schema = mongoose.Schema;
3
4 const invoiceSchema = new Schema({
5   {
6     _productid: {
7       type: mongoose.Schema.Types.ObjectId,
8       required: true,
9       ref: 'Product',
10     },
11     username: {
12       type: mongoose.Schema.Types.ObjectId,
13       required: true,
14       ref: 'User',
15     },
16     quantity: {
17       type: Number,
18       required: true,
19     },
20     date: {
21       type: Date,
22       default: Date.now(),
23     },
24     status: {
25       type: Boolean,
26       default: false,
27     },
28     rating: {
29       type: Number,
30     },
31   },
32   { timestamps: true }
33 });
```

3.Product.js

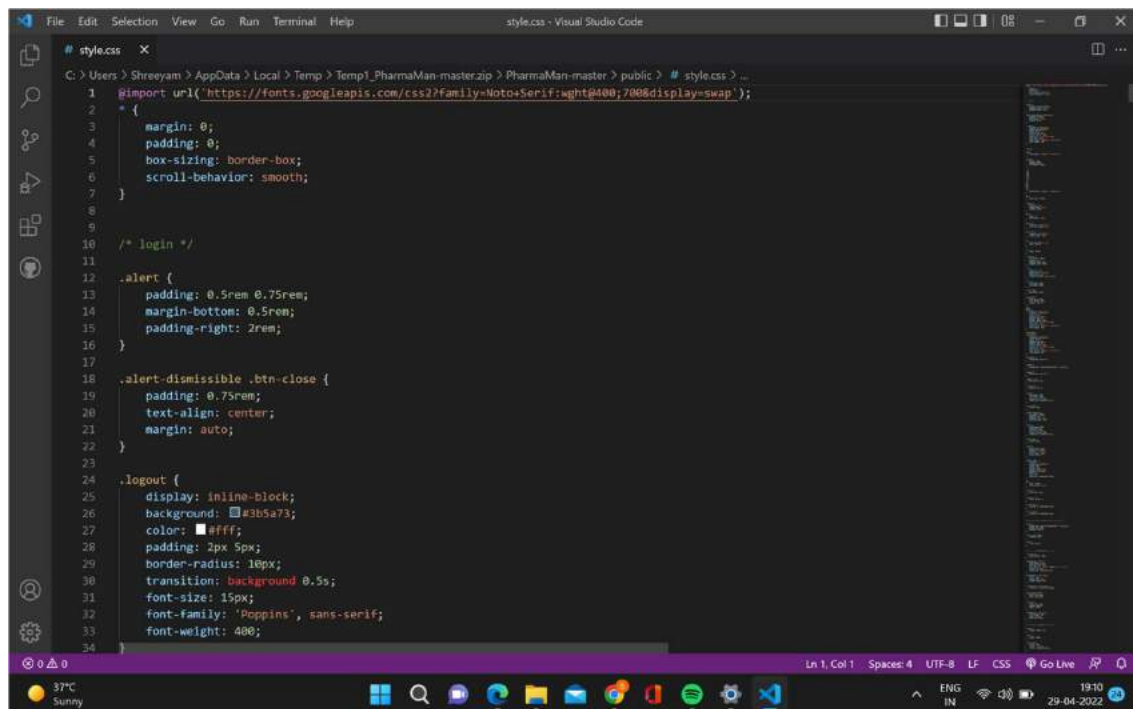
```
1 const mongoose = require('mongoose');
2 const Schema = mongoose.Schema;
3
4 const productSchema = new Schema({
5   name: {
6     type: String,
7   },
8   price: {
9     type: Number,
10   },
11   rating: {
12     type: Number,
13     default: 3,
14   },
15   desc: {
16     type: String,
17   },
18   type: {
19     type: String,
20   },
21   src: {
22     data: Buffer,
23     contentType: String,
24   },
25 }, { timestamps: true });
26
27 const Product = mongoose.model('Product', productSchema);
28 module.exports = Product;
```

4. User.js



```
15 // ...
16 // ...
17 // ...
18 // ...
19 // ...
20 const userSchema = new Schema({
21   username: { type: String, required: true, unique: true },
22   email: { type: String, required: true, unique: true },
23   password: {
24     type: String,
25     required: true,
26   },
27   phone: {
28     type: String,
29     default: 1234567890
30   },
31   address: {
32     type: String,
33     default: "12, Wharf Street, London, UK"
34   },
35   image: {
36     data: Buffer,
37     contentType: String
38   },
39   admin: {
40     type: Boolean,
41     default: false,
42   },
43 }, { timestamps: true });
44
45 const User = mongoose.model('User', userSchema);
46 module.exports = User;
```

5. Style.css



```
1 @import url('https://fonts.googleapis.com/css2?family=Noto+Serif:wght@400;700&display=swap');
2 * {
3   margin: 0;
4   padding: 0;
5   box-sizing: border-box;
6   scroll-behavior: smooth;
7 }
8
9
10 /* login */
11
12 .alert {
13   padding: 0.5rem 0.75rem;
14   margin-bottom: 0.5rem;
15   padding-right: 2rem;
16 }
17
18 .alert-dismissible .btn-close {
19   padding: 0.75rem;
20   text-align: center;
21   margin: auto;
22 }
23
24 .logout {
25   display: inline-block;
26   background: #3b5a73;
27   color: #fff;
28   padding: 2px 5px;
29   border-radius: 10px;
30   transition: background 0.5s;
31   font-size: 15px;
32   font-family: 'Poppins', sans-serif;
33   font-weight: 400;
34 }
```

```
1 h4 {
2   font-family: 'Poppins', sans-serif;
3 }
4
5 h5 {
6   font-family: 'Poppins', sans-serif;
7 }
8
9 h6 {
10  font-family: 'Poppins', sans-serif;
11 }
12
13 h3 {
14  font-size: 1.17em;
15 }
16
17 .navbar {
18  display: flex;
19  align-items: center;
20  padding: 20px;
21 }
22
23 nav {
24  flex: 1;
25  text-align: right;
26 }
27
28 nav ul {
29  display: inline-block;
30  list-style-type: none;
31 }
32
33 nav ul li {
34  display: inline-block;
35  margin-right: 20px;
36 }
37
38 a {
39  text-decoration: none;
40  color: #555;
41 }
```

6. about.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>PharmaMan</title>
9   <link rel="stylesheet" type="text/css" href="style.css">
10  <link rel="preconnect" href="https://fonts.gstatic.com">
11  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
12  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
13 </head>
14
15 <body>
16   <div class="header-2">
17     <div class="container">
18       <div class="navbar">
19         <div class="logo">
20           
21         </div>
22         <nav>
23           <ul id="MenuItems">
24             <li><a href="index.html">Home</a></li>
25             <li><a href="product.html">Products</a></li>
26             <li><a href="about.html">About</a></li>
27             <li><a href="#footer">Contact</a></li>
28             <li><a href="account.html">Account</a></li>
29           </ul>
30         </nav>
31         <a href="cart.html"> </a>
32         
33       </div>
34     </div>
35   </div>
```


7. cart.html

```
File Edit Selection View Go Run Terminal Help
cart.html - Visual Studio Code

C:\Users\Shreyam\Desktop> cd cart.html

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>PharmaMan</title>
9   <link rel="stylesheet" type="text/css" href="./style.css">
10  <link rel="preconnect" href="https://fonts.gstatic.com">
11  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
12  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
13 </head>
14
15 <body>
16
17   <div class="container">
18     <div class="navbar">
19       <div class="logo">
20         
21       </div>
22       <nav>
23         <ul id="MenuItems">
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25           <li><a href="product.html">Products</a></li>
26           <li><a href="about.html">About</a></li>
27           <li><a href="#footer">Contact</a></li>
28           <li><a href="account.html">Account</a></li>
29         </ul>
30       </nav>
31       <a href="cart.html"> </a>
32       
33     </div>
34   </div>
```

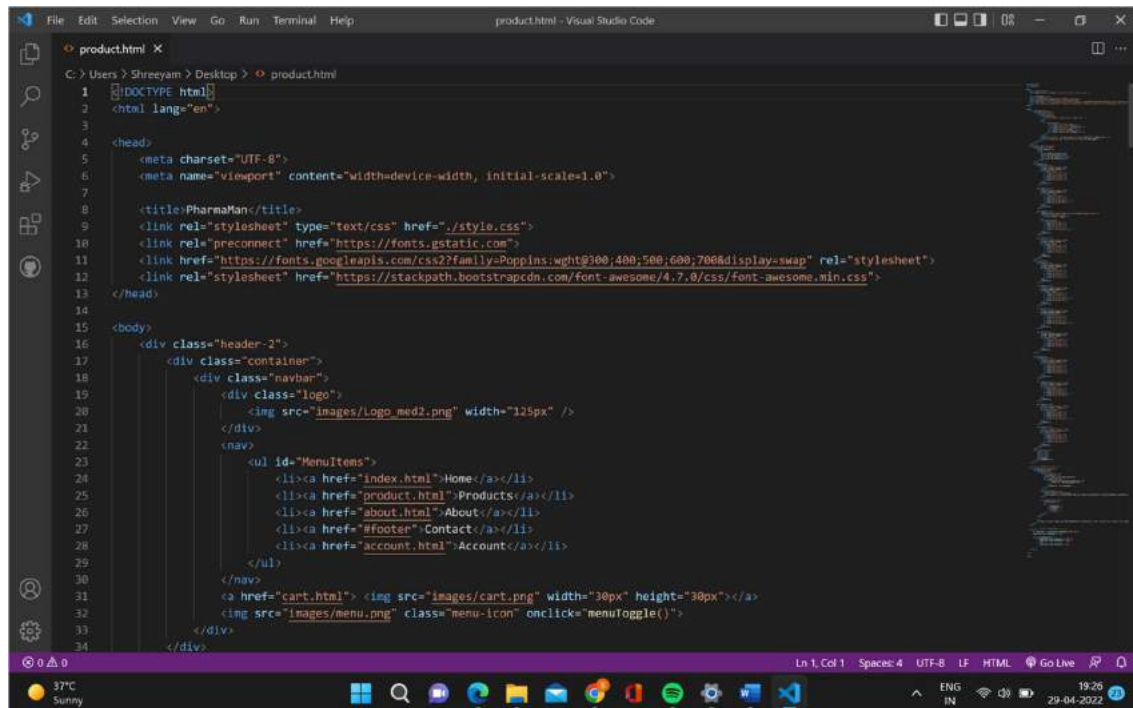
8.index.html

```
File Edit Selection View Go Run Terminal Help
index.html - Visual Studio Code

C:\Users\Shreyam\Desktop> cd index.html

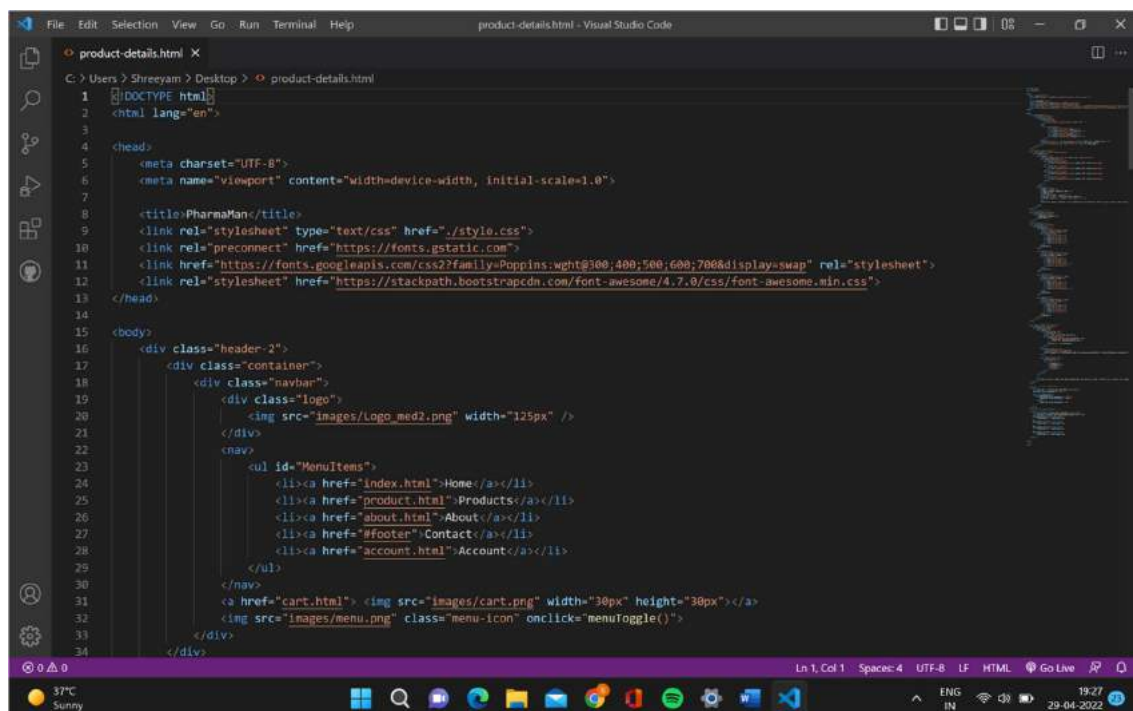
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>PharmaMan</title>
9   <link rel="stylesheet" type="text/css" href="./style.css">
10  <link rel="preconnect" href="https://fonts.gstatic.com">
11  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
12  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
13 </head>
14
15 <body>
16   <div class="header">
17     <div class="container">
18       <div class="navbar">
19         <div class="logo">
20           <a href="index.html"></a>
21         </div>
22         <nav>
23           <ul id="MenuItems">
24             <li><a href="index.html">Home</a></li>
25             <li><a href="product.html">Products</a></li>
26             <li><a href="about.html">About</a></li>
27             <li><a href="#footer">Contact</a></li>
28             <li><a href="account.html">Account</a></li>
29           </ul>
30         </nav>
31         <a href="cart.html"> </a>
32         
33       </div>
34     </div>
```

9.product.html



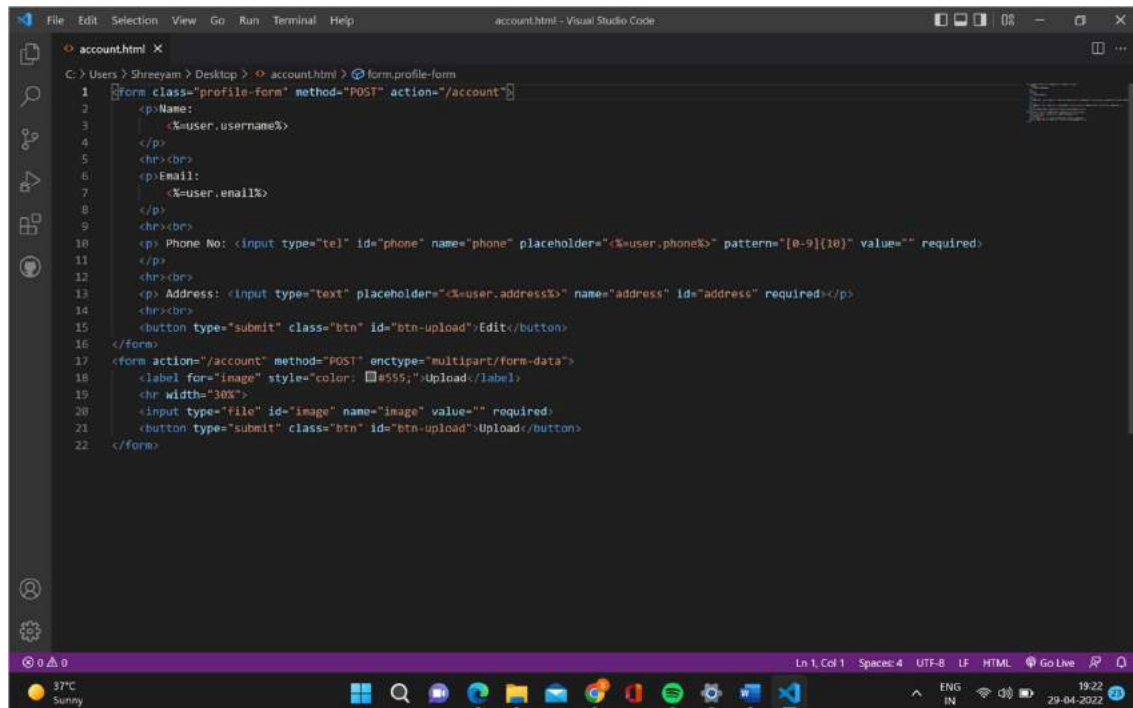
```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>PharmaMan</title>
9   <link rel="stylesheet" type="text/css" href="./style.css">
10  <link rel="preconnect" href="https://fonts.gstatic.com">
11  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
12  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
13 </head>
14
15 <body>
16   <div class="header-2">
17     <div class="container">
18       <div class="navbar">
19         <div class="logo">
20           
21         </div>
22         <nav>
23           <ul id="MenuItems">
24             <li><a href="index.html">Home</a></li>
25             <li><a href="product.html">Products</a></li>
26             <li><a href="about.html">About</a></li>
27             <li><a href="#footer">Contact</a></li>
28             <li><a href="account.html">Account</a></li>
29           </ul>
30         </nav>
31         <a href="cart.html"> </a>
32         
33       </div>
34     </div>
35   </div>
```

10.product_details.html



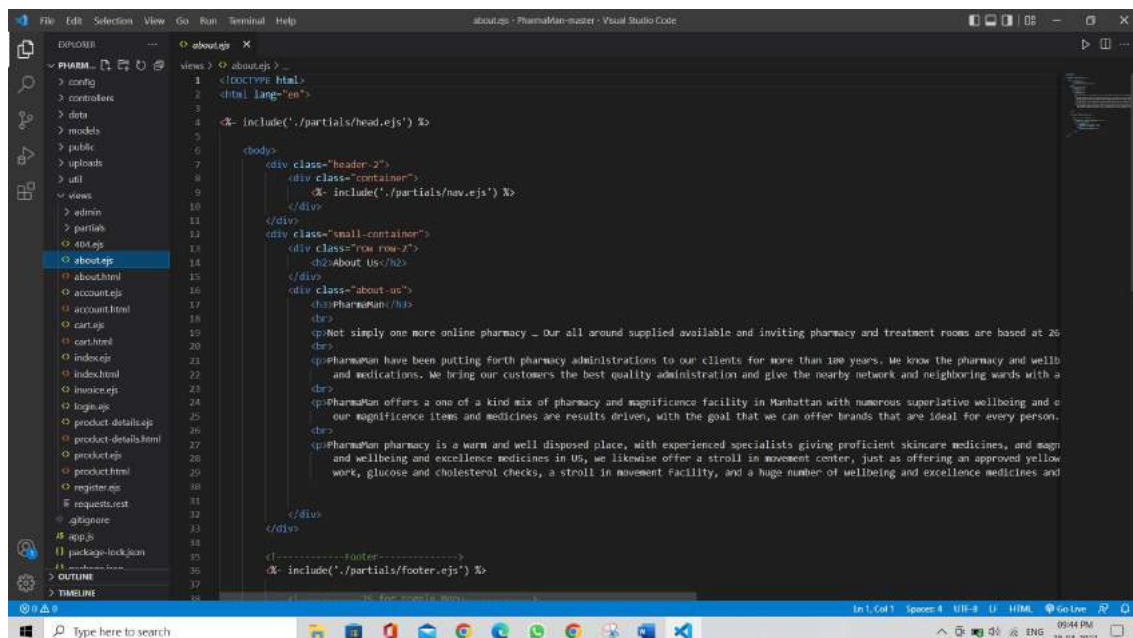
```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>PharmaMan</title>
9   <link rel="stylesheet" type="text/css" href="./style.css">
10  <link rel="preconnect" href="https://fonts.gstatic.com">
11  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap" rel="stylesheet">
12  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
13 </head>
14
15 <body>
16   <div class="header-2">
17     <div class="container">
18       <div class="navbar">
19         <div class="logo">
20           
21         </div>
22         <nav>
23           <ul id="MenuItems">
24             <li><a href="index.html">Home</a></li>
25             <li><a href="product.html">Products</a></li>
26             <li><a href="about.html">About</a></li>
27             <li><a href="#footer">Contact</a></li>
28             <li><a href="account.html">Account</a></li>
29           </ul>
30         </nav>
31         <a href="cart.html"> </a>
32         
33       </div>
34     </div>
35   </div>
```

11. account.html



```
1 <form class="profile-form" method="POST" action="/account">
2   <p>Name:
3     <%=user.username%>
4   </p>
5   <br>
6   <p>Email:
7     <%=user.email%>
8   </p>
9   <br>
10  <p>Phone No: <input type="tel" id="phone" name="phone" placeholder="<%=user.phone%>" pattern="[0-9]{10}" value="" required>
11  </p>
12  <br>
13  <p>Address: <input type="text" placeholder="<%=user.address%>" name="address" id="address" required></p>
14  <br>
15  <button type="submit" class="btn" id="btn-upload">Edit</button>
16 </form>
17 <form action="/account" method="POST" enctype="multipart/form-data">
18   <label for="image" style="color: #a555;>Upload</label>
19   <br width="30%>
20   <input type="file" id="image" name="image" value="" required>
21   <button type="submit" class="btn" id="btn-upload">Upload</button>
22 </form>
```

12. about.ejs



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4   <%- include('./partials/head.ejs') %>
5
6   <body>
7     <div class="header-2">
8       <div class="container">
9         <%- include('./partials/nav.ejs') %>
10      </div>
11    </div>
12    <div class="small-container">
13      <div class="row row-2">
14        <div class="col-2">
15          <h2>About Us</h2>
16        </div>
17        <div class="col-2">
18          <h3>PharmMan</h3>
19          <p>Not simply one more online pharmacy - Our all around supplied available and inviting pharmacy and treatment rooms are based at 26</p>
20          <p>PharmMan have been putting forth pharmacy administrations to our clients for more than 100 years. We know the pharmacy and wellb</p>
21          <p>and medications. We bring our customers the best quality administration and give the nearby network and neighboring wards with a</p>
22          <p>PharmMan offers a one of a kind mix of pharmacy and magnificence facility in Manhattan with numerous superlative wellbeing and o</p>
23          <p>our magnificence items and medicines are results driven, with the goal that we can offer brands that are ideal for every person.</p>
24          <p>PharmMan pharmacy is a warm and well disposed place, with experienced specialists giving proficient skincare medicines, and magn</p>
25          <p>and wellbeing and excellence medicines in us, we likewise offer a stroll in movement center, just as offering an approved yellow</p>
26          <p>work, glucose and cholesterol checks, a stroll in movement facility, and a huge number of wellbeing and excellence medicines and</p>
27        </div>
28      </div>
29    </div>
30    <div class="footer">
31      <div class="container">
32        <div class="row">
33          <div class="col-2">
34            <h3>PharmMan</h3>
35            <p>PharmMan is a warm and well disposed place, with experienced specialists giving proficient skincare medicines, and magn</p>
36            <p>and wellbeing and excellence medicines in us, we likewise offer a stroll in movement center, just as offering an approved yellow</p>
37            <p>work, glucose and cholesterol checks, a stroll in movement facility, and a huge number of wellbeing and excellence medicines and</p>
38          </div>
39          <div class="col-2">
40            <h3>PharmMan</h3>
41            <p>PharmMan is a warm and well disposed place, with experienced specialists giving proficient skincare medicines, and magn</p>
42            <p>and wellbeing and excellence medicines in us, we likewise offer a stroll in movement center, just as offering an approved yellow</p>
43            <p>work, glucose and cholesterol checks, a stroll in movement facility, and a huge number of wellbeing and excellence medicines and</p>
44          </div>
45        </div>
46      </div>
47    </div>
48  </body>
49 </html>
```

13. account.ejs


```
<!-- blank -->
<div class="blank">
  <p>Go to <a href="/products">products</a> page to add stuff to Cart </p>
  <a href="/products" class="btn">Go to Products Page</a>
</div>
</div>
<!-- footer -->
<include ../partials/footer.ejs %>
</include>
<!-- JS for toggle menu -->
<script>
  function check(event) {
    var id = event.target.value;
    console.log(id)
    console.log('remove')
    const del = document.querySelector('a.delete');
    console.log('remove')
    window.location.href = '/cart/delete?id=' + id;
  }

  var menuItems = document.getElementById("menuItems");
  menuItems.style.maxHeight = "0px";

  function menuToggle() {
    if (menuItems.style.maxHeight == "0px") {
      menuItems.style.maxHeight = "200px";
    } else {
      menuItems.style.maxHeight = "0px";
    }
  }

  function update(id) {
    var ID = "form" + id;
    document.getElementById(ID).submit();
  }
</script>
```

```
function menuToggle() {
  if (menuItems.style.maxHeight == "0px") {
    menuItems.style.maxHeight = "200px";
  } else {
    menuItems.style.maxHeight = "0px";
  }
}

function update(id) {
  var ID = "form" + id;
  document.getElementById(ID).submit();
}

$(document).on('click', '#go', function(event) {
  console.log('f')
  window.location.href = '/place'
});
$(document).on('click', '#close', function() {
  $('#myModal').modal('hide');
});
$(document).on('click', '#btn-close', function() {
  $('#myModal').modal('hide');
});
</script>
</body>
html>
```

15.invoice.ejs

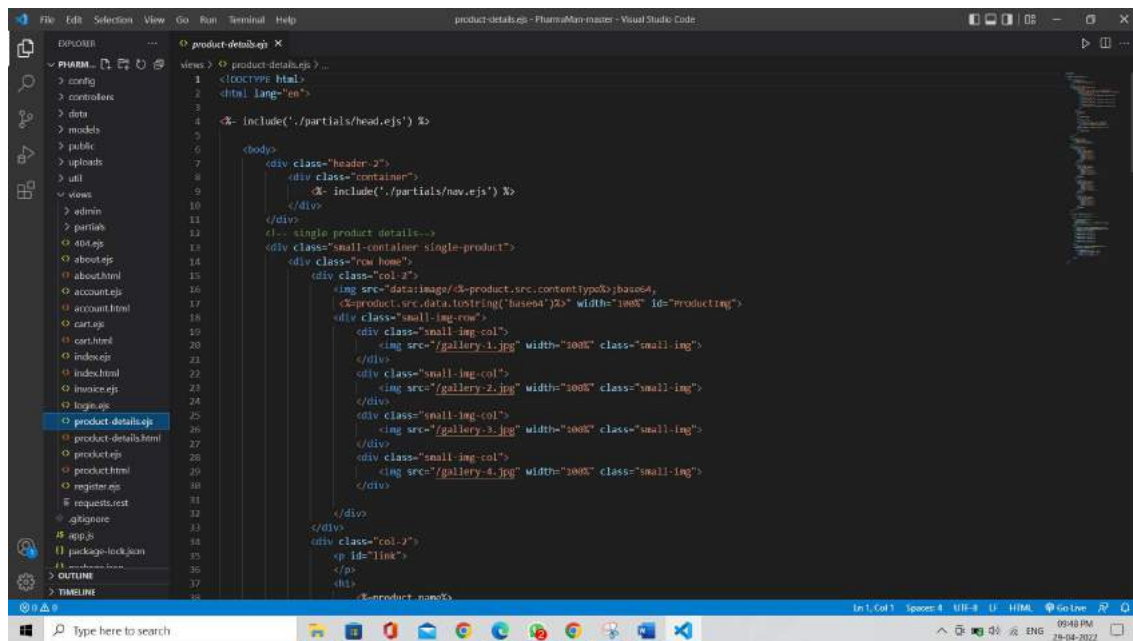
The screenshot shows the Visual Studio Code editor with a file explorer on the left. The file explorer shows a project named 'PharmAdmin-master' with a 'views' folder containing 'login.ejs'. The 'login.ejs' file is open in the editor, showing the following code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>
9     Login
10  </title>
11  <meta charset="UTF-8" />
12  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
13  <meta http-equiv="X-UA-Compatible" content="ie=edge" />
14  <link rel="preconnect" href="https://fonts.gstatic.com">
15  <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;500;600;700&display=block" rel="stylesheet">
16  <link rel="stylesheet" href="https://bootswatch.com/5/journal/bootstrap.min.css">
17  <link rel="stylesheet" href=".../style.css">
18 </head>
19
20 <body>
21   <!-- account page -->
22   <div class="account-page">
23     <div class="container">
24       <div class="row">
25         <div class="col-2">
26           
27         </div>
28         <div class="col-2">
29           <div class="form-container">
30
31             <div class="form-btn">
32               <span id="login" onclick="login()">Login</span>
33               <div id="indicator">
34
35             </div>
36             <!-- Include('partials/messages.ejs') -->
37             <form id="loginform" action="/login" method="POST">
38               <input type="email" placeholder="Email" id="email" name="email" required>
39               <input type="password" placeholder="Password" id="password" name="password" required>
40               <button type="submit" class="btn">Login</button>
41             </form>
42             <!-- No Account? --> <a class="btn" href="/register">Register</a>
43           </div>
44         </div>
45       </div>
46     </div>
47   </div>
48   <!-- Include('partials/footer.ejs') -->
49 </body>
50 </html>
```

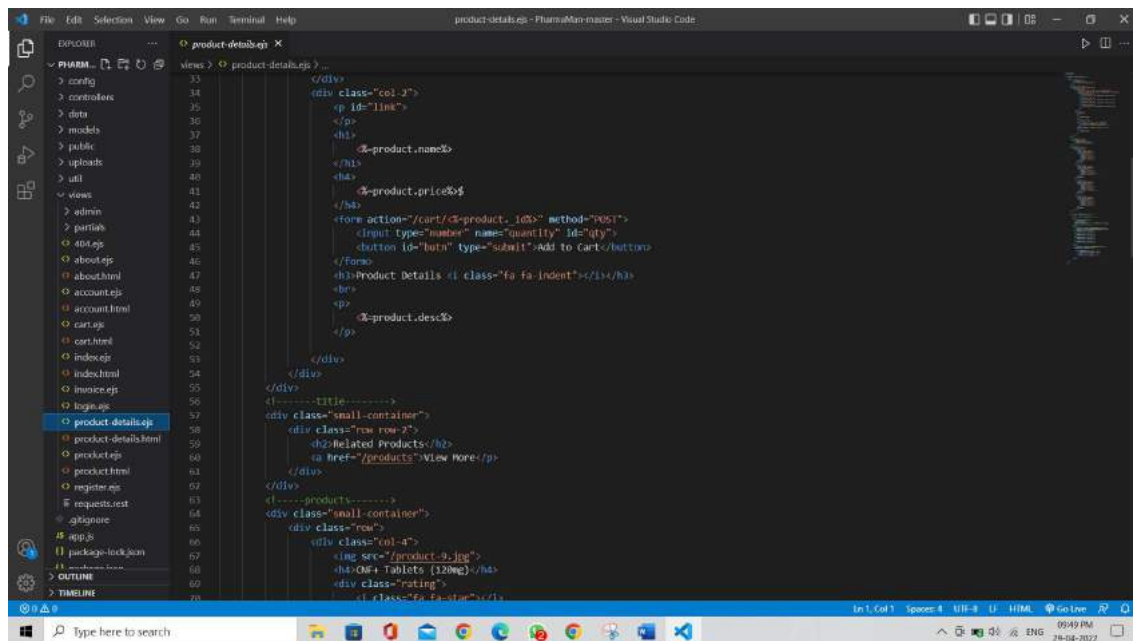
The screenshot shows the Visual Studio Code editor with a file explorer on the left. The file explorer shows a project named 'PharmAdmin-master' with a 'views' folder containing 'product-details.ejs'. The 'product-details.ejs' file is open in the editor, showing the following code:

```
1 <!-- product details -->
2 <div class="product-details">
3   <div class="container">
4     <div class="row">
5       <div class="col-2">
6         
7       </div>
8       <div class="col-2">
9         <div class="form-container">
10
11           <div class="form-btn">
12             <span id="login" onclick="login()">Login</span>
13             <div id="indicator">
14
15           </div>
16           <!-- Include('partials/messages.ejs') -->
17           <form id="loginform" action="/login" method="POST">
18             <input type="email" placeholder="Email" id="email" name="email" required>
19             <input type="password" placeholder="Password" id="password" name="password" required>
20             <button type="submit" class="btn">Login</button>
21           </form>
22           <!-- No Account? --> <a class="btn" href="/register">Register</a>
23         </div>
24       </div>
25     </div>
26   </div>
27   <!-- Include('partials/footer.ejs') -->
28 </body>
29 </html>
```

17.product-details.ejs



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <%- include('./partials/head.ejs') %>
5
6 <body>
7   <div class="header-2">
8     <div class="container">
9       <%- include('./partials/nav.ejs') %>
10    </div>
11  </div>
12  <!-- single product details-->
13  <div class="small-container single-product">
14    <div class="row home">
15      <div class="col-2">
16        
17      </div>
18      <div class="small-img-row">
19        <div class="small-img-col">
20          
21        </div>
22        <div class="small-img-col">
23          
24        </div>
25        <div class="small-img-col">
26          
27        </div>
28        <div class="small-img-col">
29          
30        </div>
31      </div>
32    </div>
33  </div>
34  <div class="col-2">
35    <p id="link">
36    </p>
37    <div>
38      <%=product.name%>
39    </div>
40    <div>
41      <%=product.price%>
42    </div>
43    <form action="/cart/<%=product.id%>" method="POST">
44      <input type="number" name="quantity" id="qty">
45      <button id="btn" type="submit">Add to Cart</button>
46    </form>
47    <div>Product Details <i class="fa fa-indent"></i></div>
48    <div>
49      <%=product.desc%>
50    </div>
51  </div>
52</div>
53<!-- Title ----->
54<div class="small-container">
55  <div class="row row-2">
56    <div>Related Products</div>
57    <a href="/products">View More</a>
58  </div>
59</div>
60<!-- product ----->
61<div class="small-container">
62  <div class="row">
63    <div class="col-4">
64      
65      <div>Off+ Tablets (120mg)</div>
66      <div class="rating">
67        <i class="fa fa-star"></i>
68      </div>
69    </div>
70  </div>
71</div>
```



```
33 </div>
34 <div class="col-2">
35   <p id="link">
36   </p>
37   <div>
38     <%=product.name%>
39   </div>
40   <div>
41     <%=product.price%>
42   </div>
43   <form action="/cart/<%=product.id%>" method="POST">
44     <input type="number" name="quantity" id="qty">
45     <button id="btn" type="submit">Add to Cart</button>
46   </form>
47   <div>Product Details <i class="fa fa-indent"></i></div>
48   <div>
49     <%=product.desc%>
50   </div>
51 </div>
52</div>
53<!-- Title ----->
54<div class="small-container">
55  <div class="row row-2">
56    <div>Related Products</div>
57    <a href="/products">View More</a>
58  </div>
59</div>
60<!-- product ----->
61<div class="small-container">
62  <div class="row">
63    <div class="col-4">
64      
65      <div>Off+ Tablets (120mg)</div>
66      <div class="rating">
67        <i class="fa fa-star"></i>
68      </div>
69    </div>
70  </div>
71</div>
```

18.product.ejs


```

1 <doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <title>
9     Register
10  </title>
11  <meta charset="UTF-8" />
12  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
13  <meta http-equiv="X-UA-Compatible" content="ie=edge" />
14  <link rel="preconnect" href="https://fonts.gstatic.com">
15  <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@100;400;500;600;700&display=swap" rel="stylesheet">
16  <link rel="stylesheet" href="https://bootswatch.com/5/journal/bootstrap.min.css">
17  <link rel="stylesheet" href="style.css">
18
19 </head>
20
21 <body>
22   <!-- register page -->
23   <div class="account-page">
24     <div class="container">
25       <div class="row">
26         <div class="col-2">
27           
28         </div>
29         <div class="col-2">
30           <div class="form-container">
31
32             <div class="form-bn">
33               <span id="login">Register</span>
34               <hr id="indicator">
35             </div>
36
37             <!-- Include('partials/messages.ejs') %>
38             <!-- Include('partials/footer.ejs') %>
39           </div>
40         </div>
41       </div>
42     </div>
43   </div>
44 </body>
45 </html>

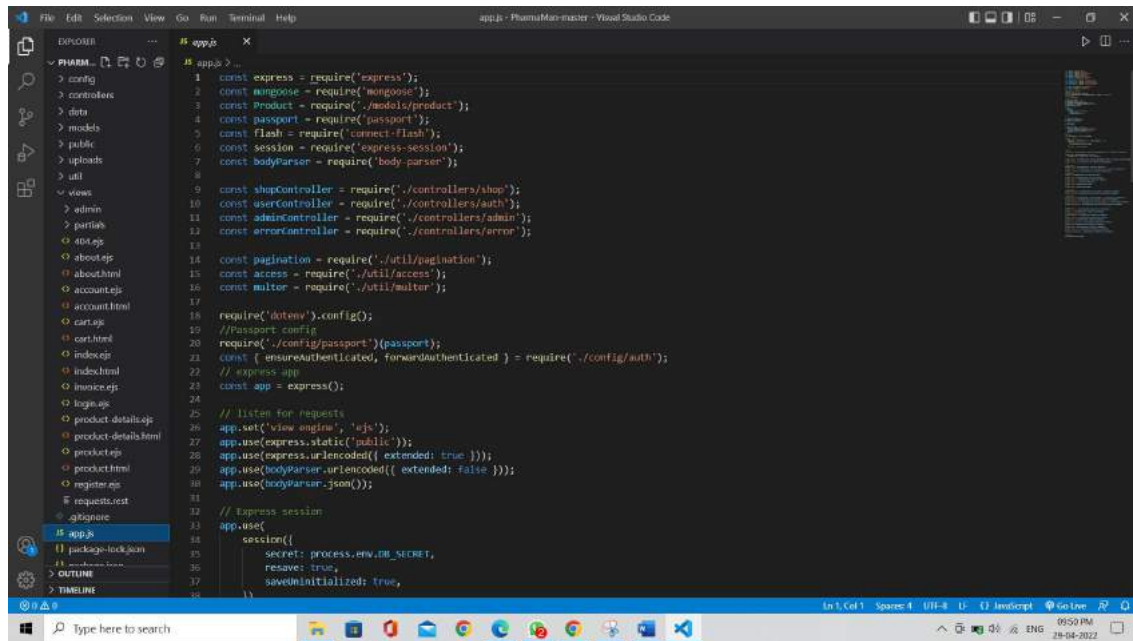
```

```

46
47 <div class="form-container">
48
49   <div class="form-bn">
50     <span id="login">Register</span>
51     <hr id="indicator">
52   </div>
53
54   <!-- Include('partials/messages.ejs') %>
55   <!-- Include('partials/footer.ejs') %>
56 </div>
57
58 </div>
59
60 <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+9654zq87zP8vKo8qJUGZX4wIKEKW2AD" crossorigin="anonymous"></script>
61 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wdf4ppw362ZPhvpYs87hNWOP0TD4PW7a8dVTs81LJBS709H5br7v7uHG0K53" crossorigin="anonymous"></script>
62 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-N8SYUwH8PP0BtYoZikGZHQtUSvWJ5WLtZUhGKYR138DIB/GYZ7FcFVqv8Lg8vdQ1xmKGtqN1BzUmC/4NoEtd4" crossorigin="anonymous"></script>
63
64 </body>
65 </html>

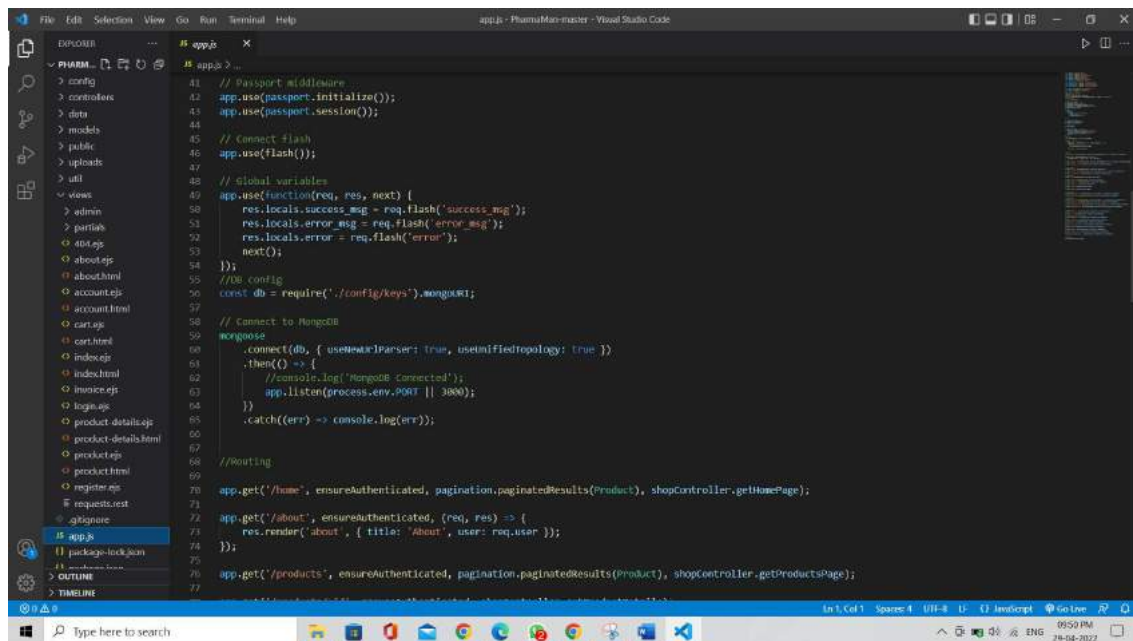
```

20.app.js



The screenshot shows the VS Code editor with the file explorer on the left displaying a project structure for 'PharmaMax-master'. The main editor window shows the 'app.js' file with the following code:

```
1 const express = require('express');
2 const mongoose = require('mongoose');
3 const Product = require('./models/product');
4 const passport = require('passport');
5 const flash = require('connect-flash');
6 const session = require('express-session');
7 const bodyParser = require('body-parser');
8
9 const shopController = require('./controllers/shop');
10 const userController = require('./controllers/auth');
11 const adminController = require('./controllers/admin');
12 const errorController = require('./controllers/error');
13
14 const pagination = require('./util/pagination');
15 const access = require('./util/access');
16 const multer = require('./util/multer');
17
18 require('dotenv').config();
19 // Passport config
20 require('./config/passport')(passport);
21 const { ensureAuthenticated, forwardAuthenticated } = require('./config/auth');
22 // Express app
23 const app = express();
24
25 // listen for requests
26 app.set('view engine', 'ejs');
27 app.use(express.static('public'));
28 app.use(express.urlencoded({ extended: true }));
29 app.use(bodyParser.urlencoded({ extended: false }));
30 app.use(bodyParser.json());
31
32 // Express session
33 app.use(
34   session({
35     secret: process.env.DB_SECRET,
36     resave: true,
37     saveUninitialized: true,
38   })
39 );
```



The screenshot shows the VS Code editor with the file explorer on the left displaying a project structure for 'PharmaMax-master'. The main editor window shows the 'app.js' file with the following code:


```
41 // Passport middleware
42 app.use(passport.initialize());
43 app.use(passport.session());
44
45 // Connect flash
46 app.use(flash());
47
48 // Global variables
49 app.use(function(req, res, next) {
50   res.locals.success_msg = req.flash('success_msg');
51   res.locals.error_msg = req.flash('error_msg');
52   res.locals.error = req.flash('error');
53   next();
54 });
55
56 // DB config
57 const db = require('./config/keys').mongooseURI;
58
59 // Connect to MongoDB
60 mongoose
61   .connect(db, { useNewUrlParser: true, useUnifiedTopology: true })
62   .then(() => {
63     // console.log('MongoDB Connected');
64     app.listen(process.env.PORT || 3000);
65   })
66   .catch((err) => console.log(err));
67
68 // Routing
69
70 app.get('/', ensureAuthenticated, pagination.paginatedResults(Product), shopController.getHomePage);
71
72 app.get('/about', ensureAuthenticated, (req, res) => {
73   res.render('about', { title: 'About', user: req.user });
74 });
75
76 app.get('/products', ensureAuthenticated, pagination.paginatedResults(Product), shopController.getProductsPage);
77
```

```
1  app.js
2  ...
3  app.get('/about', ensureAuthenticated, (req, res) => {
4    res.render('about', { title: 'About', user: req.user });
5  });
6
7  app.get('/products', ensureAuthenticated, pagination.paginatedResults(Product), shopController.getProductsPage);
8
9  app.get('/products/:id', ensureAuthenticated, shopController.getProductDetails);
10
11 //Account Routes
12 app.get('/account', ensureAuthenticated, userController.getAccount);
13
14 app.post('/account', ensureAuthenticated, multer.upload.single('image'), userController.postAccount);
15
16 app.post('/account-edit', ensureAuthenticated, userController.postAccountEdit);
17
18 //Login Routes
19 app.get('/', forwardAuthenticated, userController.getLogin);
20
21 app.get('/login', forwardAuthenticated, userController.getLogin);
22
23 app.get('/register', forwardAuthenticated, userController.getRegister);
24
25 app.post('/register', userController.postRegister);
26
27 app.post('/login', userController.postLogin);
28
29 app.get('/logout', userController.logout);
30
31 // Admin Pages
32 app.get('/admin/modify', ensureAuthenticated, access.accessFunc, adminController.getModify);
33
34 app.get('/admin/add', ensureAuthenticated, access.accessFunc, adminController.getAddPage);
35
36 //add medicine
37 app.post('/admin', ensureAuthenticated, multer.upload.single('src'), adminController.postAddMedicine);
38
39
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90
91
92
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96
97
98
99
100
```

```
110 app.get('/admin/:id', ensureAuthenticated, access.accessFunc, adminController.getEditMeds);
111
112 app.post('/admin/edit/:id', ensureAuthenticated, multer.upload.single('src'), adminController.postEditMeds);
113
114 app.get('/admin/delete/:id', ensureAuthenticated, access.accessFunc, adminController.deleteMeds);
115
116
117 //cart Routes
118 app.post('/cart/:id', ensureAuthenticated, shopController.postProductToCart);
119
120 app.get('/cart', ensureAuthenticated, shopController.getCartPage);
121
122 //to update quantity values in cart
123 app.post('/update/:id', ensureAuthenticated, shopController.updateCart);
124
125 app.get('/cart/delete', ensureAuthenticated, shopController.deleteCart);
126
127 app.get('/orders', ensureAuthenticated, shopController.getOrders);
128
129 app.post('/orders/review/:id', ensureAuthenticated, shopController.postReviews);
130
131 app.get('/place', ensureAuthenticated, shopController.placeOrder);
132
133 app.get('/pending', ensureAuthenticated, shopController.getPending);
134
135 app.post('/pending/:id', ensureAuthenticated, shopController.postPending);
136
137 app.get('/pending/delete/:id', ensureAuthenticated, shopController.deletePending);
138
139
140 // add page
141 app.use(errorController.get404);
```

IMPLEMENTATION

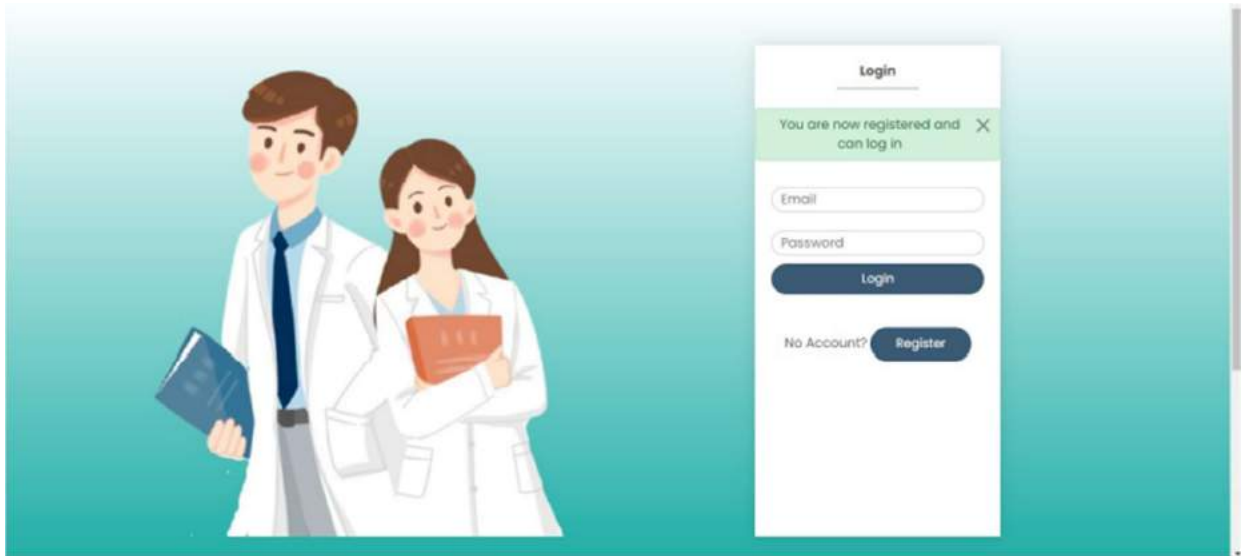
Register:



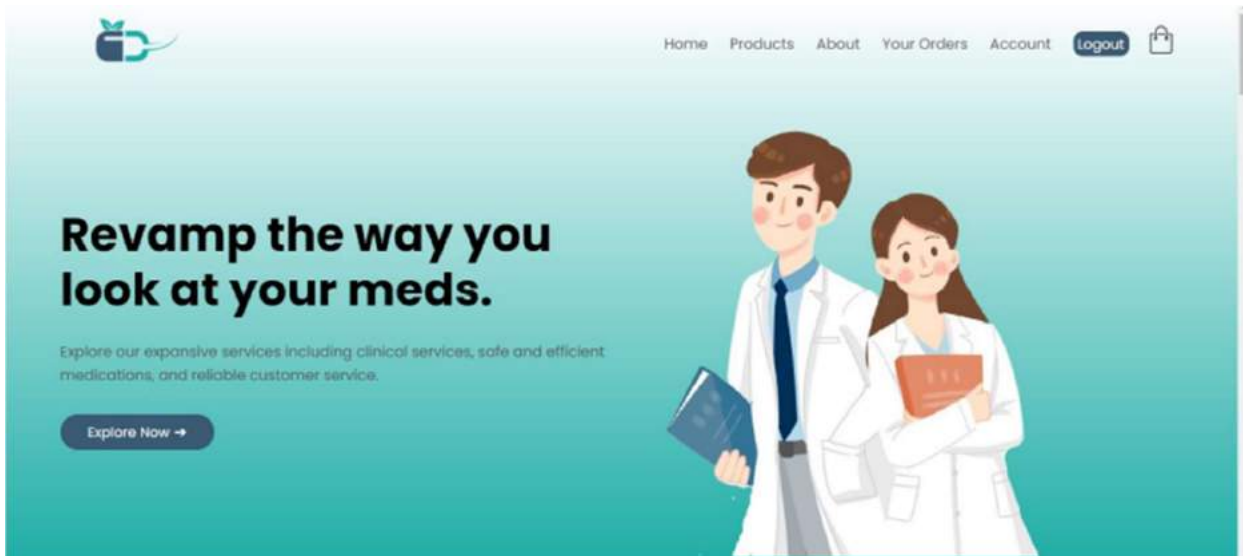
Register

Have An Account?

Login page:



Home page:



product:



[Home/products](#)

Cefdinir

16\$


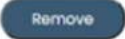

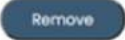
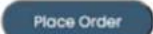
3

Add to Cart





Product Details

Omnicel (cefdinir) is a broad spectrum third-generation



Cart:

Product	Quantity	Subtotal
 Cefdinir 16\$	<input type="text" value="3"/>	48\$
		
 Amoxicillin 9\$	<input type="text" value="2"/>	18\$
		
Subtotal		66\$
Tax		11.88\$
Total		77.88\$
		

Your orders:

		Home Products About Your Orders Account Logout 			
Product		Quantity	Subtotal	Status	Cancellation/Review
	Cefdinir 16\$	3	48\$	In Transit	Cancel Order
	Amoxicillin 9\$	2	18\$	In Transit	Cancel Order

About us:

[Home](#) [Products](#) [About](#) [Your Orders](#) [Account](#) [Logout](#) 

About Us

PharmaMan

Not simply one more online pharmacy ... Our all around supplied available and inviting pharmacy and treatment rooms are based at 260 Upper Street, Manhattan, NI.

PharmaMan have been putting forth pharmacy administrations to our clients for more than 100 years. We know the pharmacy and wellbeing and magnificence industry back to front, continually guaranteeing we offer the most breakthrough items and medications. We bring our customers the best quality administration and give the nearby network and neighboring wards with a brilliant, understanding centered administration.

CONCLUSION

Our application will make the lives of people easier and they would be able to easily access any medicine in case of emergency.