A Project Report on

“Online Doctor Appointment System”

A Report submitted to

“Blackbuck Engineers Pvt. Ltd”

Submitted by-

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Acknowledgement

We extend our heartfelt appreciation to Blackbucks Academy and Malathi Madam for their invaluable training and mentorship in MERN Stack Development. Their expertise and guidance have been instrumental in equipping our team with the skills needed to bring project into a successful one.

We are also deeply thankful to the Jyothi Madam, our college principal for providing us with the opportunity to undertake this training. Your support, dedication to our career growth and belief in our vision has been crucial in turning this endeavor into a reality.

This project would not have been possible without the knowledge and oppurtunities provided by Blackbucks Academy, the guidance of Malathi Madam, and the trust and support of Jyothi Madam. We are sincerely grateful for their contributions to the success of our project on “Online Doctor Appointment System”.

ABSTRACT

Title:

Enhancing Healthcare Access through Digital Innovation:

A Comprehensive Analysis of Online Doctor Appointment System

Abstract:

The advent of digital technologies has catalyzed a paradigm shift in the healthcare landscape, offering unprecedented opportunities to improve accessibility, efficiency, and patient outcomes. Among these innovations, digital doctor appointment systems have emerged as a cornerstone in enhancing healthcare access and optimizing resource utilization. This abstract provides a comprehensive analysis of digital doctor appointment systems, focusing on their role in transforming the patient-provider relationship and reshaping healthcare delivery models.

Digital doctor appointment systems empower patients with the autonomy to schedule, modify, and cancel appointments seamlessly through intuitive online platforms or mobile applications. By removing barriers associated with traditional appointment scheduling processes, such as geographical constraints and time limitations empower patients to proactively engage in their healthcare management. Moreover, they enable healthcare providers to efficiently allocate resources, minimize appointment scheduling conflicts and prioritize patient care, based on clinical urgency.

Furthermore, digital doctor appointment systems facilitate real-time communication and information exchange between patients and healthcare providers, fostering continuity of care and patient engagement. Through automated reminders, notifications, and personalized health information dissemination promote adherence to treatment plans and preventive healthcare measures. Additionally, integration with electronic health records (EHRs) ensures the seamless flow of patient data, enabling healthcare providers to make informed clinical decisions and deliver personalized care.

Conclusion:

Digital doctor appointment systems represent a transformative force in modernizing healthcare delivery, bridging the gap between patients and providers, and improving healthcare access and quality. As healthcare continues to evolve in the digital age, the integration of innovative technologies into care delivery processes will be paramount in achieving patient-centered, cost-effective, and sustainable healthcare systems.

Alisha S

21231013018

Introduction

In an increasingly digitalized world, where convenience and accessibility are paramount, the "Online Doctor Appointment System" emerges as a transformative solution poised to revolutionize the way individuals engage with healthcare providers. This innovative web-based platform represents a paradigm shift in healthcare delivery, offering patients unprecedented flexibility and convenience in scheduling and managing their medical appointments.

Traditionally, booking a doctor's appointment often involves navigating through cumbersome phone systems, enduring long wait times, and facing scheduling conflicts due to limited availability. The "Online Doctor Appointment System" aims to address these challenges by providing a seamless and user-friendly interface that allows patients to schedule appointments with just a few clicks, anytime and anywhere.

At the heart of the system lies its intuitive and feature-rich interface, designed with the end-user in mind. Patients can easily search for healthcare providers based on various criteria such as specialty, location, availability, and patient reviews, empowering them to find the right provider to meet their unique needs.

As society continues to embrace digital innovation in healthcare, the "Online Doctor Appointment System" stands at the forefront of this evolution, driving positive change and transforming the patient experience. With its emphasis on convenience, accessibility, and patient-centricity, the system embodies the future of healthcare delivery, empowering individuals to take greater control of their health journey while revolutionizing the way healthcare services are accessed and delivered.

Advantages:

- Convenience
- Accessibility
- Time-saving
- Improved Patient Engagement
- Enhanced Communication

Disadvantages:

- Technological Barriers
- Data Security Concerns
- Dependency on Internet Connectivity
- Loss of Personal Interaction
- Potential for User Error

Software and Hardware Requirements

Software Requirements:

1. Coding languages-
   - HTML
   - CSS
   - JavaScript
   - Bootstrap
2. Web Browsers-
   - Google Chrome (Mostly used)
   - Mozilla Firefox
   - Microsoft Edge
3. Text Editor or Integrated Development Environment (IDE)-
   - Text Editor like Notepad (instead of Software installation)
   - Visual Studio Code (VSC)

Hardware Requirements:

1. Minimum Server Requirements-
   The server's hardware specifications will depend on the expected traffic and complexity of the website. As a general guideline, consider at least-
   - 1 GB RAM
   - 1 CPU Core
   - Sufficient storage space for the database and website files.
2. Client Devices-
   Ensure that the website is designed to be accessible on various client devices, including desktops, laptops, tablets and smart phones.
3. Internet Connection-
   A stable internet connection is necessary for development, deployment and testing.

Motivation

The motivation behind the development of the "Online Doctor Appointment System" stems from the recognition of the inefficiencies and challenges inherent in traditional methods of scheduling medical appointments. In today's digital age, where technology has permeated every aspect of our lives, there is a growing expectation for seamless and convenient access to services, including healthcare.

Traditional appointment scheduling processes often involve long wait times on the phone, difficulty in finding available appointment slots, and manual paperwork. These inefficiencies not only inconvenience patients but also strain healthcare providers' resources and contribute to suboptimal patient experiences.

The "Online Doctor Appointment System" seeks to address these challenges by leveraging technology to modernize the appointment scheduling process. By providing patients with a user-friendly platform to book appointments online, the system aims to improve access to healthcare services, reduce wait times, and enhance overall patient satisfaction.

Furthermore, the system recognizes the importance of patient empowerment and engagement in managing their healthcare needs. By enabling patients to take an active role in scheduling their appointments and providing feedback on their experiences, the system fosters a collaborative and patient-centric approach to healthcare delivery.

Ultimately, the motivation behind the "Online Doctor Appointment System" is to harness the power of technology to streamline healthcare processes, improve patient outcomes, and enhance the overall quality of healthcare delivery.

Literature Review

1. Evolution of Appointment Scheduling Systems:

Overview of the historical development of appointment scheduling systems in healthcare. Examination of traditional methods such as phone-based scheduling and in-person appointments. Discussion of the transition towards digital solutions and the emergence of online appointment scheduling systems.

2. Benefits of Online Appointment Scheduling:

Analysis of the advantages offered by online appointment scheduling systems for both patients and healthcare providers. Exploration of studies highlighting improvements in efficiency, accessibility, and patient satisfaction associated with online scheduling. Discussion of how online systems contribute to reducing wait times, minimizing administrative burdens, and enhancing communication between patients and providers.

3. Patient Preferences and Adoption of Online Services:

Examination of patient preferences and attitudes towards online appointment scheduling. Review of studies exploring factors influencing patient adoption of online healthcare services, including convenience, accessibility, and perceived benefits. Analysis of demographic factors that may impact patient engagement with online appointment scheduling platforms.

4. Challenges and Considerations in Online Appointment Systems:

Identification of challenges and barriers associated with the implementation and adoption of online appointment scheduling systems. Discussion of technological barriers, privacy concerns, and disparities in internet access that may affect the usability and effectiveness of online systems. Exploration of strategies to address these challenges and enhance the usability and accessibility of online appointment scheduling platforms.

5. Impact on Healthcare Delivery and Patient Outcomes:

Assessment of the impact of online appointment scheduling systems on healthcare delivery processes and patient outcomes. Review of studies examining changes in appointment adherence, patient satisfaction, and healthcare utilization following the implementation of online scheduling solutions. Discussion of potential implications for healthcare policy, resource allocation, and patient-centered care models.

6. Future Directions and Research Opportunities:

Identification of gaps in current literature and areas for future research in online appointment scheduling. Exploration of potential advancements in technology, such as mobile applications, artificial intelligence, and telemedicine integration, that may further enhance the functionality and effectiveness of online scheduling systems. Discussion of opportunities for collaboration between researchers, healthcare providers, and policymakers to optimize the design and implementation of online appointment scheduling solutions.

Existing System

The existing system for doctor appointment scheduling typically relies on traditional methods such as phone calls, in-person visits, or manual appointment books maintained by healthcare providers. Patients often need to contact the healthcare facility during business hours to schedule an appointment, which can result in long wait times on hold and limited availability. Additionally, healthcare providers may face challenges in managing appointment schedules manually, leading to scheduling errors, overbooking, and inefficiencies in resource allocation.

Challenges with the Existing System:

- Long wait times for patients trying to schedule appointments over the phone.
- Limited availability of appointments, particularly during peak hours or for specialized services.
- Administrative burdens on healthcare providers in managing appointment schedules manually.
- Potential for scheduling errors, overbooking, and missed appointments.

Proposed System

The proposed "Online Doctor Appointment System" aims to address the shortcomings of the existing system by introducing a digital platform for appointment scheduling and management. This web-based system provides patients with the ability to schedule appointments online, at their convenience, without the need for phone calls or in-person visits. Healthcare providers have access to a centralized dashboard where they can manage appointment schedules, view patient information, and communicate with patients.

Key Features of the Proposed System:

- User-Friendly Interface
- Real-Time Availability
- Automated Reminders
- Secure Data Storage
- Provider Dashboard

Implementation:

- HTML, CSS and JavaScript:
  Build the user interface using these fundamental web technologies for layout, styling and interactivity.
- Responsive Design:
  Ensure the website is responsive to different screen sizes and devices.
- Bootstrap:
  Utilize Bootstrap or similar frameworks for a responsive and consistent design.
- Client-Side Frameworks:
  Consider using JavaScript frameworks like React.js or Vue.js for dynamic user interfaces.

Challenges Faced:

System Testing:

Software testing is an important element of software quality assurance and represents the ultimate review of specification, design and coding. It increasing visibility of software as a system element and the costs associates with a software failure are motivating forces for all well planned through testing. The system is tested with giving wrong information. Cascade deletion and the software developer checks updating. Testing and debugging are different activities, but debugging must be accommodated in any testing strategy.

Unit Testing:

Unit testing is the important and major part of the project. So errors can be rectified easily in each module and program clarity can be increased. In this project, the entire system is divided into several modules and is developed individually. Hence, unit testing is conducted to individual modules.

Integration Testing:

Integration Testing is the systematic technique for constructing the program structure while conducting tests to uncover errors associated with integrating. After the unit test, each module is gradually integrated to form one final system. All the modules when unit tested will work properly but after integrating the data can cause error one module can have an inadvertent, adverse effect on another; sub functions when combined may not produce the desired major function; global data structures can cause problems, etc. In this project the integration testing is performed by combing login, civil registration and status modules are generated the report.

Performance Testing:

A type of Physical test covering a wide range of engineering or functional evaluations where a material, product, or system is not specified by detailed material or component specifications: rather, emphasis is on the final measurable performance characteristics. Testing can be a qualitative or quantitative procedure.

Acceptance testing:

The User Acceptance testing focuses mainly on the functionality thereby validating the fitness-for-use of the system by the business user. The user acceptance test is performed by the users and application managers.

Test Results:

All the test cases mentioned above passed successfully. No defects encountered.

Coding

Home.html-

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Favas Health</title>
   <link rel="stylesheet" href="HomeStyles.css">
</head>
<body class="home-page">
   <header>
      <a href="Home.html"><img id="Favas" src="Favas2.png" height="50px" alt="Favas logo"></a>
     <a href="#" onclick="displayPrompt()"><img id="Num" src="Contact No..png" height=50px alt="Phone No."></a>
      <nav class="navbar">
   <a href="Home.html">Home</a>
   <a href="Doctors.html">Doctors</a>
   <a href="Appointment.html">Appointment</a>
   <a href="App.html">Get the App</a>
      </nav>
  </header>
<div class="welcome-message">
      <h1>Welcome to Favas Healthcare</h1>
      <p>Screen Regularly, Live Healthy</p>
   </div>
<div class="features">
```

```
    <div class="feature">
      <img src="Docs.png" alt="Experts">
      <h3>Expert Doctors</h3>
      <p>Get access to highly skilled doctors specializing in various fields of medicine.</p>
    </div>
    <div class="feature">
      <img src="Facs.png" alt="Facilities">
      <h3>State-of-the-Art Facilities</h3>
      <p>Experience top-notch healthcare facilities equipped with the latest medical technologies.</p>
    </div>
    <div class="feature">
      <img src="Care.png" alt="Care">
      <h3>Personalized Care</h3>
      <p>Receive personalized care tailored to your specific health needs and concerns.</p>
    </div></div>
<div class="health-tips">
    <h2>Health Tips</h2>
    <ul>
      <li>Stay hydrated by drinking plenty of water throughout the day.</li>
      <li>Aim to get at least 7-9 hours of quality sleep each night for optimal health.</li>
      <li>Incorporate regular exercise into your routine, such as walking, jogging, or yoga, to stay active and maintain a healthy weight.</li>
      <li>Eat a balanced diet rich in fruits, vegetables, whole grains, lean proteins, and healthy fats to fuel your body with essential nutrients.</li>
      <li>Practice good hygiene habits, such as washing your hands regularly and covering your mouth and nose when sneezing or coughing, to prevent the spread of germs.</li>
      <li>Manage stress through relaxation techniques like deep breathing, meditation, or spending time outdoors.</li>
```

<li>Limit your intake of processed foods, sugary snacks, and sugary beverages to support overall health and well-being.</li>

<li>Schedule regular health check-ups and screenings with your healthcare provider to monitor your health and detect any potential issues early.</li>

<li>Practice sun safety by wearing sunscreen, protective clothing, and sunglasses when spending time outdoors to prevent skin damage and reduce the risk of skin cancer.</li>

<li>Take breaks from screens and electronic devices to reduce eye strain and promote better sleep quality.</li>

</ul>

<h2>Insurance Information</h2>

We accept a wide range of insurance providers. Contact us for more information.

<h2>What Our Patients Say</h2>

"I had an excellent experience at Favas Health. The doctors are caring and knowledgeable, and the facilities are top-notch. I highly recommend it!"

- John Doe

"The personalized care I received at Favas Health made a real difference in my health journey. I'm grateful for their expertise and support."

- Jane Smith

"Favas Health exceeded my expectations. The staff was friendly, and the treatment I received was effective. I wouldn't hesitate to return."

```
        <p class="testimonial-author">- David Johnson</p>
    </div>
    <div class="testimonial">
        <p>"I've been a patient at Favas Health for years, and I've always received top-notch care. I trust their team with my health."</p>
        <p class="testimonial-author">- Sarah Wilson</p>
    </div>
  </div>
<div class="health-resources">
    <h2>Stay Connected to Your Health</h2>
    <ul>
        <li><a href="https://www.cdc.gov/">Centers for Disease Control and Prevention (CDC)</a><br>Provides information on diseases, health threats, and public health policies.</li>
        <li><a href="https://www.nih.gov/">National Institutes of Health (NIH)</a><br>Conducts and supports medical research to improve health and save lives.</li>
        <li><a href="https://www.webmd.com/">WebMD</a><br>Offers health information, medical news, and expert advice on various health topics.</li>
        <li><a href="https://www.mayoclinic.org/">Mayo Clinic</a><br>Provides reliable health information, medical services, and expert advice.</li>
        <li><a href="https://www.medlineplus.gov/">MedlinePlus</a><br>Offers trusted health information from the National Library of Medicine.</li>
        <li><a href="https://www.who.int/">World Health Organization (WHO)</a><br>Coordinates international public health efforts and provides health guidance and data.</li>
    </ul>
  </div>
  <footer>
    <p>All rights reserved &reg; <br> Made with &hearts; FAVAS Copyrights &copy; 2024 </p>
  </footer>
   <script src="Script.js"></script>
```

```
</body>
</html>
```

HomeStyles.css-

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
#Favas {
    float: left;
    padding: 7px;
}
#Num {
    float: right;
    padding: 7px;
}
header {
    background-color: #33D6D5;
    padding: 10px;
    width: 100%;
    position: fixed;
    top: 0;
    z-index: 1000;
}
.navbar {
    background-color: #33D6D5;
    display: flex;
```

```
    justify-content: center;
    font-size:20px;
}
.navbar a {
    color: white;
    text-decoration: none;
    padding: 10px 20px;
    margin: 0 10px;
    border-bottom: 2px solid transparent;
}
.navbar a:hover {
    border-bottom-color: #fff;
}
 body {
background-image:
url('https://static.vecteezy.com/system/resources/previews/000/113/975/non_2x/medical-free-vector-background-with-heart-monitor.jpg');
background-repeat: no-repeat;
background-size: cover;
background-position: center;
padding-top: 30px;
}
.welcome-message {
    text-align: center;
    margin: 50px 0;
    font-size: 24px;
}
h1 {
```

```
color: #4d4dff;
}
.welcome-message p {
color:#ff33bb;
}
.features {
   display: flex;
    justify-content: space-around;
    margin-bottom: 50px;
}
.feature {
    text-align: center;
    width: 30%;
}
.feature img {
     width: 300px;
     height: 200px;
     margin-bottom: 20px;
     transition: transform 0.3s ease;
}
.feature img:hover {
   transform: scale(1.1);
}
.feature h3 {
     font-size: 20px;
     color: #ff1a75;
}
```

```
.feature p {
     font-size: 16px;
     color: #666;
}
.health-resources {
    margin: 50px 0;
    margin-bottom: 70px;
    text-align: center;
}
.health-resources h2 {
    font-size: 24px;
    color: #ff33bb;
    margin-bottom: 20px;
}
.health-resources ul {
    list-style: none;
    padding: 0;
}
.health-resources li {
    margin-bottom: 16px;
}
.health-resources a {
    color: #007bff;
    text-decoration: none;
    transition: color 0.3s ease;
}
.health-resources a:hover {
```

```
    text-decoration: underline;
    color: #ff6b6b;
}
.insurance-info {
    margin: 50px 0;
    text-align: center;
}
.insurance-info h2 {
    font-size: 24px;
    color: #ff33bb;
    margin-bottom: 20px;
}
.insurance-info p {
    font-size: 16px;
    color: #666;
}
.testimonials {
        text-align: center;
        margin-bottom: 40px;
}
 h2 {
    margin-bottom: 20px;
    color: #ff33bb;
}
.testimonial {
        border: 2px solid #ffff1a;
        padding: 20px;
```

```
        margin: 0 auto;
        width: 60%;
        background-color: #ffffcc;
        transition: transform 0.3s ease;
}
.testimonial p {
       font-style: italic;
       font-size: 18px;
       color: #ff1a75;
}
.testimonial-author {
      margin-top: 20px;
      font-weight: bold;
      color: #007bff;
}
.testimonial:hover {
    transform: scale(1.1);
}
.health-tips {
     margin: 50px 0;
    text-align: center;
}
.health-tips h2 {
    font-size: 24px;
    color: #ff33bb;
     margin-bottom: 20px;
}
```

```
.health-tips ul {
    list-style: none;
    padding: 0;
}
.health-tips li {
    font-size: 16px;
    color: #666;
    margin-bottom: 10px;
    margin-left: 40px;
    text-align: left;
    transition: transform 0.3s ease;
}
.health-tips li:hover {
    transform: scale(1.05);
}
.health-tips li:before {
    content: "\2022";
    color: #007bff;
    display: inline-block;
    width: 1em;
    margin-left: -1em;
}
footer {
    background-color: #33D6D5;
    color: #fff;
    text-align: center;
    padding: 10px;
```

```
    width: 100%;
    position: fixed;
    bottom: 0;
}
```

Doctors.html-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Favas Health</title>
    <link rel="stylesheet" href="DoctorsStyles.css">
</head>
<body class="doctors-page">
    <header>
        <a href="Home.html"><img id="Favas" src="Favas2.png" height=50px alt="Favas logo"></a>
        <a href="#" onclick="displayPrompt()"><img id="Num" src="Contact No..png" height=50px alt="Phone No."></a>
      <nav class="navbar">
    <a href="Home.html">Home</a>
    <a href="Doctors.html">Doctors</a>
    <a href="Appointment.html">Appointment</a>
    <a href="App.html">Get the App</a>
       </nav>
   </header>
<div class="doctor-boxes">
<div class="doctor-box">
```

<img src="1.png" alt="Dr. Alisha">

<h3> Dr. Alisha</h3>

<h4>Psychiatrist</h4>

<h5>MD Psychiatry</h5>

A psychiatrist is a medical doctor specializing in diagnosing, treating, and preventing mental illnesses such as depression, anxiety, and schizophrenia. They are trained to provide medication management, psychotherapy, and other treatments to help individuals manage their mental health conditions and improve their overall well-being.

<img src="2.png" alt="Dr. Shyni">

<h3>Dr. Hari Priya</h3>

<h4>Pediatrician</h4>

<h5>MD Paediatrics</h5>

A pediatrician is a medical doctor who specializes in providing healthcare for infants, children, and adolescents. They diagnose and treat a wide range of medical conditions specific to these age groups, including routine check-ups, vaccinations, acute illnesses, and chronic conditions, with a focus on promoting healthy growth and development.

<img src="3.png" alt="Dr. Vanaja">

<h3>Dr. Vanaja</h3>

<h4>Physiotherapist </h4>

<h5>B.Sc.Physiotherapy</h5>

A physiotherapist is a healthcare professional specializing in restoring movement and function through exercise, manual therapy, and other techniques. They help patients recover from injuries, manage chronic conditions, and improve physical well-being, playing a vital role in rehabilitation and promoting overall health and mobility.

```
<img src="4.png" alt="Dr. Afreen">

<h3>Dr. Afreen</h3>

<h4>Physician</h4>

<h5>MBBS, MD</h5>

<p>A physician is a medical professional trained to diagnose, treat, and prevent various illnesses and injuries. They may specialize in fields such as internal medicine, family medicine, pediatrics, or surgery, providing primary, specialty, and emergency care to patients while emphasizing preventive measures and holistic health approaches.</p>

</div>

<div class="doctor-box">

<img src="5.png" alt="Dr. Fathima">

<h3>Dr. Fathima</h3>

<h4>Surgeon</h4>

<h5>MBBS, MS</h5>

<p>A surgeon is a medical doctor specializing in performing surgical procedures to treat diseases, injuries, and abnormalities. They possess advanced surgical skills and expertise in specific surgical specialties, working to improve patient health and outcomes through precise and often life-saving interventions.</p>

</div></div>

<footer>

    <p>All rights reserved &reg; <br> Made with &hearts; FAVAS Copyrights &copy; 2024 </p>

</footer>

   <script src="Script.js"></script>

</body>

</html>
```

DoctorsStyles.css-

```
* {

   margin: 0;

   padding: 0;

   box-sizing: border-box;
```

```
}
#Favas {
   float: left;
   padding: 7px;
}
#Num {
   float: right;
   padding: 7px;
}
header {
   background-color: #33D6D5;
   padding: 10px;
   width: 100%;
   position: fixed;
   top: 0;
   z-index: 1000;
}
.navbar {
   background-color: #33D6D5;
   display: flex;
   justify-content: center;
   font-size:20px;
}
.navbar a {
   color: white;
   text-decoration: none;
   padding: 10px 20px;
```

```
    margin: 0 10px;
    border-bottom: 2px solid transparent;
}
.navbar a:hover {
    border-bottom-color: #fff;
}
.doctors-page {
padding-top:90px;
background-image: url('https://img.freepik.com/free-vector/medical-technology-science-background-vector-blue-with-blank-space_53876-117739.jpg');
color: #fff;
}
.doctor-boxes p {
    font-family: "Open Sans", sans-serif;
    font-size: 14px;
    color: #b3ffb3;
}
h3 {
    font-size: 22px;
    color: #1aff1a;
}
h4 {
    font-size: 18px;
    color: #4dff4d;
}
h5 {
    font-size: 16px;
```

```
    color: #80ff80;
}
.doctor-box {
border: 2px solid #ccc;
padding: 20px;
margin: 10px;
width: 200px;
flex: 1;
transition: transform 0.3s ease;
}
.doctor-box:hover {
transform: scale(1.1);
}
.doctor-boxes {
display: flex;
flex-wrap: wrap;
margin-bottom: 70px;
}
.doctor-box img {
max-width: 100%;
height: auto;
}
footer {
    background-color: #33D6D5;
    color: #fff;
    text-align: center;
    padding: 10px;
```

```
    width: 100%;
    position: fixed;
    bottom: 0;
}
```

Appointment.html-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Favas Health</title>
    <link rel="stylesheet" href="AppointmentStyles.css">
</head>
<body class="appointment-page">
    <header>
        <a href="Home.html"><img id="Favas" src="Favas2.png" height=50px alt="Favas logo"></a>
        <a href="#" onclick="displayPrompt()"><img id="Num" src="Contact No..png" height=50px alt="Phone No."></a>
    <nav class="navbar">
    <a href="Home.html">Home</a>
    <a href="Doctors.html">Doctors</a>
    <a href="Appointment.html">Appointment</a>
    <a href="App.html">Get the App</a>
       </nav>
    </header>
<div id="Form">
<h1>Book your Appointment now</h1><br>
```

```
<form id="myForm">
        <label for="Name">Your Name:</label><br>
          <input type="text" id="Name" placeholder="Enter your name" required><br>
       <label for="Number">Your Mobile Number:</label><br>
          <input type="text" id="Number" placeholder="Enter your mobile number" pattern="[0-9]{10}"
title="Please enter your mobile number" required><br>
        <label for="age">Your Age:</label><br>
          <input type="number" id="age" placeholder="Enter your age"required><br>
        <label for="gender">Your Gender:</label>
           <select id="gender" required>
              <option value="">Select Gender</option>
              <option value="Male">Male</option>
              <option value="Female">Female</option>
              <option value="Other">Prefer not to say</option>
           </select><br>
        <label for="reason">Reason for Appointment:</label><br>
          <textarea id="reason" placeholder="Enter your reason"></textarea><br>
        <label for="Email">Your Email ID:</label><br>
           <input type="email" id="Email" placeholder="Enter your email id" required><br>
        <input type="submit" value="Get Instant Call back">
</form>
</div>
<footer>
    <p>All rights reserved &reg; <br> Made with &hearts; FAVAS Copyrights &copy; 2024 </p>
</footer>
   <script src="Script.js"></script>
</body>
```

```
</html>
```

AppointmentStyles.css-

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
#Favas {
    float: left;
    padding: 7px;
}
#Num {
    float: right;
    padding: 7px;
}
h1 {
text-align:center;
font-family:'Open Sans',sans-serif;
}
input[type="text"], input[type="number"], input[type="email"], textarea {
    width: 100%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 5px;
    box-sizing: border-box;
}
```

```
#gender {
padding:4px;
}
label {
    font-weight: bold;
}
input[type="submit"] {
    background-color: #ff0000;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
#Form {
   width: 25%;
   margin-right: 100px;
   padding: 20px;
   max-width: 400px;
   margin-left: auto;
}
.appointment-page {
   background-image:
url('https://t3.ftcdn.net/jpg/02/94/43/12/360_F_294431234_Y0f2i95uU4d0CfsejxbK7foZ9fdlGvRf.jpg');
   background-size: 100vw 110vh;
   background-position:center;
   padding-top: 80px;
```

```
    background-repeat: no-repeat;
    display: flex;
    flex-direction: column;
    min-height: 100vh;
    margin: 0;
}
header {
    background-color: #33D6D5;
    padding: 10px;
    width: 100%;
    position: fixed;
    top: 0;
    z-index: 1000;
}
.navbar {
    background-color: #33D6D5;
    display: flex;
    justify-content: center;
    font-size:20px;
}
.navbar a {
    color: white;
    text-decoration: none;
    padding: 10px 20px;
    margin: 0 10px;
    border-bottom: 2px solid transparent;
}
```

```
.navbar a:hover {
    border-bottom-color: #fff;
}
footer {
    background-color: #33D6D5;
    color: #fff;
    text-align: center;
    padding: 10px;
    bottom: 0;
    width: 100%;
    margin-top:auto;
}
```

App.html-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Favas Health</title>
    <link rel="stylesheet" href="AppStyles.css">
</head>
<body class="app-page">
    <header>
        <a href="Home.html"><img id="Favas" src="Favas2.png" height=50px alt="Favas logo"></a>
        <a href="#" onclick="displayPrompt()"><img id="Num" src="Contact No..png" height=50px alt="Phone No."></a>
      <nav class="navbar">
```

```
    <a href="Home.html">Home</a>
    <a href="Doctors.html">Doctors</a>
    <a href="Appointment.html">Appointment</a>
    <a href="App.html"> Get the App</a>
      </nav>
    </header>
<div id="App">
    <img src="Favas.png" alt="Favas App">
<div>
    <h2>Download the Favas App</h2>
    <p>Get &#8377;200 off on our Health Services</p>
<ul>
    <li>Video Consultation</li>
    <li>Instant Medicine Delivery</li>
    <li>Exclusive HealthCare Packages</li>
    <li>Get your queries clarified by experienced doctors</li>
</ul>
</div></div>
<footer>
     <p>All rights reserved &reg; <br> Made with &hearts; FAVAS Copyrights &copy; 2024 </p>
</footer>
    <script src="Script.js"></script>
</body>
</html>
```

AppStyles.css-

```
* {
    margin: 0;
```

```
    padding: 0;
    box-sizing: border-box;
}
#Favas {
    float: left;
    padding: 7px;
}
#Num {
    float: right;
    padding: 7px;
}
header {
    background-color: #33D6D5;
    padding: 10px;
    width: 100%;
    position: fixed;
    top: 0;
    z-index: 1000;
}
.navbar {
    background-color: #33D6D5;
    display: flex;
    justify-content: center;
    font-size:20px;
}
.navbar a {
    color: white;
```

```
    text-decoration: none;
    padding: 10px 20px;
    margin: 0 10px;
    border-bottom: 2px solid transparent;
}
.navbar a:hover {
    border-bottom-color: #fff;
}
.app-page {
    background-image:
url('https://static.vecteezy.com/system/resources/previews/009/213/272/non_2x/healthcare-and-medical-background-with-cardiogram-line-free-vector.jpg');
    background-position: center;
    background-repeat: no-repeat;
    display: flex;
    flex-direction: column;
    align-items: center;
    padding-top: 80px;
    color: #fff;
}
#App {
    display: flex;
    justify-content: center;
    align-items: center;
    padding: 50px 0;
    margin-top: 70px;
}
#App img {
```

```
    width: 200px;
    margin-right: 27px;
}
#App div {
    text-align: left;
}
#App h2 {
    font-size: 27px;
    margin-bottom: 10px;
}
#App p {
    font-size: 22px;
    margin-bottom: 20px;
}
#App ul {
    list-style-type: square;
    padding-left: 10px;
}
#App ul li {
    font-size: 17px;
    margin-bottom: 10px;
}
footer {
    background-color: #33D6D5;
    color: #fff;
    text-align: center;
    padding: 10px 0;
```

```
    width: 100%;
    position: fixed;
    bottom: 0;
}
```

Script.js-

```
document.getElementById('myForm').addEventListener('submit', function(event) {
    event.preventDefault();
var formData = {
     name: document.getElementById('Name').value,
     number: document.getElementById('Number').value,
     email: document.getElementById('Email').value
    };
if (formData.name && formData.number && formData.email) {
   alert('Form submitted successfully! You will get the call within 2 min, ' + formData.name + '!');
   document.getElementById('myForm').reset();
    }
else {
    alert('Please fill in all required fields.');
    }
});
document.addEventListener("DOMContentLoaded", function() {
    const links = document.querySelectorAll('.navbar a');
links.forEach(link => {
    link.addEventListener('click', function(event) {
       const currentUrl = window.location.href;
       const linkUrl = this.href;
if (currentUrl === linkUrl) {
```

```
            event.preventDefault();
            window.location.reload();
          }
       });
   });
});
function displayPrompt() {
         alert("In case of any emergency, Grab your mobile and Call the number");
       }
let slideIndex = 0;
showSlides();
function showSlides() {
  let slides = document.getElementsByClassName("slide");
  for (let i = 0; i < slides.length; i++) {
    slides[i].style.display = "none";
  }
  slideIndex++;
  if (slideIndex > slides.length) {slideIndex = 1}
  slides[slideIndex-1].style.display = "block";
  setTimeout(showSlides, 2000);
}
```

Output:

Fig-1: Home Page (1st Section)

Fig-2: Home Page (2nd and 3rd Section)

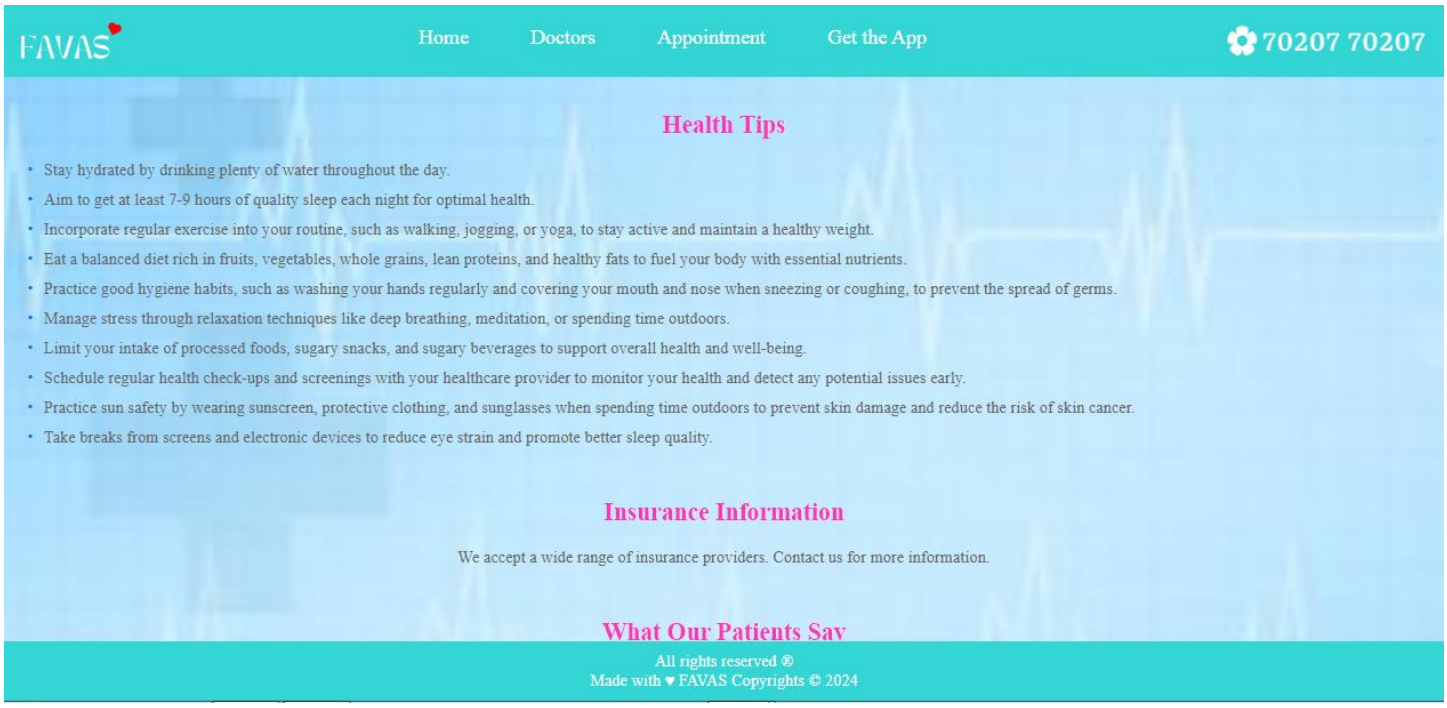


Fig-3: Home Page (4th Section)

Fig-4: Home Page (Last Section)

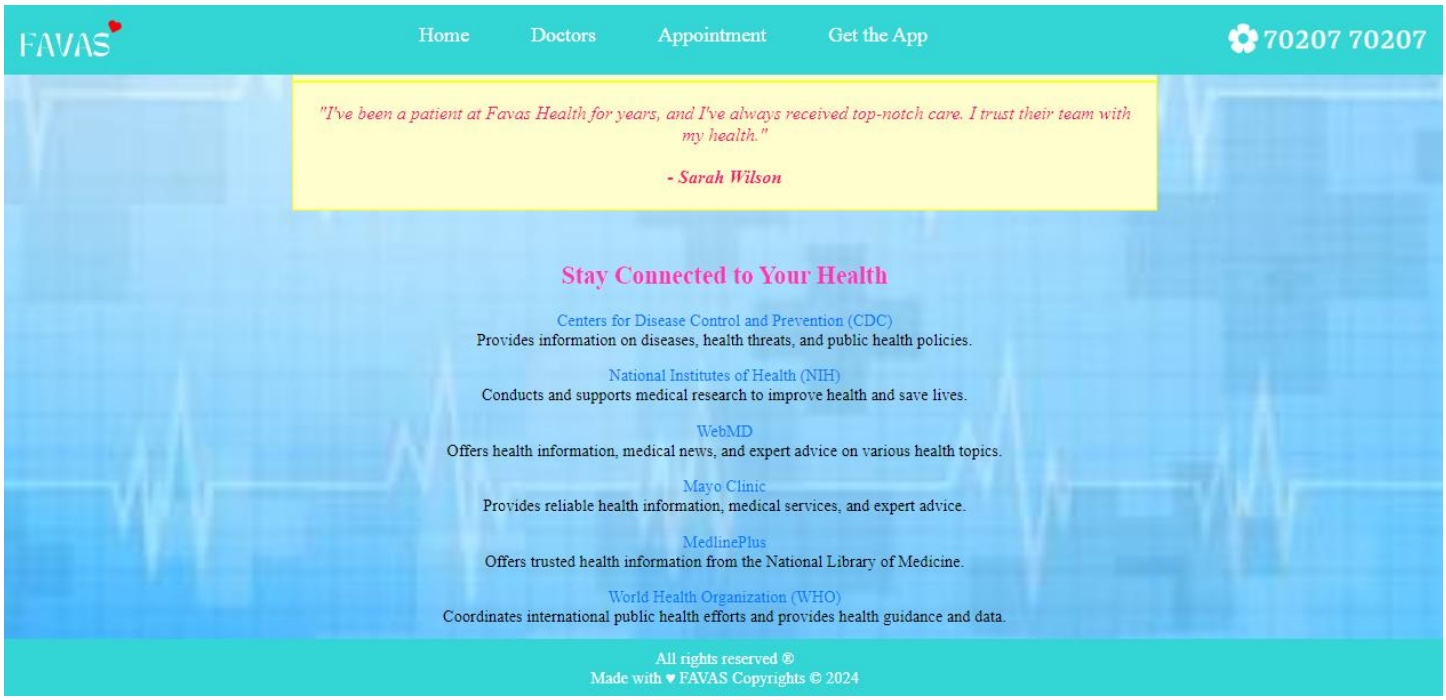


Fig-5: Doctors Page

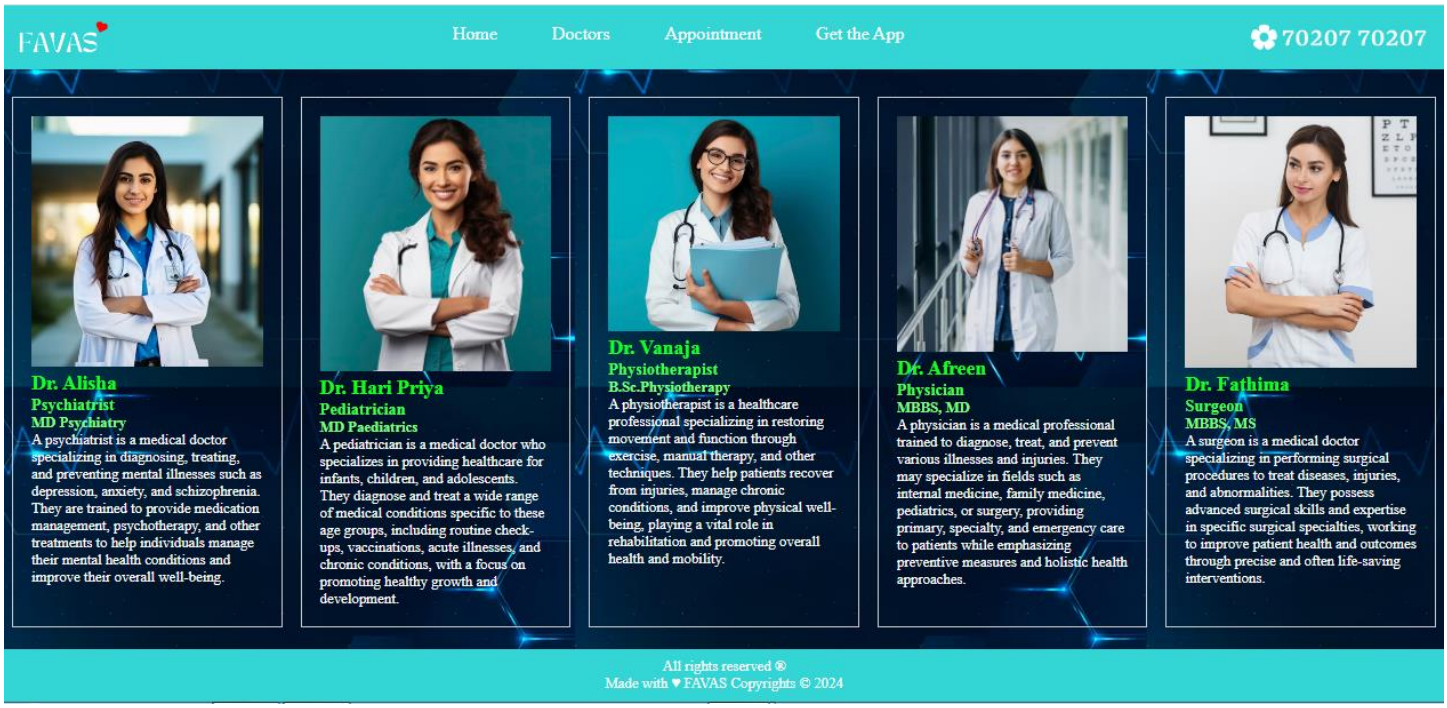


Fig-6: Appointment Page

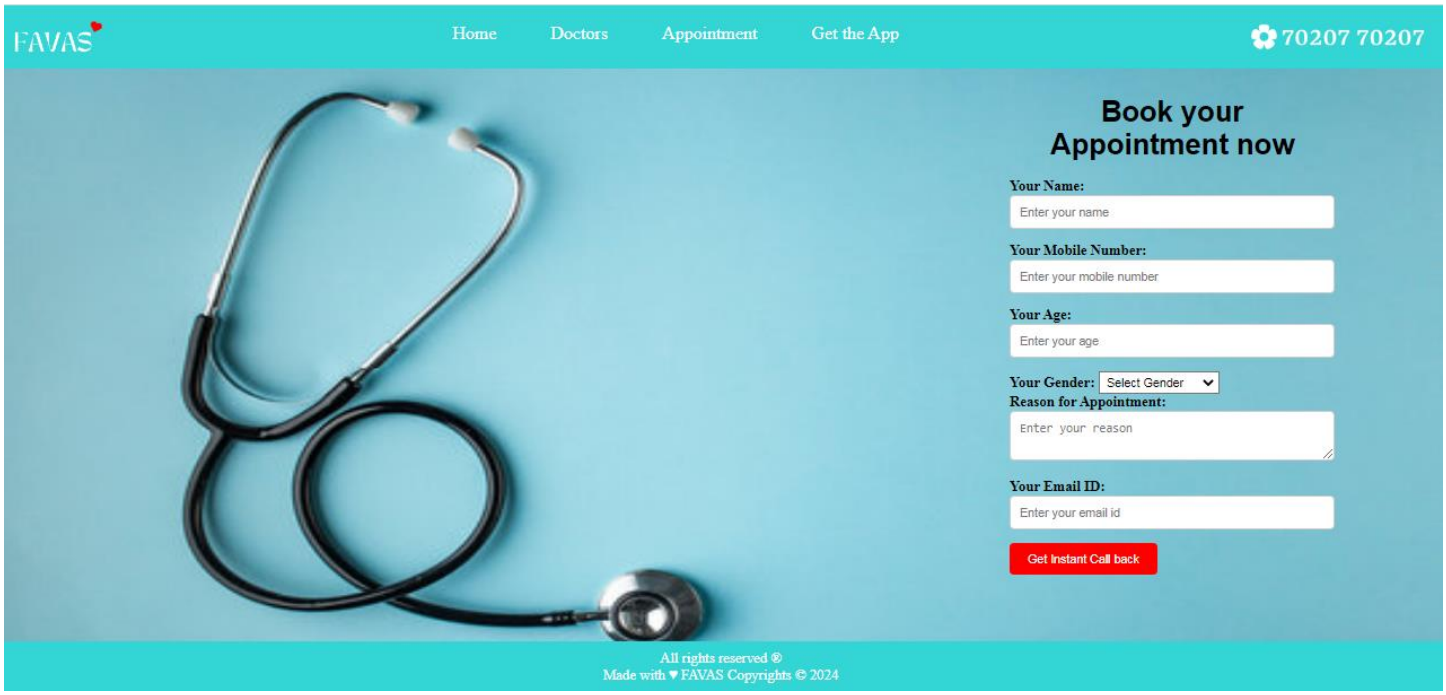
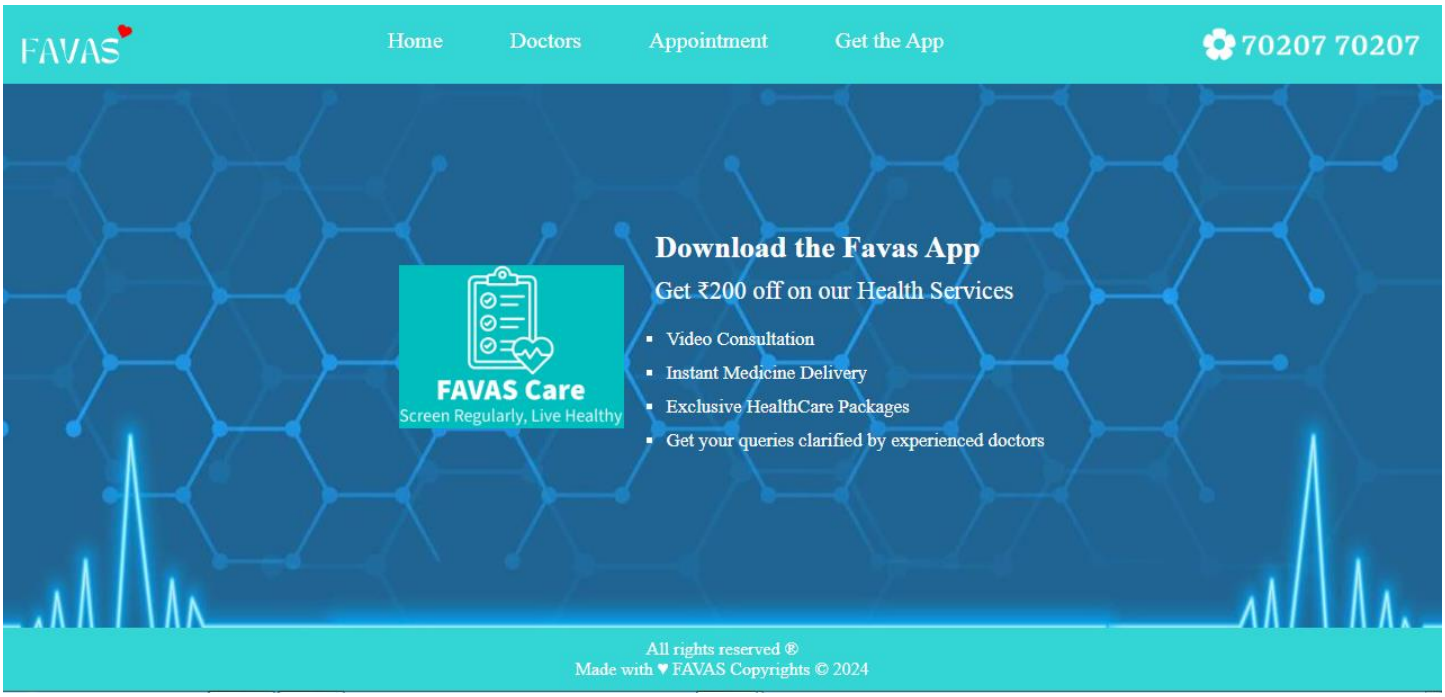


Fig-7: App Page



Conclusion

In summary, this project has been dedicated to the development and implementation of an online doctor appointment system. Throughout this endeavor, we have meticulously crafted a platform that facilitates seamless communication between patients and healthcare providers, streamlining the appointment scheduling process.

Our system aims to address the challenges often encountered in traditional appointment systems, offering convenience, accessibility, and efficiency to both patients and medical professionals. By harnessing the power of technology, we have created a user-friendly interface that enables patients to easily book appointments, access medical records, and receive timely reminders.

Furthermore, this project underscores the importance of embracing digital solutions in modern healthcare delivery. The online doctor appointment system not only enhances patient satisfaction but also optimizes resource utilization and improves overall healthcare delivery.

As we conclude this project, we envision a future where such systems become ubiquitous, transforming the way healthcare services are accessed and delivered. With ongoing enhancements and adaptations, we remain

committed to advancing the capabilities of our platform to better serve the needs of patients and healthcare providers alike.