

SYMPTO-CARE



A

Human Computer Interface Course Project Report
in partial fulfilment of the degree

Bachelor of Technology
in
School of Computer Science & Artificial Intelligence

By

VELDI HRUTHIKA

2303A51543

ESHWARAPRAGADA SAI ANURATH

2303A51560

Under the guidance of

FAIZA IRAM

Assistant professor

CSE&AI

Submitted to

School of Computer Science and Artificial Intelligence



SR
UNIVERSITY



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the **Human-Computer Interface** Report entitled “**SYMPTO-CARE**” is a record of bonafide work carried out by the student **E.SAI ANURATH, V.HRUTHIKA** bearing Roll No(s) 2303A51560, 2303A51543 during the academic year 2024-25 in partial fulfillment of the award of the degree of *Bachelor of Technology* in **School of Computer Science & Artificial Intelligence** by the SR University, Ananathasagar, Hanamakonda.

Supervisor

Faiza Iram

Assistant professor (CSE&AI)
SR University,
Ananthasagar,Hanamakonda.

Head of the Department

Dr.M.Sheshikala

Assoc.prof&HOD(CSE & AI)
SR University,
Ananthasagar,Hanamakonda.

ACKNOWLEDGMENT

We owe an enormous debt of gratitude to our project guide Ms. Faiza Iram, Assistant Professor as well as Head of the CSE Department Dr. M. Sheshikala, Associate Professor for guiding us from the beginning through the end of the Project with their intellectual advices and insightful suggestions. We truly value their consistent feedback on our progress, which was always constructive and encouraging and ultimately drove us to the right direction.

We wish to take this opportunity to express our sincere gratitude and deep sense of respect to our beloved Vice Chancellor, Prof. Deepak Garg, for his continuous support and guidance to complete this project in the institute.

Finally, we express our thanks to all the teaching and non-teaching staff of the department for their suggestions

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ABSTRACT

Sympto-Care is a comprehensive healthcare platform designed to simplify access to healthcare resources. It integrates a **Symptom Analyzer**, a **Specialists'** profiles, and an **E-commerce Pharmacy** into one user-friendly application. The system aims to improve user convenience by providing accurate symptom analysis, local specialist recommendations, and a seamless medicine purchasing experience.

OBJECTIVE

To design and implement **Sympto-Care**, the platform focuses on providing a user-centric approach to healthcare solutions. It assists users in identifying potential health conditions by analyzing their symptoms and mapping them to possible diseases. Based on the analysis, it suggests the type of specialist required for consultation, ensuring timely and appropriate medical advice. The platform also features a comprehensive directory of specialists within the user's city. This directory allows users to view detailed information about doctors and their areas of expertise. Moreover, it provides convenient options to book appointments directly through the platform and offers navigation support to their clinics or hospitals using Google Maps.

Another key feature of **Sympto-Care** is its integrated e-commerce pharmacy. It facilitates both online and offline medicine purchases, enabling users to shop for specific disease-related medicines as well as other health-related products like vitamins, fitness supplements, and feminine hygiene products. Users can add items to their cart, choose their preferred payment method—either online or cash-on-delivery—and have a seamless shopping experience.

Additionally, the platform includes a section for top health-related articles. These articles are curated to educate users about various health topics, ensuring they stay informed about recent trends and practices in healthcare. The combination of these features ensures that **Sympto-Care** becomes an indispensable tool for modern healthcare needs.

EXISTING SYSTEM

Current healthcare platforms often face the following limitations:

- a. Lack of unified systems for symptom analysis, specialist directories, and pharmacies.
- b. Limited availability of specialist details and navigation tools.
- c. Inconvenient payment methods and non-diverse product categories in online pharmacies.
- d. Poor integration of health education through articles.

PROPOSED SYSTEM:

1. Symptom Analyzer:

- Offers an A-Z database of symptoms.
- Maps symptoms to possible diseases.
- Recommends the type of specialist required for consultation.

2. Specialists' Profiles:

- Lists major specialists in the user's city.
- Includes their expertise and contact details.
- Allows appointment booking directly through the platform.
- Integrates Google Maps for navigation to clinics or hospitals.

3. Pharmacy Module:

- Provides medicines categorized by A-Z diseases.
- Offers additional categories like vitamins, fitness products, feminine hygiene, orthopaedic, ayurvedic, and skincare.
- Features shopping cart functionality for easy checkout.
- Supports both online payments and offline cash-on-delivery options.

4. Health Articles Section:

- Displays recent and trending health-related articles.
- Aims to educate users on various healthcare topics.

5. User-Centric Features:

- Intuitive user interface for seamless navigation.
- Secure login and payment gateways.
- Designed to ensure quick access to healthcare resources.

Sympto-Care unifies multiple healthcare services into one platform, making it easier for users to manage symptoms, find specialists, and purchase medicines—all while staying informed through curated articles.

SOFTWARE REQUIREMENTS

TECHNICAL REQUIREMENTS:

- HTML
- CSS
- JavaScript

HARDWARE REQUIREMENTS:

Server: You will need a reliable server with sufficient memory, storage, and processing power to handle the platform's workload efficiently.

Database Server: A database server is essential to store and manage critical data, such as disease symptoms, medicines, specialist details, and user information. It should have adequate storage, memory, and robust performance to ensure quick data retrieval and secure storage.

Network Infrastructure: Reliable networking equipment, including routers and switches, along with a high-speed internet connection, is essential to ensure smooth communication between various components of the system.

ELEMENTS USED IN THE PROJECT:

- i. **User Interface (UI):** Designed for intuitive navigation with sections for symptom analysis, specialists, and pharmacy.
- ii. **Symptom Analyzer:** Database-backed functionality mapping symptoms to diseases and specialists.
- iii. **Specialists Profile:** Integrated with Google Maps API for hospital navigation and appointment booking.
- iv. **Pharmacy Module:** Product listing for diseases and categories like vitamins and hygiene products.
- v. **Security Features:** Secure login, user authentication, and encrypted payment processing.
- vi. **Payment Gateway:** Supports online payments and cash-on-delivery.

IMPLEMENTATION

CODE:

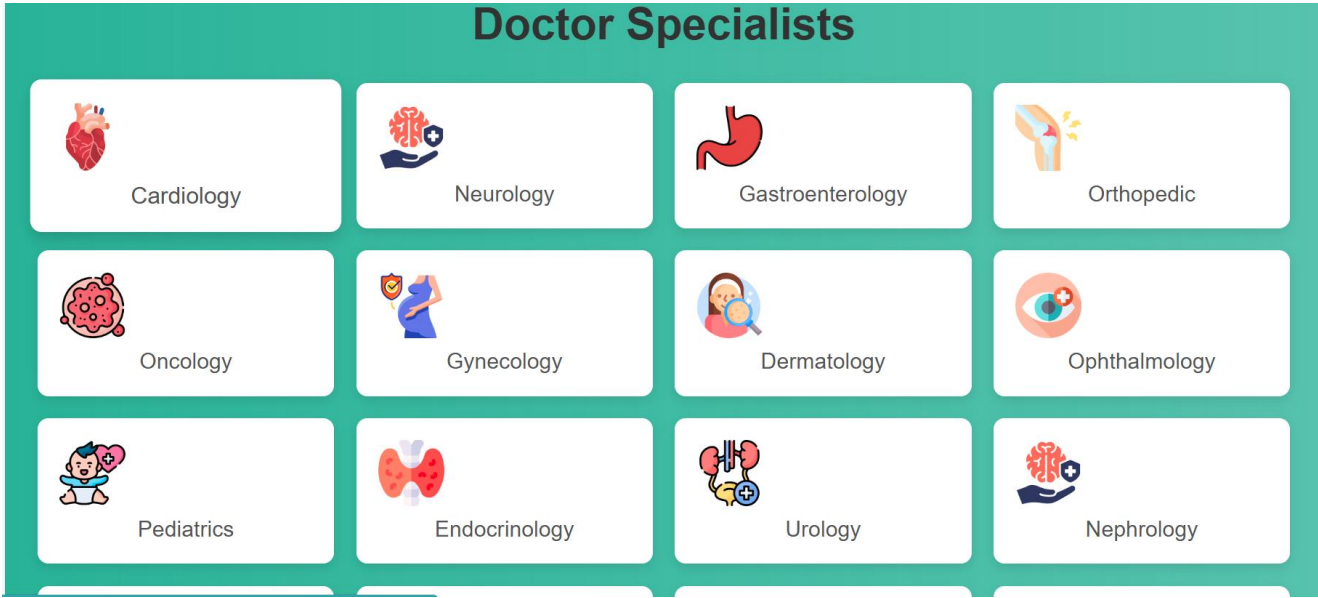
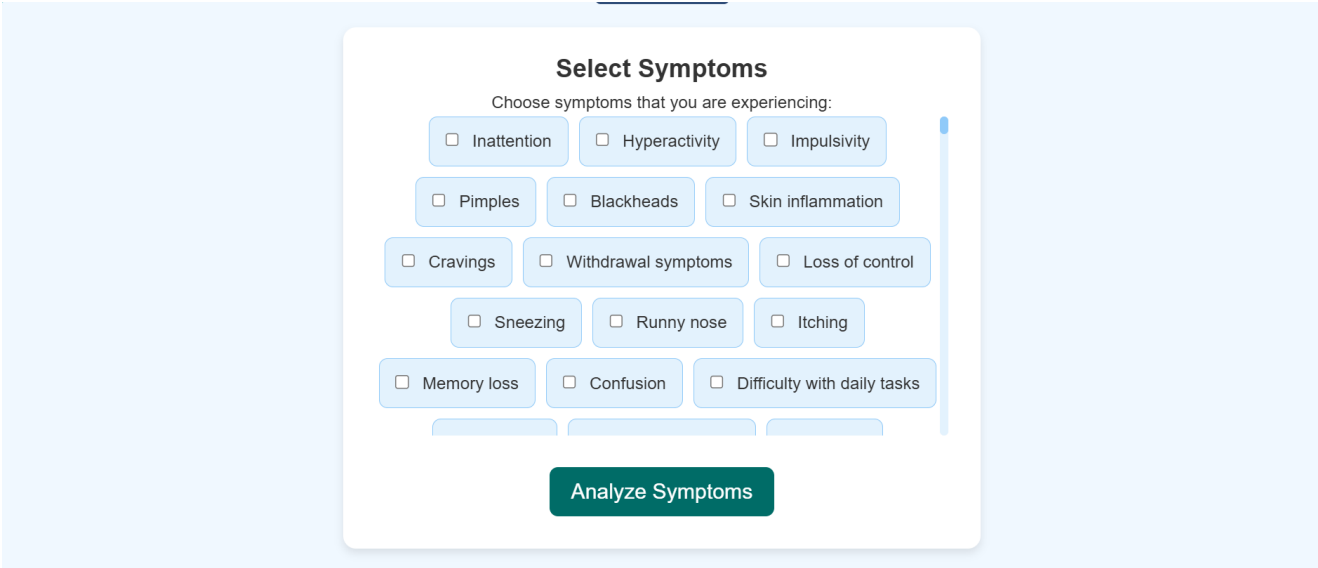
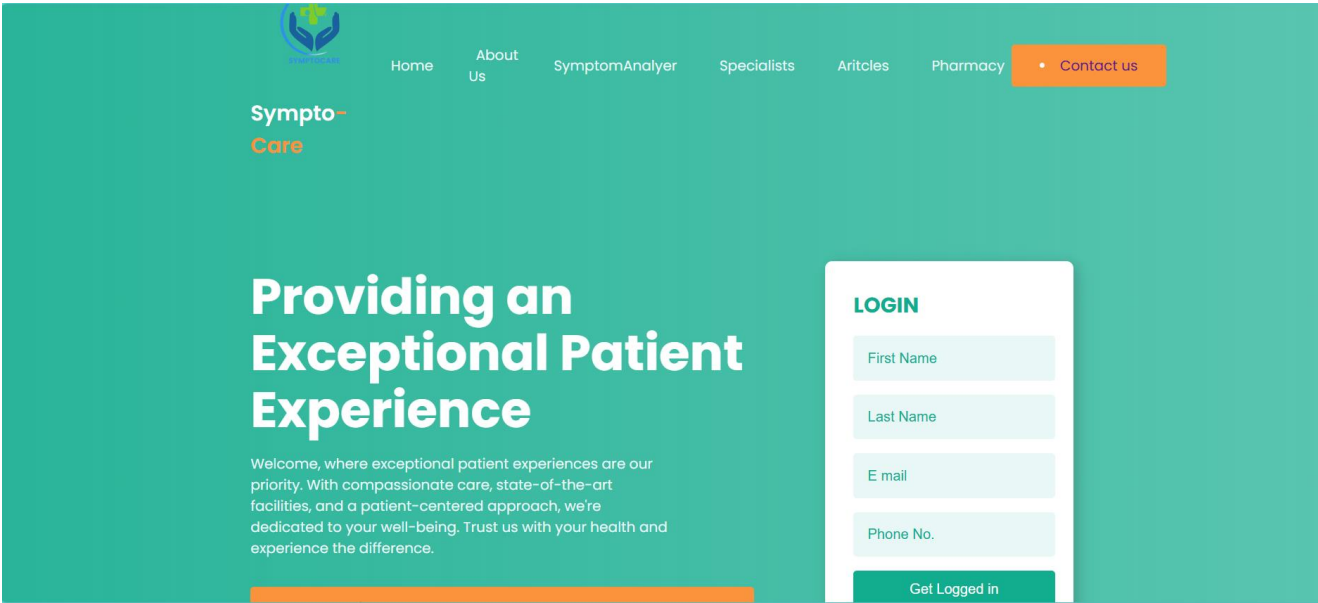
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link
      href="https://cdn.jsdelivr.net/npm/remixicon@3.4.0/fonts/remixicon.css"
      rel="stylesheet"
    />
    <link rel="stylesheet" href="styles.css" />
    <title>Web Design Mastery | HealthCare</title>
    <script>
      document.addEventListener("DOMContentLoaded", () => {
        const loginForm = document.querySelector(".header__form form");
        const loggedInContent = document.querySelector(".logged-in-content");
        const userNameDisplay = document.getElementById("user-name");
        const logoutBtn = document.getElementById("logout-btn");
        loginForm.addEventListener("submit", (e) => {
          e.preventDefault();
          const firstName = loginForm.querySelector("input[placeholder='First Name']").value;
          const lastName = loginForm.querySelector("input[placeholder='Last Name']").value;
          const email = loginForm.querySelector("input[placeholder='E mail']").value;
          const phone = loginForm.querySelector("input[placeholder='Phone No.']").value;
          if (firstName && lastName && email && phone) {
            document.querySelector(".header__form").style.display = "none";
            loggedInContent.style.display = "block";
            userNameDisplay.textContent = `${firstName} ${lastName}`;
            alert(`Welcome, ${firstName} ${lastName}! You have successfully logged in.`);
          } else {
            alert("Please fill in all the fields.");
          }
        });
        logoutBtn.addEventListener("click", () => {
          alert("You have successfully logged out.");
          loggedInContent.style.display = "none";
          document.querySelector(".header__form").style.display = "block";
          loginForm.reset();
        });
      });</script></head><body>
  <header>
    <nav class="section__container nav__container">
      <div class="nav__logo">
        Sympto<span>-
Care</span></div>
        <ul class="nav__links">
          <li class="link"><a href="#home">Home</a></li>
          <li class="link"><a href="#about">About Us</a></li>
          <li class="link"><a href="Symptom.html">SymptomAnalyer</a></li>
          <li class="link"><a href="types_of_doctors.html">Specialists</a></li>
          <li class="link"><a href="article.html">Articles</a></li>
        </ul>
      </div>
    </nav>
  </header>
</body>
</html>
```

```

    <li class="link"><a href="pharma.html">Pharmacy</a></li></li></ul>
    <li class="btn"><a href="contact.html">Contact us</a></li></nav>
<div class="section__container header__container" id="home">
    <div class="header__content">
        <h1>Providing an Exceptional Patient Experience</h1>
        <p>Welcome, where exceptional patient experiences are our priority.
        With compassionate care, state-of-the-art facilities, and a
        patient-centered approach, we're dedicated to your well-being. Trust
        us with your health and experience the difference.</p>
        <li class="btn"><a href="services.html">See Services</a></li>
    </div><div class="header__form">
        <form><h4>LOGIN</h4>
        <input type="text" placeholder="First Name" />
        <input type="text" placeholder="Last Name" />
        <input type="text" placeholder="E mail" />
        <input type="text" placeholder="Phone No." />
        <button class="btn form__btn">Get Logged in </button></form></div></div>
</header><section class="section__container about__container" id="about">
    <div class="about__content">
        <h2 class="section__header">About Us</h2>
        <p>Welcome to our healthcare website, your one-stop destination for
        reliable and comprehensive health care information. We are committed
        to promoting wellness and providing valuable resources to empower you
        on your health journey.</p>
        <p>Explore our extensive collection of expertly written articles and
        guides covering a wide range of health topics. From understanding
        common medical conditions to tips for maintaining a healthy lifestyle,
        our content is designed to educate, inspire, and support you in making
        informed choices for your health.</p>
        <p>Discover practical health tips and lifestyle advice to optimize your
        physical and mental well-being. We believe that small changes can lead
        to significant improvements in your quality of life, and we're here to
        guide you on your path to a healthier and happier you.</p>
    </div><div class="about__image">
        <br>
        </div>
</section>
</div>
<div>
<div class="section__container footer__container">
    <div class="footer__col">
        <h3>Health<span>Care</span></h3>
        <p>We are honored to be a part of your healthcare journey and committed
        to delivering compassionate, personalized, and top-notch care every
        step of the way.</p>
        <p>Trust us with your health, and let us work together to achieve the
        best possible outcomes for you and your loved ones.</p></div>
    <div class="footer__col">
        <h4>About Us</h4>
        <p>Home</p>
        <p>About Us</p>
        <p>Pharmacy</p>
        <p>Articles</p>
        <p>Terms & Conditions</p></div>
    <div class="footer__col">

```


DESIGN:



Health Articles

The Rise of Preventive Healthcare: How Indians Are Embracing Wellness

[Read More](#)

Ayurveda and Modern Medicine: Integrating the Best of Both Worlds

[Read More](#)

Mental Health Awareness: Breaking the Stigma in India

[Read More](#)

Plant-Based Diets: The New Health Trend in Urban India

[Read More](#)

India's Battle

The Role of

Shop by Category

VITAMINS



ORTHOPAEDICS



FEMININE HYGIENE



Sympto-Care

Pharmacy

Browse diseases and find related drugs by alphabetical order.



Complete Your Payment

Choose a Payment Method

UPI



☐ Amazon Pay UPI



☐ PhonePe



☐ Other UPI Apps (Google Pay, Paytm, etc.)

Credit & Debit Cards



☐ Add a new credit or debit card

More Ways to Pay



☐ Amazon Pay Balance

CONCLUSION:

Sympto-Care is an innovative platform designed to enhance healthcare accessibility and efficiency by integrating multiple services into a single solution. It features a **Symptom Analyzer** that maps symptoms to potential diseases and suggests the appropriate type of specialist for consultation. Additionally, the platform provides a detailed **Specialists'** profiles, allowing users to book appointments and access directions to their clinics via Google Maps.

The **Pharmacy Module** enables users to purchase medicines for A-Z diseases and explore other categories like vitamins, fitness products, and feminine hygiene items. With a secure shopping cart and multiple payment options, it ensures a seamless purchasing experience. Furthermore, **Sympto-Care** includes a curated section of trending health articles to keep users informed and educated. This unified approach bridges critical gaps in healthcare management, empowering users to make informed decisions quickly and conveniently.

Future enhancements could include multilingual support, AI-driven symptom analysis, and a mobile app to extend accessibility further. **Sympto-Care** sets a strong foundation for transforming healthcare through technology.