Micro Project report

On

ONLINE PHARMACY STORE

Submitted to the CMR Institute of Technology in partial fulfillment of the requirement for the award of the Laboratory of

NODE JS/ANGULAR/REACT JS/DJANGO LAB

Of

II B.Tech II Semester

In

Computer Science and Engineering (Data Science)

Submitted by

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(Approved by AICTE, Affiliated to JNTU, Kukatpally, Hyderabad)

Kandlakoya, Medchal Road, Hyderabad

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CMR INSTITUTE OF TECHNOLOGY

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(Approved by AICTE, Affiliated to JNTU, Kukatpally, Hyderabad)

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CERTIFICATE

This is to certify that a Micro Project entitled with "ONLINE PHARMACY STORE" is being Submitted By

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In partial fulfillment of the requirement for award of the Node js/Angular js/React js/Django Laboratory of II B. Tech II Semester in CSD to the CMRIT, Hyderabad is a record of a bonafide work carried out under our guidance and supervision.

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INTRODUCTION

Welcome to the Online Medicine Store Micro Project, an innovative initiative designed to revolutionize the way we access and manage our medications. This project aims to create a user-friendly, reliable, and secure online platform where customers can conveniently purchase prescription and over-the-counter medicines from the comfort of their homes.

Objectives

Convenience and Accessibility:

Develop a web-based platform where customers can conveniently browse, search, and purchase medications from the comfort of their homes. Ensure that users can easily view product details, images, and prices to make informed buying decisions.

Safety and Trust:

Although this version is static, the foundation is laid for integrating verified and authentic product sources in future updates. The system design anticipates compliance with pharmaceutical regulations and best practices.

Simple User Experience:

Focus on building a smooth, responsive interface that functions well on both desktop and mobile devices. Minimize technical complexity for end-users while maximizing functionality.

Scalable Architecture:

Create a modular and extendable structure that supports easy additions of new features like prescription uploads, user authentication, or payment gateways in future iterations.

Features

Search Functionality:

Real-time search bar to help users quickly locate specific medicines by name.

Dynamic Shopping Cart:

Users can add medicines to their cart, which updates in real time and persists using localStorage, maintaining items even after page refresh.

Product Display:

Interactive product listing with images, names, and prices of medicines, offering users a quick overview of available items.

Navigation and Cart Management:

Users can navigate to dedicated cart and checkout pages to manage their orders with ease.

Responsive Design:

Designed to work smoothly on various devices and screen sizes, ensuring accessibility for all users.

Impact

This Online Pharmacy Mini Project provides a base for a more robust e-commerce platform tailored for pharmaceuticals. It introduces fundamental e-pharmacy functions that support digital transformation in the healthcare space. The system promotes accessible medicine distribution, especially useful for remote areas or during emergencies when visiting a physical pharmacy may not be feasible. With future expansion, this platform can evolve into
a fully-featured solution addressing real-world pharmacy needs, improving public health delivery systems through digital innovation.

ABSTRACT

The **Online Pharmacy Store** is a digital platform developed to revolutionize the traditional method of purchasing medicines and healthcare products. It addresses the growing demand for convenient, contactless, and reliable access to pharmaceutical services. The system is designed to facilitate users in browsing, searching, and ordering a wide range of medicines from the comfort of their homes, thereby eliminating the need for physically visiting pharmacies.

This platform supports key features including user authentication and authorization, digital prescription upload, live product catalog with search and filter options, cart management, secure payment integration, order tracking, and customer support. Users can create accounts to manage their prescriptions, view order history, and receive alerts for refills or medication reminders. Pharmacists and administrators are provided with tools for inventory control, order processing, prescription validation, and reporting.

The system uses a robust backend connected to a dynamic database that keeps track of stock levels, prescription validations, and customer records while ensuring data privacy and security. Integration with third-party APIs for payment gateways and logistics partners further enhances the usability and scalability of the application.

The Online Pharmacy Store particularly benefits individuals with mobility issues, those living in rural or remote locations, and patients who require recurring medication. By digitalizing pharmaceutical services, it not only boosts accessibility but also minimizes the chances of human error, such as incorrect dosages or missed refills.

In essence, this project embodies the future of pharmaceutical retail by combining health care and e-commerce, ensuring faster, safer, and smarter access to medication in today's digital era.

SYSTEM REQUIREMENTS

1. Functional Requirements

These describe what the system should do — the core features and behaviors:

FR1-Product Display

The system should display a list of medical products (name, image, price, and "Add to Cart" button).

FR2-Search Functionality

The system should allow users to search for products by name using a search bar.

FR3-Shopping Cart

Users should be able to add products to the cart.
The cart icon should reflect the number of items added.
The system should store cart items using localStorage.

FR4-Navigation

Users should be able to navigate to the cart page (cart.html) and checkout page (checkout.html) using buttons or links.

FR5-Responsive Layout

The interface should adjust to different screen sizes (desktop, tablet, mobile)

2. Non-Functional Requirements

NFR1-Performance:

The website should load within 2 seconds under normal network conditions.
JavaScript functions (e.g., search, add to cart) should respond instantly.

NFR2-Usability:

The website should have a clean, intuitive user interface with readable fonts and properly spaced content.
Buttons and links should be easy to click on both desktop and mobile devices.

NFR3-Reliability:

Cart data should persist using localStorage, even if the page is refreshed.

NFR4-Compatibility: The application should work consistently across modern browsers (Chrome, Firefox, Safari, Edge).

NFR5-Maintainability:

Code should be organized (separating HTML, CSS, JS).
Should be easy to add or update product listings.

NFR7-Security (Basic):

Input in the search bar should not break the page (basic input handling assumed).
Should avoid exposing sensitive data (since it's currently static, this is minimal).

Implement analytics to track user behavior, sales trends, and inventory levels. Provide admins with detailed reports on orders, customer feedback, and operational performance.

SOURCE CODE

intro.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>PharmaStore</title>
   <style>
      body {
         font-family: Arial, sans-serif;
         background: linear-gradient(to right, #e0f7fa, #ffffff);
         margin: 0;
         padding: 0;
         display: flex;
         flex-direction: column;
         justify-content: center;
         align-items: center;
         min-height: 100vh;
      }
      .container {
         text-align: center;
         background: #ffffff;
         padding: 40px;
         border-radius: 15px;
         box-shadow: 0 5px 15px rgba(0,0,0,0.1);
         max-width: 700px;
         width: 90%;
      }
      h1 {
         color: #00796b;
      }
      p {
         color: #555;
         font-size: 18px;
      }
      .btn {
         margin-top: 20px;
         padding: 12px 24px;
         font-size: 16px;
```

```
            color: #ffffff;
            background-color: #00796b;
            border: none;
            border-radius: 8px;
            cursor: pointer;
            text-decoration: none;
        }
        .btn:hover {
            background-color: #004d40;
        }
        .reviews {
            margin-top: 30px;
            text-align: left;
        }
        .review {
            background: #f1f8e9;
            border-left: 5px solid #8bc34a;
            padding: 15px;
            margin-bottom: 15px;
            border-radius: 8px;
        }
        .review h4 {
            margin: 0 0 5px;
            color: #33691e;
        }
        .review p {
            margin: 0;
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>PharmaStore</h1>
        <p>Reliable | Affordable | Fast Delivery</p>
        <a href="index.html" class="btn">Enter Store</a>

        <div class="reviews">
            <h2>What Our Customers Say</h2>
            <div class="review">
                <h4>☆☆☆☆☆ - Priya S.</h4>
                <p>“Easy to order and super quick delivery. The prescription upload was smooth and secure.”</p>
            </div>
            <div class="review">
                <h4>☆☆☆☆☆ - Rahul M.</h4>
```

```
            <p>“I love the reminders for medicine refills. Saved me more than once!”</p>
          </div>
          <div class="review">
            <h4>☆☆☆☆☆ - Anjali D.</h4>
            <p>“Affordable prices and great support. Will shop again!”</p>
          </div>
        </div>
      </div>
    </body>
    </html>
```

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>PharmaStore - Online Pharmacy</title>
  <style>
    body {
    margin: 0;
      font-family: 'Segoe UI', sans-serif;
      background: #f9f9f9;
    }

    header {
      background: #007bff;
      color: white;
      padding: 20px;
      display: flex;
      justify-content: space-between;
      align-items: center;
      flex-wrap: wrap;
    }

    header h1 {
      margin: 0;
    }

    nav ul {
      list-style: none;
      display: flex;
      gap: 15px;
      margin: 0;
```

```
  padding: 0;
}

nav ul li a {
  color: white;
  text-decoration: none;
  font-weight: bold;
}

.search-wrapper {
  display: flex;
  justify-content: center;
  margin: 30px 20px 0;
}

#searchBox {
  width: 100%;
  max-width: 600px;
  padding: 12px 20px;
  border: 1px solid #ccc;
  border-radius: 25px;
  font-size: 16px;
  box-shadow: 0 2px 6px rgba(0, 0, 0, 0.05);
}

.products {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  gap: 25px;
  padding: 40px 20px;
  max-width:  1200px;
  margin: auto;
}

.product-card {
  background: #ffffff;
  padding: 20px;
  border-radius: 10px;
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.05);
  text-align: center;
  transition: transform 0.2s;
}

.product-card:hover {
```

```
  transform: translateY(-5px);
}

.product-card img {
  max-width: 100%;
  height: 180px;
  object-fit: contain;
  margin-bottom: 10px;
  border-radius: 8px;
}

.product-card h3 {
  color: #007bff;
  margin: 10px 0 5px;
}

.product-card p {
  font-weight: bold;
  color: #333;
}

.add-to-cart, .remove-from-cart {
  background-color: #007bff;
  color: white;
  padding: 10px 15px;
  margin: 6px 4px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}

.remove-from-cart {
  background-color: #dc3545;
}

.add-to-cart:hover {
  background-color: #0056b3;
}

.remove-from-cart:hover {
  background-color: #c82333;
}

footer {
```

```
      background: #007bff;
      color: white;
      text-align: center;
      padding: 15px;
      margin-top: 40px;
    }
  </style>
  <script src="search.js"></script>
</head>
<body>
  <header>
    <h1>PharmaStore</h1>
    <nav>
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="cart.html">Cart</a></li>
        <li><a href="checkout.html">Checkout</a></li>
      </ul>
    </nav>
  </header>

  <div class="search-wrapper">
    <input type="text" id="searchBox" placeholder="Search for medicines..."
onkeyup="searchProducts()" />
  </div>

  <section class="products">
    <div class="product product-card">
      <img src="para.jpg" alt="Paracetamol">
      <h3>Paracetamol</h3>
      <p>₹420.00</p>
      <button class="add-to-cart" onclick="addToCart('Paracetamol', 420)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Paracetamol')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="asp.jpg" alt="Aspirin">
      <h3>Aspirin</h3>
      <p>₹500.00</p>
      <button class="add-to-cart" onclick="addToCart('Aspirin', 500)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Aspirin')">Remove from
Cart</button>
    </div>
```

```
    <div class="product product-card">
      <img src="cough.jpg" alt="Cough Syrup">
      <h3>Cough Syrup</h3>
      <p>₹660.00</p>
      <button class="add-to-cart" onclick="addToCart('Cough Syrup', 660)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Cough Syrup')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="cetaphil.avif" alt="Cetaphil">
      <h3>Cetaphil</h3>
      <p>₹15,000.00</p>
      <button class="add-to-cart" onclick="addToCart('Cetaphil', 15000)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Cetaphil')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="cetirizine.jpeg" alt="Cetirizine">
      <h3>Cetirizine</h3>
      <p>₹420.00</p>
      <button class="add-to-cart" onclick="addToCart('Cetirizine', 420)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Cetirizine')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="dettol.avif" alt="Dettol">
      <h3>Dettol</h3>
      <p>₹420.00</p>
      <button class="add-to-cart" onclick="addToCart('Dettol', 420)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Dettol')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="dolo 650.jpeg" alt="Dolo 650">
      <h3>Dolo 650</h3>
      <p>₹420.00</p>
      <button class="add-to-cart" onclick="addToCart('Dolo 650', 420)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Dolo 650')">Remove from
Cart</button>
```

```
    </div>

    <div class="product product-card">
      <img src="cheston cold.jpeg" alt="Cheston Cold">
      <h3>Cheston Cold</h3>
      <p>₹420.00</p>
      <button class="add-to-cart" onclick="addToCart('Cheston Cold', 420)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Cheston Cold')">Remove from
Cart</button>
    </div>

    <!-- Additional Medicines -->
    <div class="product product-card">
      <img src="calpol.jpg" alt="Calpol">
      <h3>Calpol</h3>
      <p>₹360.00</p>
      <button class="add-to-cart" onclick="addToCart('Calpol', 360)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Calpol')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="crocin.jpg" alt="Crocin">
      <h3>Crocin</h3>
      <p>₹390.00</p>
      <button class="add-to-cart" onclick="addToCart('Crocin', 390)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Crocin')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="avomine.jpg" alt="Avomine">
      <h3>Avomine</h3>
      <p>₹210.00</p>
      <button class="add-to-cart" onclick="addToCart('Avomine', 210)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Avomine')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="combiflam.jpg" alt="Combiflam">
      <h3>Combiflam</h3>
      <p>₹320.00</p>
      <button class="add-to-cart" onclick="addToCart('Combiflam', 320)">Add to Cart</button>
```

```
      <button class="remove-from-cart" onclick="removeFromCart('Combiflam')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="sinarest.jpg" alt="Sinarest">
      <h3>Sinarest</h3>
      <p>₹290.00</p>
      <button class="add-to-cart" onclick="addToCart('Sinarest', 290)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Sinarest')">Remove from
Cart</button>
    </div>

    <div class="product product-card">
      <img src="zincovit.jpg" alt="Zincovit">
      <h3>Zincovit</h3>
      <p>₹250.00</p>
      <button class="add-to-cart" onclick="addToCart('Zincovit', 250)">Add to Cart</button>
      <button class="remove-from-cart" onclick="removeFromCart('Zincovit')">Remove from
Cart</button>
    </div>
  </section>


  <footer>
    <p>&copy; 2025 PharmaStore | All rights reserved.</p>
  </footer>

  <script src="cart.js"></script>
</body>
</html>
Styles.css
/* styles.css */

/* General Reset */
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f9;
```

```
    color: #333;
    padding: 0;
}

header {
    background-color: #0044cc;
    color: white;
    padding: 15px 20px;
    text-align: center;
}

header .logo h1 {
    margin: 0;
    font-size: 2em;
}

nav ul {
    list-style: none;
    padding: 0;
    margin-top: 10px;
}

nav ul li {
    display: inline;
    margin-right: 20px;
}

nav ul li a {
    color: white;
    text-decoration: none;
    font-weight: bold;
}

nav ul li a:hover {
    text-decoration: underline;
}

/* Products Section */
section.products {
    display: flex;
    justify-content: space-around;
    flex-wrap: wrap;
    margin: 20px;
    padding: 20px;
```

```
    background-color: #fff;
}

.product-card {
    background-color: #fff;
    border: 1px solid #ddd;
    border-radius: 8px;
    width: 200px;
    padding: 15px;
    margin: 10px;
    text-align: center;
    transition: transform 0.2s ease-in-out;
}

.product-card:hover {
    transform: scale(1.05);
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

.product-card img {
    width: 100%;
    height: 150px;
    object-fit: contain;
    border-radius: 5px;
    margin-bottom: 10px;
}

.product-card h3 {
    font-size: 1.2em;
    color: #333;
    margin-bottom: 10px;
}

.product-card p {
    font-size: 1em;
    color: #444;
    margin-bottom: 10px;
}

.add-to-cart {
    background-color: #0044cc;
    color: white;
    padding: 10px;
    border: none;
```

```
    border-radius: 5px;
    cursor: pointer;
    font-size: 1em;
}

.add-to-cart:hover {
    background-color: #0033aa;
}

/* Cart Page */
section.cart {
    background-color: #fff;
    padding: 20px;
    margin: 20px;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

.cart h2 {
    margin-bottom: 20px;
    font-size: 2em;
    color: #0044cc;
}

#cart-items p {
    margin-bottom: 10px;
    font-size: 1.2em;
}

/* Styled Remove Button */
.remove-btn {
    background-color: #ff4d4d;
    color: white;
    border: none;
    padding: 8px 12px;
    cursor: pointer;
    border-radius: 5px;
    font-size: 1em;
    transition: background 0.3s ease-in-out;
}

.remove-btn:hover {
    background-color: #cc0000;
}
```

```
/* Cart Item Styling */
.cart-item {
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: #f8f8f8;
    padding: 10px;
    border-radius: 5px;
    margin: 5px 0;
}
/* Cart Item Styling */
.cart-item {
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: #f8f8f8;
    padding: 10px;
    border-radius: 5px;
    margin: 5px 0;
}

#total-price {
    font-size: 1.5em;
    font-weight: bold;
    color: #0044cc;
    margin-top: 20px;
}

.checkout-btn {
    background-color: #0044cc;
    color: white;
    padding: 10px 20px;
    font-size: 1.2em;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    margin-top: 20px;
}

.checkout-btn:hover {
    background-color: #0033aa;
}
```

```
/* Checkout Page */
section.checkout {
    background-color: #fff;
    padding: 20px;
    margin: 20px;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

.checkout h2 {
    margin-bottom: 20px;
    font-size: 2em;
    color: #0044cc;
}

form {
    display: flex;
    flex-direction: column;
    gap: 15px;
}

form input {
    padding: 10px;
    font-size: 1em;
    border: 1px solid #ddd;
    border-radius: 5px;
}

form input:focus {
    border-color: #0044cc;
    outline: none;
}

form button {
    background-color: #0044cc;
    color: white;
    padding: 10px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    font-size: 1.2em;
}

form button:hover {
```

```
    background-color: #0033aa;
}

/* Footer */
footer {
    text-align: center;
    padding: 10px;
    background-color: #0044cc;
    color: white;
    position: fixed;
    bottom: 0;
    width: 100%;
}

/* Mobile Responsiveness */
@media (max-width: 768px) {
    .product-card {
        width: 45%;
    }

    nav ul li {
        display: block;
        margin-bottom: 10px;
    }

    .products {
        flex-direction: column;
        align-items: center;
    }
}

@media (max-width: 480px) {
    .product-card {
        width: 100%;
    }

    .products {
        flex-direction: column;
    }
}
```

Search.js

```
function searchProducts() {
    const input = document.getElementById('searchBox').value.toLowerCase();
    const products = document.getElementsByClassName('product');
```

```
    for (let i = 0; i < products.length; i++) {
        let name = products[i].innerText.toLowerCase();
        products[i].style.display = name.includes(input) ? '' : 'none';
    }
}
```

Checkout.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Checkout - PharmaStore</title>
    <style>
        /* General Styles */
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
            background-color: #f4f4f4;
            color: #333;
        }

        /* Header */
        header {
            background: #007bff;
            color: white;
            padding: 15px 20px;
            display: flex;
            justify-content: space-between;
            align-items: center;
        }

        nav ul {
            list-style: none;
            padding: 0;
            margin: 0;
            display: flex;
        }

        nav ul li {
            margin-left: 20px;
        }
```

```
nav ul li a {
    color: white;
    text-decoration: none;
    font-weight: bold;
}

/* Checkout Section */
.checkout {
    width: 50%;
    margin: 40px auto;
    background: white;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.checkout h2 {
    text-align: center;
    color: #007bff;
}

form {
    display: flex;
    flex-direction: column;
}

label {
    margin-top: 10px;
    font-weight: bold;
}

input {
    padding: 10px;
    margin-top: 5px;
    border: 1px solid #ccc;
    border-radius: 5px;
}

.checkout-btn {
    margin-top: 20px;
    background: #007bff;
    color: white;
    padding: 10px;
```

```
            border: none;
            border-radius: 5px;
            cursor: pointer;
            font-size: 16px;
        }

        .checkout-btn:hover {
            background: #0056b3;
        }

        /* Hidden Message */
        .hidden {
            display: none;
            text-align: center;
            color: green;
            font-weight: bold;
            margin-top: 20px;
        }

        /* Footer */
        footer {
            text-align: center;
            background: #007bff;
            color: white;
            padding: 10px;
            margin-top: 40px;
        }
    </style>
</head>
<body>
    <header>
        <div class="logo">
            <h1>PharmaStore</h1>
        </div>
        <nav>
            <ul>
                <li><a href="index.html">Home</a></li>
                <li><a href="cart.html">Cart</a></li>
                <li><a href="checkout.html">Checkout</a></li>
            </ul>
        </nav>
    </header>
    <label for="prescription">Upload Prescription:</label>
<input type="file" id="prescription" name="prescription" accept=".jpg, .jpeg, .png, .pdf" />
```

```
<div style="margin-top: 20px; padding: 10px; border: 1px solid #ccc; border-radius: 10px;">
   <h3>Set a Medicine Refill Reminder</h3
  <label for="reminderDate">Reminder Date:</label>
   <input type="date" id="reminderDate" />
   <button onclick="setReminder()">Set Reminder</button>
</div>


   <section class="checkout">
      <h2>Checkout</h2>

      <form id="checkout-form">
         <label for="name">Full Name:</label>
         <input type="text" id="name" required>

         <label for="email">Email:</label>
         <input type="email" id="email" required>

         <label for="address">Shipping Address:</label>
         <input type="text" id="address" required>

         <button type="submit" class="checkout-btn">Complete Purchase</button>
      </form>

      <p id="order-message" class="hidden">Thank you for your order!</p>
   </section>

   <footer>
      <p>&copy; 2025 PharmaStore | All rights reserved.</p>
   </footer>

   <script>
      document.getElementById('checkout-form').addEventListener('submit', function(event) {
         event.preventDefault();
         document.getElementById('order-message').classList.remove('hidden');
         this.reset();
      });
   </script>
   <script>
      function setReminder() {
         const date = document.getElementById('reminderDate').value;
         if (date) {
            const dateObj = new Date(date);
            alert("Refill reminder set for: " + dateObj.toDateString());
```

```
            // Optionally save to localStorage
            localStorage.setItem("refillReminder", dateObj.toISOString());
        } else {
            alert("Please select a valid date.");
        }
    }
    </script>

</body>
</html>

Cart.js
// Initialize cart
let cart = [];

// Load cart items from localStorage if available
if (localStorage.getItem('cart')) {
    cart = JSON.parse(localStorage.getItem('cart'));
    updateCart();
}

// Function to add items to cart
function addToCart(product, price) {
    cart.push({ product, price });
    localStorage.setItem('cart', JSON.stringify(cart));
    alert(`${product} added to cart!`);
    updateCart(); // Update cart display
}

// Function to remove an item from cart
function removeFromCart(product) {
    cart = cart.filter(item => item.product ! = product);
    localStorage.setItem('cart', JSON.stringify(cart));
    alert(`${product} removed from cart!`);
    updateCart(); // Update cart display
}

// Function to update the cart page
function updateCart() {
    const cartItemsDiv = document.getElementById('cart-items');
    const totalPriceElement = document.getElementById('total-price');

    if (!cartItemsDiv || !totalPriceElement) return; // Ensure elements exist
```

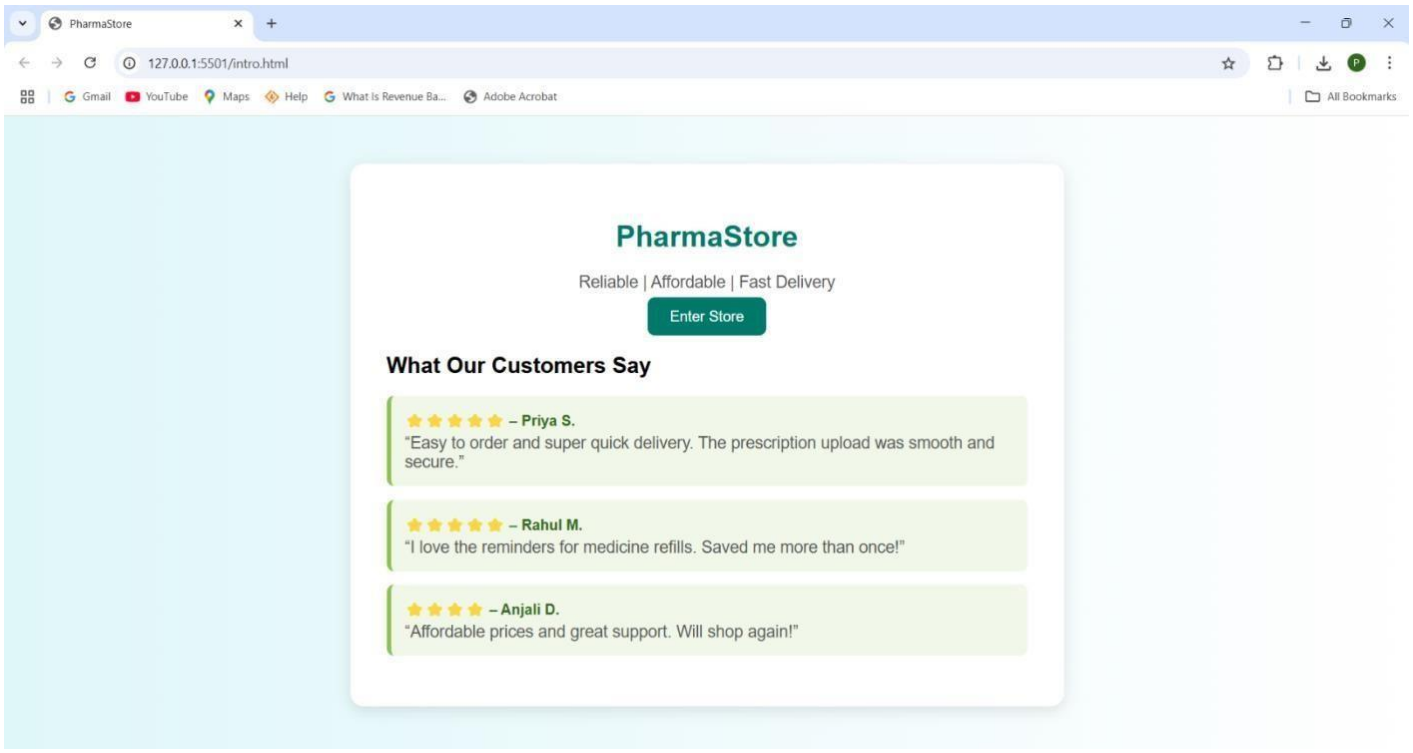
```
    if (cart.length === 0) {
        cartItemsDiv.innerHTML = '<p>Your cart is empty.</p>';
    } else {
        cartItemsDiv.innerHTML = cart.map((item, index) => {
            return `
                <div class="cart-item">
                    <p>${item.product} - ₹${item.price}</p>
                    <button class="remove-btn"
onclick="removeFromCart('${item.product}')">Remove</button>
                </div>
            `;
        }).join('');
    }

    const total = cart.reduce((total, item) => total + item.price, 0);
    totalPriceElement.innerText = `Total: ₹${total.toFixed(2)}`;
}

// Handle checkout form submission
const checkoutForm = document.getElementById('checkout-form');
if (checkoutForm) {
    checkoutForm.addEventListener('submit', (e) => {
        e.preventDefault();
        localStorage.removeItem('cart'); // Clear cart after purchase
        alert('Thank you for your purchase! You will receive a confirmation email shortly.');
        window.location.href = 'index.html'; // Redirect to homepage
    });
}
```

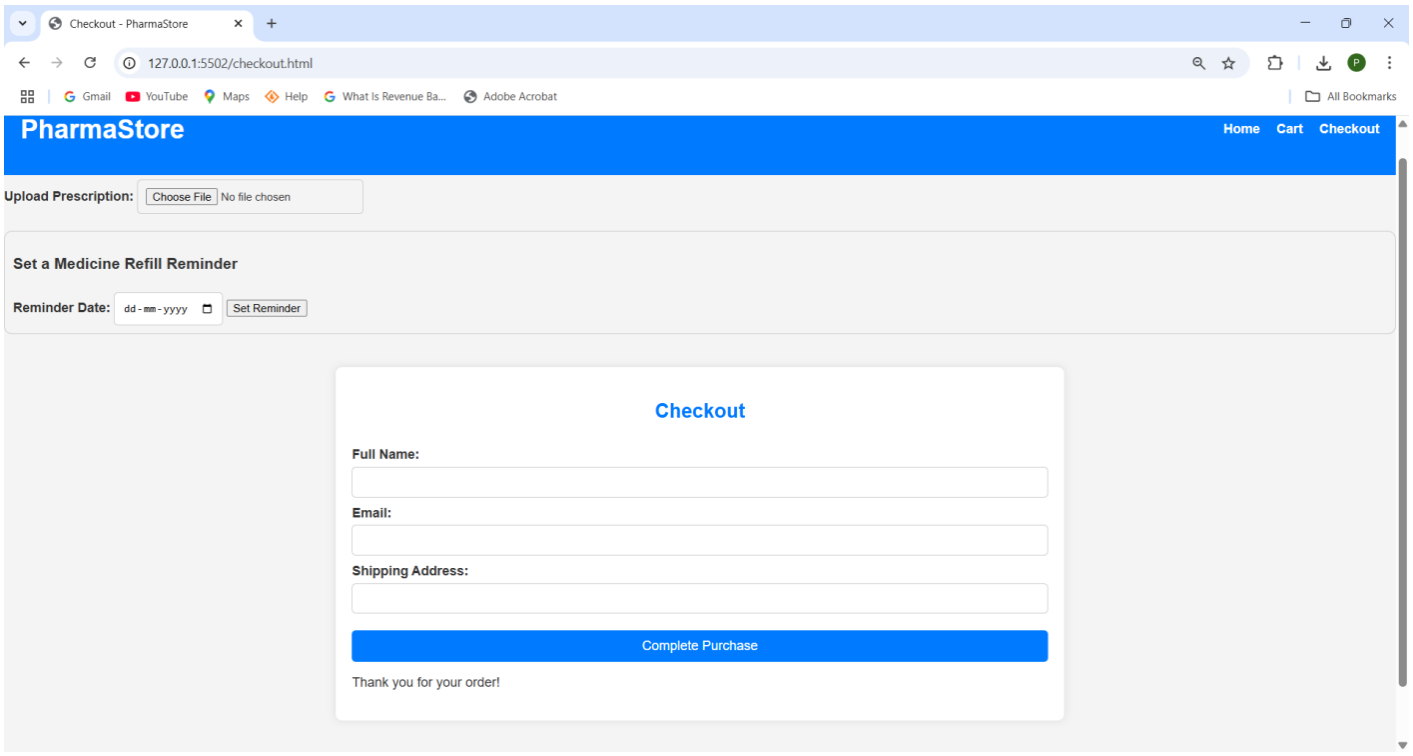
Cart.html

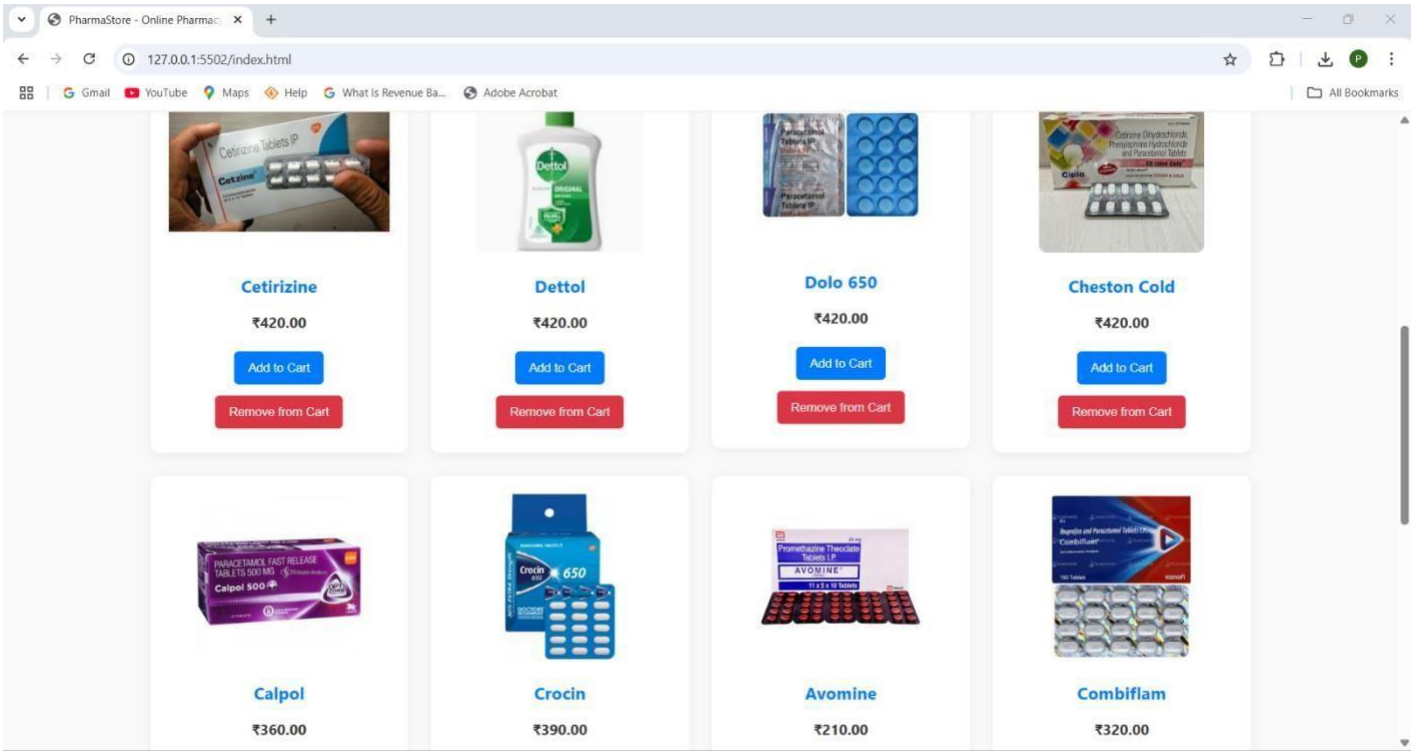
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Your Cart - PharmaStore</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <header>
        <div class="logo">
            <h1>PharmaStore</h1>
        </div>
```

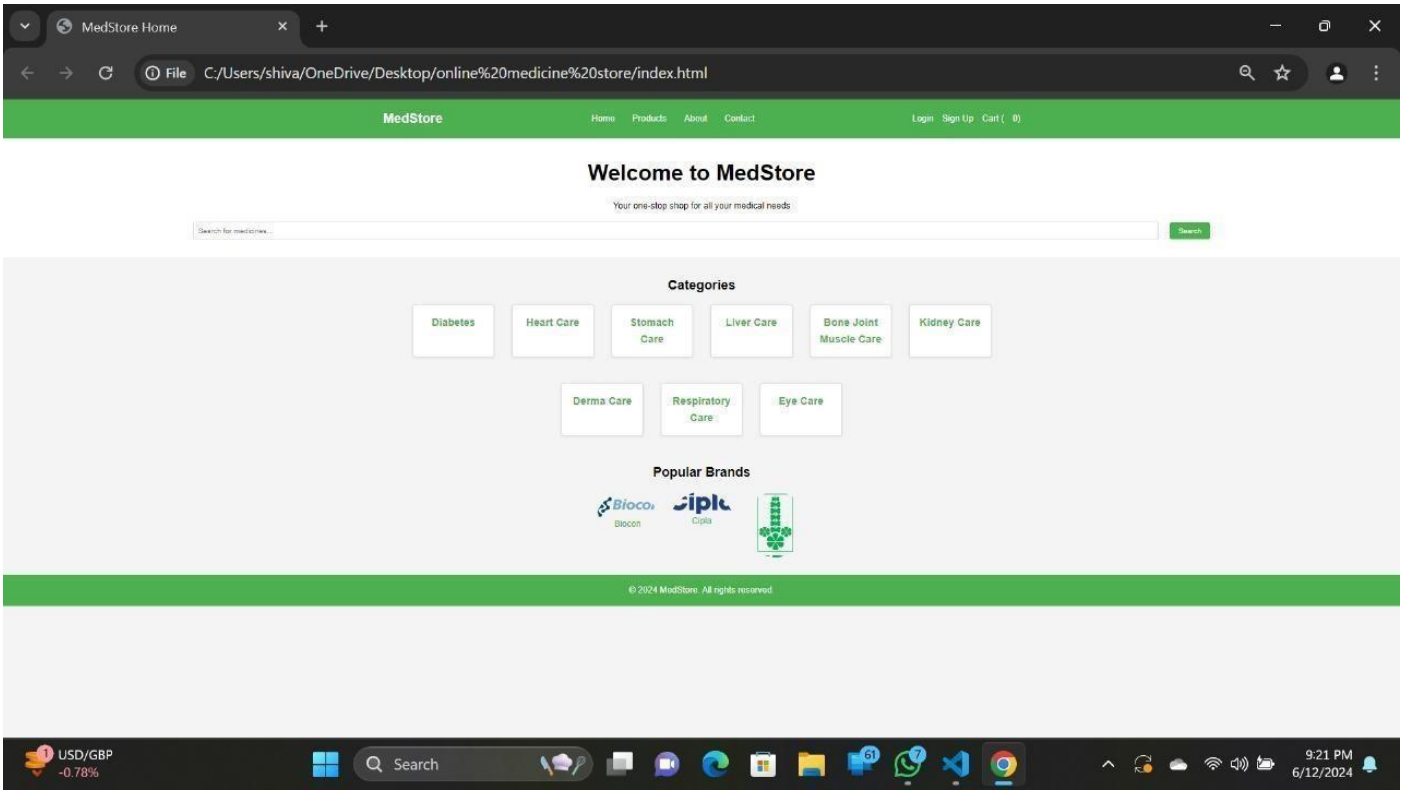
```
        <nav>
            <ul>
                <li><a href="index.html">Home</a></li>
                <li><a href="cart.html">Cart</a></li>
                <li><a href="checkout.html">Checkout</a></li>
            </ul>
        </nav>
    </header>

    <section class="cart">
        <h2>Your Cart</h2>

        <div id="cart-items"></div>

        <p id="total-price">Total: $0</p>

        <button class="checkout-btn" onclick="window.location.href='checkout.html'">Proceed to
Checkout</button>
    </section>

    <footer>
        <p>&copy; 2025 PharmaStore | All rights reserved.</p>
    </footer>

    <script src="cart.js"></script>
</body>
</html>
```

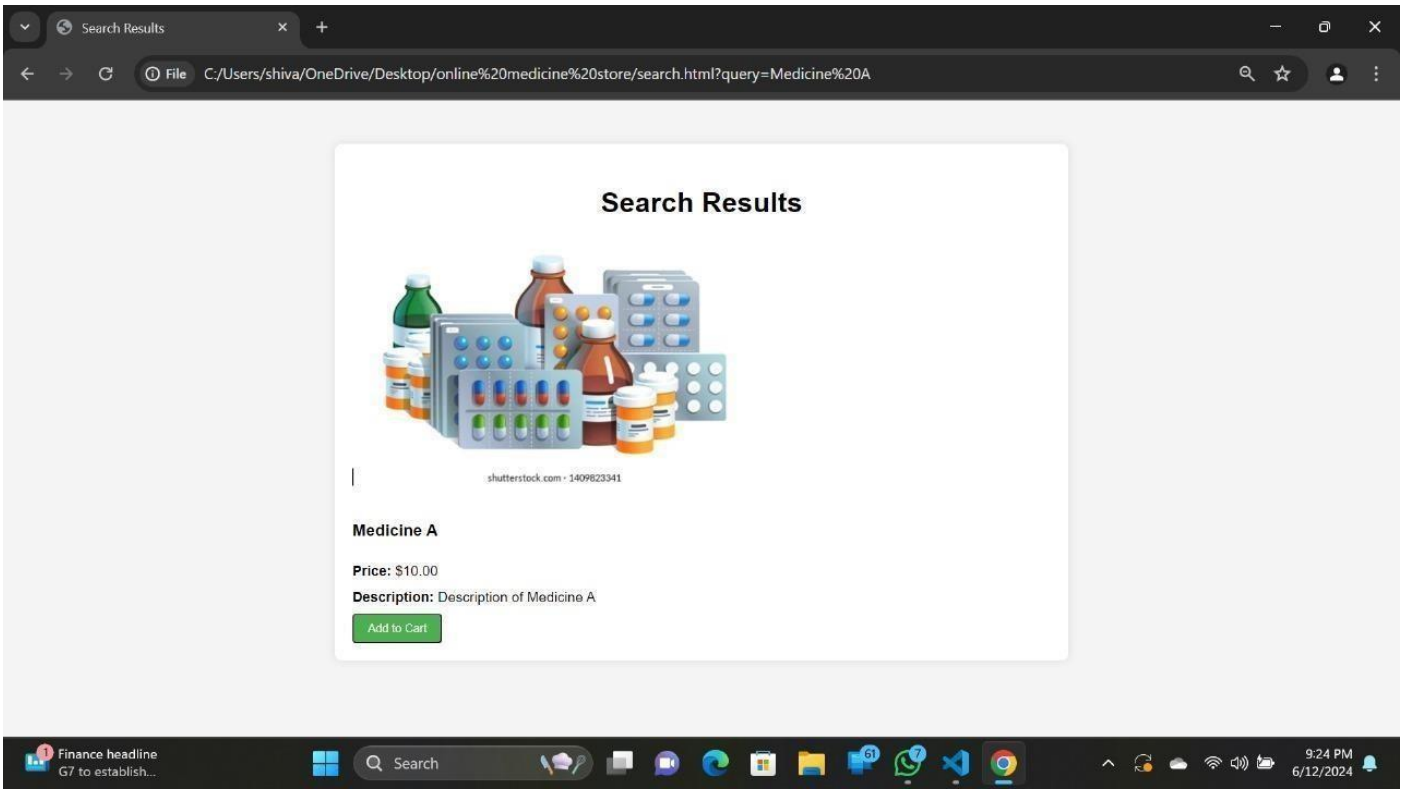
OUTPUT:

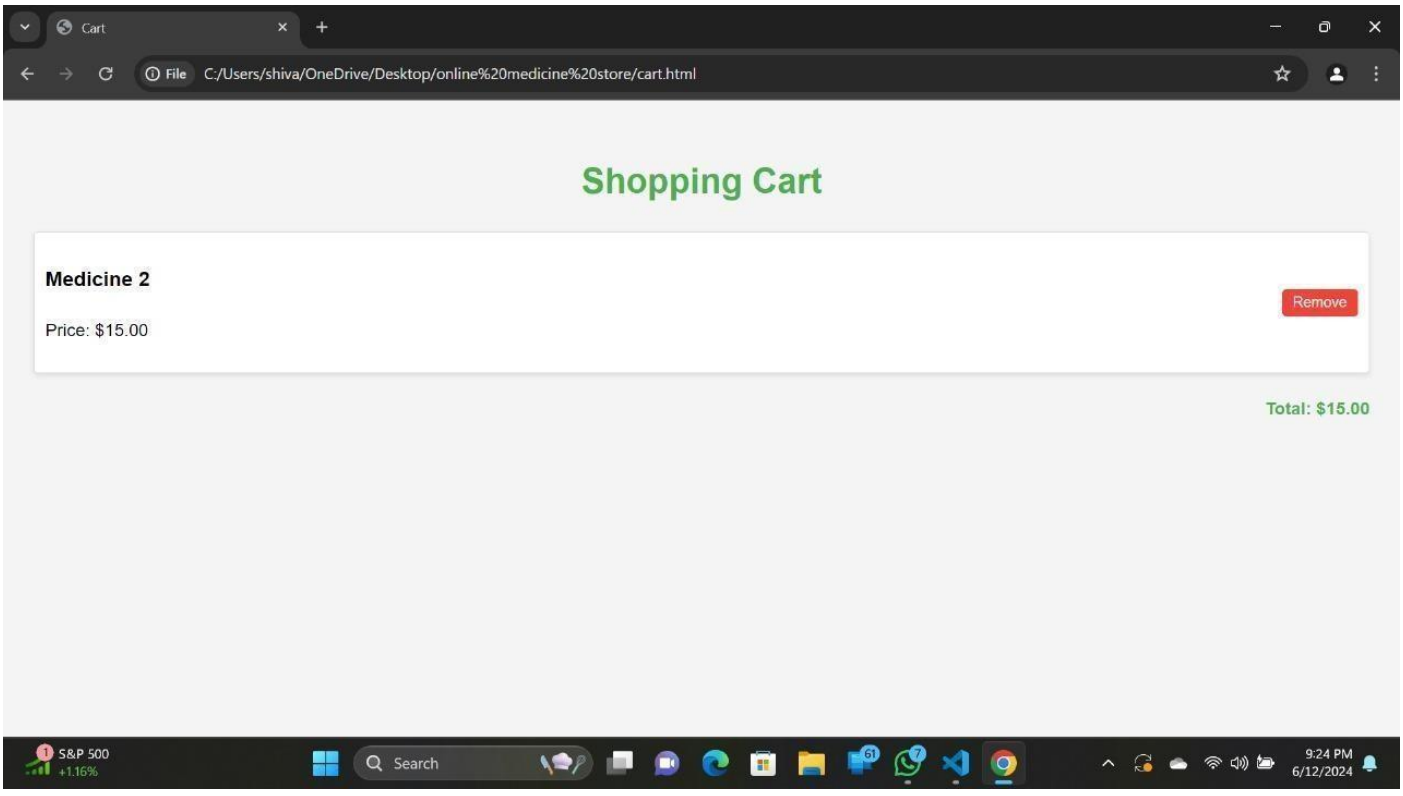

PharmaStore
127.0.0.1:5501/intro.html
Gmail
YouTube
Maps
Help
What Is Revenue Ba...
Adobe Acrobat
All Bookmarks
PharmaStore
Reliable | Affordable | Fast Delivery
Enter Store
What Our Customers Say
– Priya S.
"Easy to order and super quick delivery. The prescription upload was smooth and secure."
– Rahul M.
"I love the reminders for medicine refills. Saved me more than once!"
– Anjali D.
"Affordable prices and great support. Will shop again!"


Checkout - PharmaStore
127.0.0.1:5502/checkout.html
Gmail
YouTube
Maps
Help
What Is Revenue Ba...
Adobe Acrobat
All Bookmarks
PharmaStore
Home
Cart
Checkout
Upload Prescription:
Choose File
No file chosen
Set a Medicine Refill Reminder
Reminder Date:
dd-mm-yyyy
Set Reminder
Checkout
Full Name:
Email:
Shipping Address:
Complete Purchase
Thank you for your order!


PharmaStore - Online Pharmac
127.0.0.1:5502/index.html
Gmail
YouTube
Maps
Help
What Is Revenue Ba...
Adobe Acrobat
All Bookmarks
Cetirizine
₹420.00
Add to Cart
Remove from Cart
Dettol
₹420.00
Add to Cart
Remove from Cart
Dolo 650
₹420.00
Add to Cart
Remove from Cart
Cheston Cold
₹420.00
Add to Cart
Remove from Cart
Calpol
₹360.00
Crocin
₹390.00
Avomine
₹210.00
Combiflam
₹320.00


MedStore Home
File
C:/Users/shiva/OneDrive/Desktop/online%20medicine%20store/index.html
MedStore
Home
Products
About
Contact
Login
Sign Up
Cart (0)
Welcome to MedStore
Your one-stop shop for all your medical needs
Search
Categories
Diabetes
Heart Care
Stomach Care
Liver Care
Bone Joint Muscle Care
Kidney Care
Derma Care
Respiratory Care
Eye Care
Popular Brands
Biocon
Cipla
© 2024 MedStore. All rights reserved.
USD/GBP
-0.78%
Search
9:21 PM
6/12/2024


Search Results
File C:/Users/shiva/OneDrive/Desktop/online%20medicine%20store/search.html?query=Medicine%20A
Search Results
shutterstock.com · 1409823341
Medicine A
Price: $10.00
Description: Description of Medicine A
Add to Cart
Finance headline
G7 to establish...
Search
9:24 PM
6/12/2024


Cart
File C:/Users/shiva/OneDrive/Desktop/online%20medicine%20store/cart.html
Shopping Cart
Medicine 2
Price: $15.00
Remove
Total: $15.00
S&P 500
+1.16%
Search
9:24 PM
6/12/2024

CONCLUSION

The Online Medicine Store project effectively bridges the gap between technology and healthcare by providing a convenient and reliable platform for purchasing medications. With the growing demand for digital solutions in the healthcare sector, this project meets the needs of customers who prefer the ease of ordering medicines from the comfort of their homes. It especially benefits elderly individuals, patients with chronic illnesses, and those residing in remote or rural areas, where access to physical pharmacies may be limited.

Through features like detailed product information, prescription management, professional support from licensed pharmacists, and secure payment systems, the platform ensures both safety and user satisfaction. It adheres to medical compliance standards, sources medicines from verified suppliers, and offers prompt delivery services, making the overall experience seamless and trustworthy. These features not only support better medication adherence but also improve the overall efficiency of healthcare delivery.

In summary, the Online Medicine Store project is a significant advancement in the field of digital healthcare. It enhances accessibility, provides timely support, and ensures the safety of its users, thereby contributing to a healthier society. The project has the potential to grow further by integrating advanced technologies such as artificial intelligence, chatbots for instant support, and personalized healthcare services, making it a valuable and scalable solution for the future.

REFERENCES

1. U.S. Food and Drug Administration (FDA)

-The FDA provides guidelines and tips for safely purchasing medications online. They also offer resources to identify legitimate online pharmacies.

-[Buying Medicines Over the Internet] (https://www.fda.gov/drugs/online-pharmacies/buying-medicinesover-internet)

2. National Association of Boards of Pharmacy (NABP)

- The NABP runs the Verified Internet Pharmacy Practice Sites (VIPPS) program, which certifies online pharmacies that meet their rigorous standards.

- [VIPPS Program] (https://nabp.pharmacy/programs/vipps/)

3. World Health Organization (WHO)

-The WHO provides guidelines on the risks and regulations surrounding the purchase of medicines over the internet.

-[Medicines: counterfeit medicines] (https://www.who.int/news-room/questions-andanswers/item/medicines-counterfeit-medicines)

4. Mayo Clinic

-Mayo Clinic offers advice on how to safely purchase prescription medications online.

-(https://www.mayoclinic.org/healthy-lifestyle/consumerhealth/expert-answers/buying-prescription-drugs-online/faq-20057873)

5. WebMD

-WebMD provides an overview of the pros and cons of buying medications online and tips for ensuring safety.

-(https://www.webmd.com/a-to-zguides/features/online-pharmacies-what-to-know)

These sources offer valuable insights into the safe purchase of medications online and the standards reputable online pharmacies should adhere to.