



**SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati**

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE

This is to certify that the mini project report entitled

“OZONE HOSPITALS”

is the Bonafide work done by

P ARSHEYA BEGUM

(21121A3831)

in the Department of **Information Technology**, and submitted to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Systems Engineering during the academic year 2023-2024. This work has been carried out under my supervision. The results of this mini project work have not been submitted to any university for the award of any degree or diploma.

Guide:

Head:

Mr. M. Ramu
Assistant Professor
Dept. of IT

Dr. K. Ramani
Professor & Head
Dept. of IT

INTERNAL EXAMINER

EXTERNAL EXAMINER

ABSTRACT

Designing a hospital website necessitates a comprehensive approach that prioritizes user experience, accessibility, and the seamless integration of critical healthcare information. The website serves as a virtual gateway to the institution, requiring a balance between aesthetic appeal and functional efficiency. User-centric design is paramount, ensuring that patients, visitors, and healthcare professionals can easily navigate the site to access crucial information such as medical services, department details, appointment scheduling, and emergency contact information. The website must also prioritize accessibility standards, accommodating users with diverse needs and disabilities to ensure equitable access to healthcare resources. Integration of responsive design elements is crucial, enabling seamless browsing across various devices, from desktop computers to mobile devices. Security features should be robust to safeguard sensitive patient information and comply with healthcare data protection regulations. Additionally, the website can incorporate interactive features like virtual tours, patient testimonials, and health education materials to engage and inform the audience. By merging aesthetics with functionality and prioritizing user needs, a well-designed hospital website becomes an invaluable tool in fostering positive patient experiences and facilitating efficient healthcare communication.

Key features:

User-Centric Design, Information Accessibility, Responsive Design, Accessibility Standards, Security Features, Interactive Features, Aesthetics and Functionality, Virtual Tools, patient Testimonials, Health Education Materials

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CHAPTER-1 INTRODUCTION

In the digital age, establishing an online presence is imperative for any institution, and hospitals are no exception. A hospital website serves as a vital platform to enhance communication, accessibility, and information dissemination for patients, their families, and the broader community. The creation of a hospital website involves a strategic blend of user-friendly design, informative content, and seamless functionality to cater to the diverse needs of its audience.

The homepage of a hospital website is the virtual front door, offering a welcoming and intuitive interface. This section should prioritize clarity, providing easy navigation to critical information such as services offered, contact details, and emergency resources. Incorporating visually appealing elements, including high-quality images of the facility, medical staff, and state-of-the-art equipment, can instill confidence and convey professionalism. Additionally, the homepage can feature quick links to popular sections, such as appointment scheduling, patient portals, and educational resources.

The second section of the hospital website should delve into comprehensive details about the medical services available. This includes information about specialized departments, medical professionals, and the range of treatments provided. Creating dedicated pages for each department allows for in-depth exploration, and integrating multimedia elements like videos and patient testimonials can add a personal touch. To further enhance user experience, an online appointment scheduling system can be integrated, streamlining the process for patients and facilitating efficient communication between healthcare providers and service seekers.

The final section of the hospital website should focus on community engagement and education. This involves the dissemination of health-related information, preventive care tips, and resources that empower individuals to make informed decisions about their well-being. A blog or news section can keep the community updated on the latest medical advancements, events, and wellness initiatives. Additionally, the website can host educational materials, such as articles, videos, and infographics, fostering a sense of community and positioning the hospital as a reliable source of health information. Overall, the creation of a hospital website is a multifaceted endeavor aimed at seamlessly connecting healthcare providers with the community they serve in the digital landscape.

Objectives:

Information Dissemination:

- a) Objective: Provide accurate and up-to-date information about the hospital's services, facilities, medical staff, and contact details.
- b) Benefits: Patients and visitors can easily access essential information, enhancing transparency and trust.

Appointment Scheduling:

- a) Objective: Allow patients to schedule appointments online, reducing the need for phone calls and streamlining the booking process.
- b) Benefits: Improves convenience for patients and helps in efficient utilization of hospital resources.

Health Education:

- a) Objective: Offer educational content on health topics, preventive care, and treatment options to empower patients with knowledge.
- b) Benefits: Promotes health literacy and encourages proactive healthcare decision-making.

Online Consultations:

- a) Objective: Facilitate virtual consultations or telemedicine services for non-emergency medical issues.
- b) Benefits: Increases accessibility, especially for patients in remote areas, and reduces the need for physical visits.

Patient Portals:

- a) Objective: Provide secure online portals for patients to access their medical records, test results, and communicate with healthcare providers.
- b) Benefits: Enhances patient engagement, allows for better self-management, and improves communication between patients and healthcare professionals.

Emergency Information:

- a) Objective: Offer real-time updates on emergency room wait times, important announcements, and crisis management information.
- b) Benefits: Helps patients make informed decisions during emergencies and improves overall emergency response.

CHAPTER – 2

METHODOLOGY

Define Objectives and Requirements:

- Identify the goals of the website (e.g., providing information, appointment scheduling, patient education).
- List the features and functionalities required (e.g., doctor profiles, online forms, appointment system).

Research and Benchmarking:

- Look at other hospital websites for inspiration and to understand industry standards.
- Identify design elements and functionalities that work well for healthcare websites.

Domain and Hosting:

- Choose a domain name that reflects the hospital's identity.
- Select a reliable hosting provider that meets the website's needs.

Content Strategy:

- Plan the content structure, considering different sections (e.g., About Us, Services, Departments, Contact).
- Develop a content creation plan, ensuring accuracy and compliance with healthcare regulations.

Design:

- Develop wireframes and mockups to visualize the website's layout and structure.
- Choose a clean and user-friendly design that reflects the hospital's brand.
- Ensure the design is responsive to different devices (desktop, tablet, mobile).

Development:

- Choose a content management system (CMS) that suits your needs (e.g., WordPress, Joomla, Drupal).
- Develop custom functionalities, such as appointment scheduling or patient portals.
- Ensure the website complies with healthcare industry standards and regulations (e.g., HIPAA).

Security and Privacy:

- Implement SSL encryption to secure data transmission.
- Address privacy concerns, especially if handling patient information.

Testing:

- Conduct thorough testing of the website's functionality, usability, and compatibility.
- Test on different browsers and devices to ensure a consistent user experience.

Launch:

- Prepare a launch plan, including any necessary announcements or communications.

- Monitor the website closely during the initial days to address any issues promptly.

Post-Launch and Maintenance:

- Regularly update content, especially information about services and staff.
- Implement a maintenance plan to address security updates, bug fixes, and improvements.
- Monitor website analytics to understand user behavior and make data-driven improvements.

Integration with Systems:

- If applicable, integrate the website with hospital systems (e.g., electronic health records, appointment scheduling software).

Training:

- Train staff responsible for updating and maintaining the website on content management and website administration.

Feedback and Continuous Improvement:

- Gather feedback from users and stakeholders to identify areas for improvement.
- Continuously update and enhance the website based on user feedback and changing requirements. Remember that the specific details of each step may vary depending on the hospital's size, requirements, and existing infrastructure. Always prioritize user experience, security, and compliance with healthcare regulations during the development and maintenance phases.

CHAPTER – 3 SYSTEM DESIGN

1. Requirements Gathering:

- Stakeholder Interviews: Understand the requirements of hospital staff, patients, and administrators through interviews.
- Regulatory Compliance: Ensure the website complies with healthcare regulations and standards.

2. System Architecture:

- Frontend:
 - a) Design an intuitive and user-friendly interface.
 - b) Responsive design for various devices (desktop, tablet, mobile).
 - c) Implement accessibility features for users with disabilities.
- Backend:
 - a) Choose a scalable backend framework (e.g., Django, Ruby on Rails).
 - b) Implement user authentication and authorization.
 - c) Integrate with hospital databases for patient information.
- Database:
 - a) Design a secure database schema to store patient records, appointment schedules, and other relevant data.
 - b) Ensure data integrity and implement backup mechanisms.

3. Functionality:

- Appointment Scheduling:
 - a) Allow patients to schedule appointments online.
 - b) Implement a notification system for appointment reminders.
- Patient Portal:
 - a) Provide a secure portal for patients to view their medical records, test results, and prescriptions.
 - b) Enable online communication with healthcare providers.
- Doctor Profiles:
 - a) Create profiles for healthcare professionals with their specialties, experience, and contact information.
- Emergency Services:
 - b) Include emergency contact information and resources.
- News and Announcements:
 - a) Display hospital news, announcements, and health-related articles.

4. Security:

- HIPAA Compliance: Adhere to healthcare data privacy standards.
- SSL Encryption: Secure data transmission between the user and the server. □ Regular Security Audits: Periodically assess and update security measures.

5. Integration:

- Third-Party Services: Integrate with payment gateways for online bill payments and other thirdparty healthcare services.
- Electronic Health Record (EHR) Systems: Connect with existing EHR systems for seamless data sharing.

6. Scalability and Performance:

- Cloud Hosting: Consider hosting on scalable cloud platforms for flexibility.
- Caching Mechanisms: Implement caching to enhance website performance.

7. Testing:

- Functional Testing: Ensure all features work as intended.
- Security Testing: Conduct thorough security testing to identify and mitigate vulnerabilities.
- User Acceptance Testing (UAT): Involve stakeholders to validate the system against their requirements.

8. Deployment:

- Continuous Deployment: Implement a continuous integration/continuous deployment (CI/CD) pipeline.
- Rollout Strategy: Deploy updates gradually to minimize disruptions.

9. Maintenance and Support:

- Monitoring: Set up monitoring tools to track website performance and identify issues.
- Regular Updates: Keep the website and its components up-to-date.
- User Support: Provide channels for users to report issues and seek assistance.

10. Compliance and Legal Considerations:

- Privacy Policy: Clearly communicate how user data is handled.
- Legal Consultation: Ensure compliance with healthcare laws and regulations.

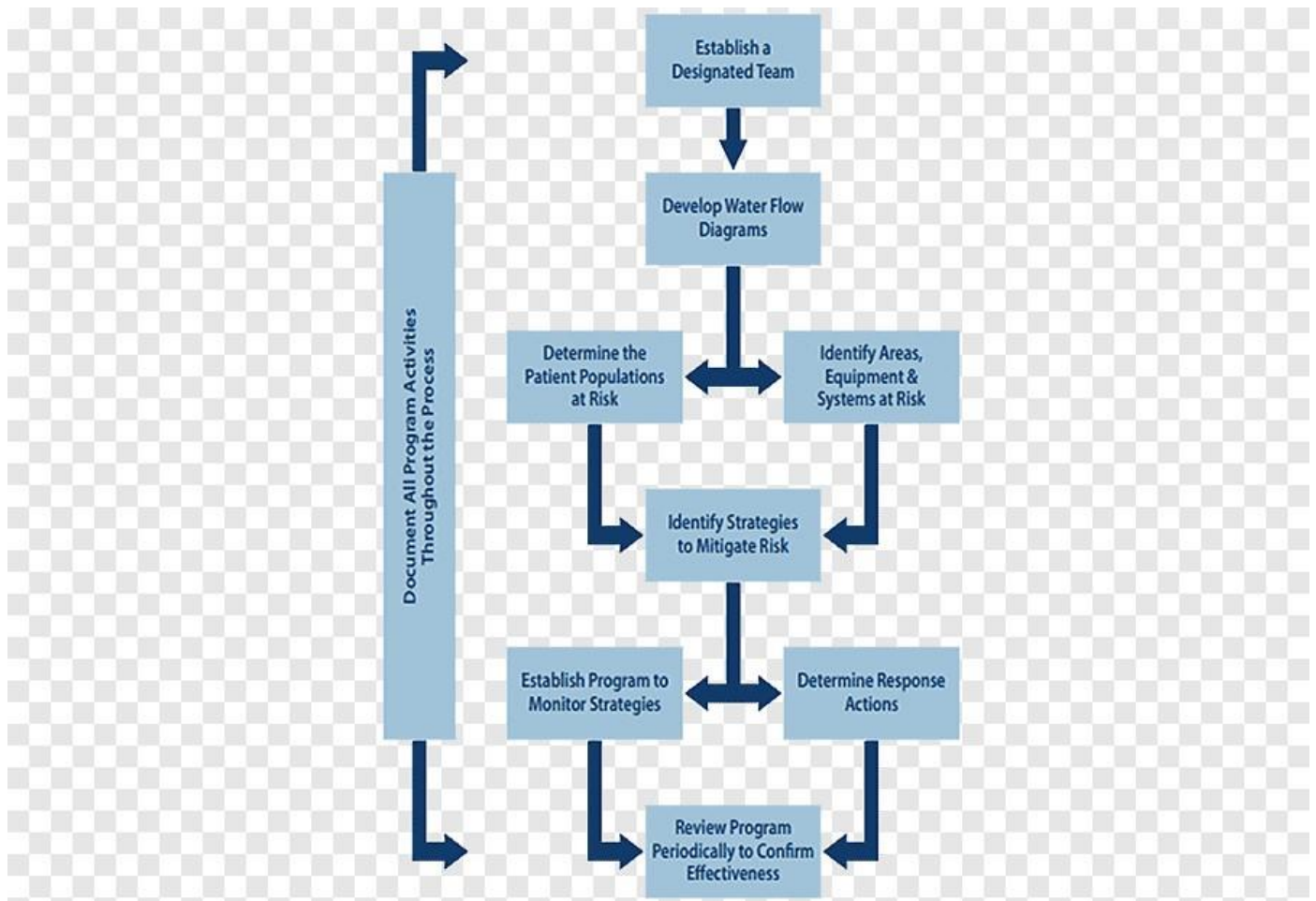
CHAPTER-4 IMPLEMENTATION

Creating a hospital website involves several key steps to ensure its effectiveness in providing information and services to patients and stakeholders. Firstly, the website should have a userfriendly design, with intuitive navigation to help visitors easily access essential information such as services offered, medical staff details, and contact information. Implementing responsive web design is crucial to ensure accessibility across various devices, including smartphones and tablets.

Secondly, the website should prioritize security and compliance with healthcare regulations to safeguard sensitive patient information. Implementation of secure sockets layer (SSL) encryption and adherence to data protection standards such as Health Insurance Portability and Accountability Act (HIPAA) in the United States or similar regulations in other regions are vital. Incorporating features like patient portals for secure communication and appointment scheduling can enhance the overall patient experience.

Lastly, integrating dynamic content such as health articles, educational resources, and news updates can contribute to the website's value. Implementing a content management system (CMS) allows easy updates and maintenance, ensuring that information is current and relevant. Additionally, incorporating multimedia elements like videos and infographics can make the website more engaging and informative. Regularly monitoring website analytics helps assess user engagement and identify areas for improvement, ensuring the hospital website remains a valuable resource for both current and potential patients.

CHAPTER-5 PROPOSED SYSTEM ARCHITECTURE



5.1 Flow chart of hospital

CHAPTER-6

CODING ANALYSIS

Code:

1. Login Page:

```
<?php

if($_SERVER['REQUEST_METHOD']=='POST' && isset($_POST['submit']))
{
    $conn = mysqli_connect('localhost','root','','project') or die("Connection Failed");

    if(isset($_POST['Name']) && isset($_POST['Email']) && isset($_POST['Appointment Date'])
    && isset($_POST['Mobile Number']) && isset($_POST['Mode']) && isset($_POST['Specialist']) &&
    isset($_POST['Doctor']) && isset($_POST['Message']))
    {
        $name = $_POST['name'];
        $email = $_POST['email'];
        $appointment Date = $_POST[' appointmentdate '];
        $mobilenumber = $_POST['mobilenumber'];
        $mode = $_POST['mode'];
        $specialist = $_POST['specialist'];
        $doctor = $_POST['doctor'];
        $message = $_POST['message'];

        $sql = "INSERT INTO register form (name, email, appointmentdate, mobilenumber, mode,
specialist, doctor,message)VALUES
('$name','$email','$appointment','$mobile','$mode','$specialist','$doctor','$message')";

        if(mysqli_query($conn,$sql))
        {
            echo "Entry Successfull";
        }
    }
    else
    {
        echo "Error Occured";
    }
}
}
```

ii. HTML code:

1.Home page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE-edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
  >
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.default.min
.css ">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/5.15.3/css/all.min.css">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/5.15.4/css/all.min.css">
  <!--Bootstra CSS  -->
  <link rel="stylesheet" href="css/bootstrap.min.css" type="text/css">
  <link rel="stylesheet" href="style1.css">
<header>
  <div class="logo"></div>
  <nav>
    <div class="navbar1">
      <a href="#home">Home</a>
      <div class="dropdown1">
        <button class="dropbtn1">About
          <i class="fa fa-caret-down"></i>
        </button>
        <div class="dropdown-content1">
          <a href="#about-section">About Ozone Hospital</a>
          <a href="#about-section">Hospital Leadership</a>
          <a href="#about-section">Vision and Mission</a>
          <a href="#about.html">Who are we</a>
        </div>
      </div>

      <div class="dropdown1">
        <button class="dropbtn1">Services
          <i class="fa fa-caret-down"></i>
```

```

</button>
<div class="dropdown-content1">
    <a href="#services-section">Interventional Radiology</a>
    <a href="#services-section">Physiotherapy</a>
    <a href="#services-section">Preventive health checks</a>
    <a href="#services-section">Radiology</a>
    <a href="#services-section">Laboratory Medicine</a>
    <a href="#services-section">Ambulance</a>
    <a href="#services-section">Dietetics</a>
</div>
</div>
<a href="#reviews-section">Reviews</a>

<div class="dropdown1">
<button class="dropbtn1">Doctors
    <i class="fa fa-caret-down"></i>
</button>
<div class="dropdown-content1">
    <a href="#team-section">Neurologist</a>
    <a href="#team-section">Ophthalmologist</a>
    <a href="#team-section">pulmonologist</a>
    <a href="#team-section">Cardiologist</a>
    <a href="#team-section">Dentist</a>
    <a href="#team-section">Heptologist</a>
</div>
</div>
<div class="dropdown1">

    <button class="dropbtn1">News
        <i class="fa fa-caret-down"></i>
    </button>
    <div class="dropdown-content1">
        <a href="#blog-section">Gallery</a>
        <a href="#blog-section">Social-Media</a>
        <a href="#blog-section">Press Releases</a>
    </div>
</div>
    <a href="#booking-section">Book Appointment</a>
</div>
</nav>
<div class="menu-icons">

```

```

        <div id="menu-bar" class="fas fa-bars"></div>
        <div id="Searchbox" class="fas fa-search"></div>
    </div>
</header>
<title>O-ZONE</title>
</head>
<body>
    <div class="home">
        <div class="home-back">
            
        </div>
        <div class="main-home">
            <div class="main-inner-home">
                <h2>We Are Providing</h2>
                <h1>Best Medical Services</h1>
                <p>You can get the care you need 24/7 - be it online or in person. You will be
treated by caring specialist doctors</p>

                <a href="#booking-section" class="btn btn-white">Book Appointment</a>
            </div>
            <div class="main-inner-home">
                <div class="right-content-img">
                    
                </div>
            </div>
        </div>
    </div>
</div>
<section class="features">
    <div class="container">
        <div class="row gx-0">
            <div class="col-md-4">
                <div class="features-box bg1">
                    
                    <h3>24 Hours Services</h3>
                    <p>A highly sophisticated 24-Hr unit to attend the accident
and emergency cases has been set up at ozone, With increasing road accidents and the threat
of industrial accidents always looming around the industrial belt of the city</p>
                </div>
            </div>
            <div class="col-md-4">
                <div class="features-box bg2">

```

```

        
        <h3>Professional Staff</h3>
        <p>There are many people who contribute to your care while
you are in hospital.
                Doctors assess and manage your medical treatment.
                Nurses provide ongoing care.
        Allied health professionals provide services to help with diagnosis and treatment</p>
    </div>
</div>

<div class="col-md-4">
    <div class="features-box bg1">
        
        <h3>Emergency Care</h3>
        <p>The emergency Department is the first point of contact for
any critically ill patient, needing immediate medical attention. Modern Emergency
Departments are managed by qualified Emergency Physicians and nurses</p>
    </div>
</div>
</div>
</div>
</section>

```

2. About Section

```

<section class="about-section" id="about-section">
    <div class="container">
        <div class="row gx-5">

            <div class="col-md-6">
                <div class="about-media">
                    
                </div>
            </div>

            <div class="col-md-6">
                <div class="about-info">
                    <h2><b>About Us</b></h2>
                    <p class="lead">OZONE Hospitals is one of the largest corporate healthcare groups in
India with hospitals in Telangana, Andhra Pradesh, and Maharashtra.</p>

                    <p>Ozone is providing multi-disciplinary integrated

```


healthcare services, with a focus on tertiary and quaternary healthcare at an affordable cost. Our network of 12 hospitals and 4000 beds is spread across Telangana (Secunderabad, Kondapur, Gachibowli, and Paradise Circle), Andhra Pradesh (Nellore, Rajahmundry, Srikakulam, Ongole, Vizag, Anantapur, and Kurnool) and Nagpur (Maharashtra). We offer a bouquet of comprehensive healthcare services across 25 specialties including cardiac sciences, oncology, neurosciences, gastric sciences, orthopedics, organ transplantation, renal sciences, and mother & child care.

Awarded with the Association of Healthcare Providers India (AHPI) award 2017, Krishna Institute operates 12 multi-speciality hospitals under the "KIMS Hospitals" brand, making them the Best multi-speciality hospital in Hyderabad.

With an aggregate bed capacity of over 4000 beds, KIMS Hospital is unequivocally the top hospital in Hyderabad.

[Lean More](about.html)

End About Section-->

3. Services Section

Neurology specialty services offer treatment for diseases of the nervous system including disorders of the brain, spinal cord peripheral nerves.

```

        
        <h3>Eyes care</h3>
        <p>Eye specialty services has world-class eye physicians and
surgeons who provide the best care for those suffering from different conditions of the
eyes.</p>
    </div>
</div>

<div class="col-md-4">
    <div class="services-box">
        
        <h3>Pulomonary</h3>
        <p>Pulmonology is a sub-speciality of Internal Medicine that
deals with the health of the respiratory tract. In particular, the health of the lower airway.</p>
    </div>
</div>

</div>

<div class="row">
    <div class="col-md-4">
        <div class="services-box">
            
            <h3>Cardiology</h3>
            <p>Heart diseases such as heart attack, congestive heart
failure, congenital heart disease, and coronary heart disease are the leading cause.</p>
        </div>
    </div>

    <div class="col-md-4">
        <div class="services-box">
            
            <h3>Dental Care</h3>
            <p>Our comprehensive dental program provides
multidisciplinary
                dental care and 24- hr emergency dental services.</p>
        </div>
    </div>

    <div class="col-md-4">
        <div class="services-box">
            

```



```

        <div class="review-info">
            <p>Hospital is good. I am happy with Hospital services, doctors and management services.
            Hygiene is well maintained. Dr Mamatha is one of best doctors in the city and Dr Sangeetha is
            also a good doctor. I will recommend this Hospital for any health services.</p>
                <h4>Mamatha</h4>
                <h5>Patient of Hepatology</h5>
            </div>
        </div>
    </div>
</div>
<div class="item">
    <div class="review-box">
        <div class="review-media">
            
        </div>
        <div class="review-info">
            <p>Intensive care taken, good staff and
            hospitality. Highly qualified Doctors. All over a happy customer/Patient.I was admitted to
            this hospital I had normal delivery, then I had a beautiful baby girl. Hospital facilities are
            good.I recommend this hospital for safe delivery.</p>
                <h4>Fernandez</h4>
                <h5>Patient of Cardiology</h5>
            </div>
        </div>
    </div>
</div>

</section>
<!--End reviews Section      -->
<!--Script-->

<script src="js/jquery-3.4.1.min.js" type="text/javascript" > </script>

<!--Bootstra JS -->
<script src="js/bootstrap.min.js" type="text/javascript" > </script>

<!--Owl Carousel      -->
<script src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"
    type="text/javascript" > </script>

<!--Custom JS -->
<script src="js/custom.js" type="text/javascript" > </script>

```

```

<script>

$('.reviews-
slide').owlCarousel({
loop:true,  margin:10,
nav:true,  responsive:{
  0:{
    items:1
  },
  600:{
items:3
  },
  1000:{
items:1
  }
}
})
</script>

```

6. Team Section

```

<section class="team-section" id="team-section">
<div class="container1">
  <h1 style="text-align: center; padding-bottom: 2%; padding-top: 3%;"><b>Our Expert
  Team</b></h1>
  <div class="container">
    <p>
    <table class="table" style="width:100%;height: 100%">
      <tr>
        <td style="width: 25%">

      </td>
      <div class="team-info">
        <h3>Johnathan Doe</h3>
        <p>Cardiologist</p>

        <span style="border: 2px solid black" href=""> <i class="fab fa-facebook-f"></i>
      </span>&nbsp;   
        <span style="border: 2px solid black" href=""> <i class="fab fa-twitter"></i> </span>
      &nbsp;   
    
```

```

        <span style="border: 2px solid black" href=""> <i class="fab fa-linkedin-in"></i></span>
        &nbsp;
        <span style="border: 2px solid black" href=""> <i class="fab fa-instagram"></i></span>
        &nbsp;
    </div></td>

    <td style="width: 25%">

        <div class="team-info">
            <h3>Andrew</h3>
            <p>Hepatologist</p>

            <span style="border: 2px solid black" href=""> <i class="fab fa-facebook-f"></i> </span>
            &nbsp;
            <span style="border: 2px solid black" href=""> <i class="fab fa-twitter"></i> </span>
            &nbsp;
            <span style="border: 2px solid black" href=""> <i class="fab fa-linkedin-in"></i></span>
            &nbsp;
            <span style="border: 2px solid black" href=""> <i class="fab fa-instagram"></i></span>
            &nbsp;
        </div></td>

    <td style="width: 25%">

        <div class="team-info">
            <h3>Nick Jonas</h3>
            <p>pulmonologist</p>

            <span style="border: 2px solid black" href=""> <i class="fab fa-facebook-f"></i>
</span> &nbsp;
            <span style="border: 2px solid black" href=""> <i class="fab fa-twitter"></i> </span>
            &nbsp;
            <span style="border: 2px solid black" href=""> <i class="fab fa-linkedin-
in"></i></span> &nbsp;
            <span style="border: 2px solid black" href=""> <i class="fab fa-instagram"></i></span>
            &nbsp;
        </div></td>

    <td style="width: 25%">

```

```

```

```
<div class="team-info">
```

```
<h3>Andreana</h3>
```

```
<p>Ophthalmologist</p>
```

```
<span style="border: 2px solid black" href=""> <i class="fab fa-facebook-f"></i>
</span> &nbsp;
```

```
<span style="border: 2px solid black" href=""> <i class="fab fa-twitter"></i> </span>
&nbsp;
```

```
<span style="border: 2px solid black" href=""> <i class="fab fa-linkedin-in"></i></span>
&nbsp;
```

```
<span style="border: 2px solid black" href=""> <i class="fab fa-instagram"></i></span>
&nbsp;
```

```
</div></td>
```

```
</tr>
```

```
</table></p>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!--End Team Section -->
```

7.Booking Section/Appointment

```
<section class="booking-section bg-overlay" id="booking-section">
```

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

```
<div class="row">
```

```
<div class="col-md-6">
```

```
<div class="form-col">
```

```
<h4><b>Make An Appointment</b></h4>
```

```
<h3><b>Get Free Consultation</b></h3>
```

```
</div>
```

```
<form>
```

```
<div class="row">
```

```
<div class="col-md-6">
```

```
<div class="form-group">
```

```
<input type="text" class="form-control"
```



```

        <option value="option3">pulmonologist</option>
        <option value="option4">Cardiologist</option>
        <option value="option5">Dentist</option>
        <option value="option6">Hepatologist</option>
    </select>

    <select id="secondSelect">
        <!-- Options will be populated dynamically using JavaScript -->
    </select>

    <script>
        function updateSecondSelect() {
            var firstSelect = document.getElementById('firstSelect');
            var secondSelect = document.getElementById('secondSelect');

            // Clear existing options
            secondSelect.innerHTML = "";

            // Get the selected value from the first
            var selectedValue =
            select
            firstSelect.value;

            // Define options for each selection
            var options = {
                option1: ['Dr.Sharukh', 'Dr.Salman',
                'Dr.Preethi'],
                option2: ['Dr.Aamir', 'Dr.Raj
                Kundra', 'Dr.Andreana'],
                option3: ['Dr.Mehta',
                'Dr.Sanjana', 'Dr.Alia'],
                option4: ['Dr.Aryan',
                'Dr.Kiara', 'Dr.Johnathan Dew'],
                option5:
                ['Dr.Varun', 'Dr.Nick Johnas', 'Dr.Siddhart'],
                option6: ['Dr.Aman', 'Dr.Neha', 'Dr.Andrew']
            };

            // Populate the second select based on the selected
            value
            var selectedOptions = options[selectedValue];
            populateOptions(selectedOptions);
        }

        function populateOptions(values) {

```

```

var secondSelect =
    document.getElementById('secondSelect');
    for (var i
= 0; i < values.length; i++) {
        var option =
document.createElement('option');
        option.value = values[i];
        option.text =
values[i];
        secondSelect.appendChild(option);
    }
}

```

```
// Initial population of the second select based on the default value of
the first select
```

```
updateSecondSelect();
</script>
```

```
<div class="row">
  <div class="col-md-12">
    <div class="form-group">
      <textarea class="form-control" placeholder="Message"></textarea>
    </div>
  </div>
</div>
<div class="row">
  <div class="col-md-12">
    <div class="form-group">
      <input type="submit"
formaction="action.html" value="Submit" class="btn btn-primary">
    </div>
  </div>
</div>
</form>
</div>
</section>
```

<!--End Booking Section-->

9.Blog

<section class="blog-section" id="blog-section">

<div class="container">

<div style="padding-top: 3%;">

<h2 class="section-title text-center">Blog & News</h2>

</div>

<div class="blog-media">

<iframe width="560" height="315"

src="https://www.youtube.com/embed/D_qykgVFX2E?si=nYC9cEH6nzcupb0q"

title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-
write; encryptedmedia; gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>

</div>

</div>

</section>

<!--End Blog -->

</body>

10.Footer

<footer>

<div class="container9">

<div class="row">

<div class="col-md-4">

<div class="footer-widget">

<h3>Contact Us</h3>

<ul class="footer-address">

<i class="fa fa-map-marker" aria-hidden="true"></i>

<div>

<h4>Address</h4>

<p>33 Lorem Ipsum is simply dummy

text of the printing</p>

```

        </div>
    </li>

    <li>
        <i class="fa fa-phone" aria-hidden="true"></i>
        <div>
            <h4>Phone</h4>
            <p> <a
href="tel:+0123456789">+0123456789</a></p>
        </div>
    </li>

    <li>
        <i class="fa fa-envelope-o" aria-hidden="true"></i>
        <div>
            <h4>Email</h4>
            <p> <a
href="tel:+0123456789">Support@ozone.com</a></p>
        </div>
    </li>

</ul>
</div>
</div>

<div class="col-md-2">
    <div class="footer-widgit">
        <h3>Services</h3>
        <ul class="footer-menu">
            <li> <a href="#"> Neurology </a> </li>
            <li> <a href="#"> Eyes care </a> </li>
            <li> <a href="#"> Pulmonary</a> </li>
            <li> <a href="#"> Cardiology</a>
            <li> <a href="#">Dental Care</a>
        </li>
            <li> <a href="#">Hepatology</a> </li>
        </ul>
    </div>

```

</div>

<div class="col-md-2">

<div class="footer-widget">

<h3>Services</h3>

<ul class="footer-menu">

 Neurology

 Eyes care

 Pulommonary

 Cardiology

 Dental Care

 Hepatology

</div>

</div>

<div class="col-md-4">

<div class="footer-widget">

<h3>Newsletter</h3>

<form>

<input type="email" placeholder="Enter Email" class="form-control mb-2">

<input type="submit" value="Subscribe" class="btn

btnwhite">

</form>

</div>

</div>

</div>

</div>

</footer>

<!--End Footer -->

</html>

10.style.css header{

background-color: var(--

color); width:100%;

padding:1.5rem 7%; z-

index: 1000; position:

```
fixed; display: flex;
justify-content: space-
between; align-items:
center;
} nav a{ color:
white; font-size:
2rem; margin: 0
1.5rem; text-
decoration: none;
}
.menu-icons div{
color: white;
font-size: 2.5rem;
margin-left:
1.5rem;
}
```

```
.navbar1 { overflow:
hidden; background-
color: #1ebeb6;
}
```

```
.navbar1 a {
float: left; font-
size: 18px;
color: white;
text-align: center;
padding: 14px
16px; text-
decoration: none;
}
```

```
.dropdown1 {
float: left;
overflow:
hidden;
}
```

```
.dropdown1 .dropbtn1
{ font-size: 18px;
border: none;
```

```
outline: none; color:
white; padding: 14px
16px; background-
color: inherit; font-
family: inherit;
margin: 0;
}
.dropdown-content1 { display: none;
position: absolute; background-color:
#f9f9f9; min-width: 160px; box-shadow:
0px 8px 16px 0px rgba(0,0,0,0.2); z-
index: 1;
}
```

```
.dropdown-
content1 a {
float: none;
color: black;
padding: 12px
16px; text-
decoration: none;
display: block;
text-align: left;
}
```

```
.dropdown1:hover .dropdown-
content1 { display: block; } .bg1 {
background: #10285f;
}
```

```
.bg2 {
background:
#0c2f7d;
}
```

```
.bg3 {
background:
#1148c3;
}
```

```

.features-box h3{
color: white;
font-size: 22px;

}
.features-box p{
color: white; font-size:
13px; }
.btn-primary {
color: white;
background-color:
#0c2f7d; border-color:
black;

}
/Services
Section/
.row{
padding:
20px;
}

section.services-section {
padding: 100px 0px 50px;
background: #efefef;
}

.section-title{
text-align: center;

}
.reviews-section{ background:
url("../images/rev2.png") no-repeat;
background-size: cover;

}
.dropdown6 { margin:
0; padding: 0; list-
style: none; width:
100px; background-
color: #eeeeee;
}
ul li:hover>a {
background-color:

```



```
#525d56; color: #ffffff  
!important;  
}
```

```
ul li:hover>ul {  
display: block;  
}
```

```
.booking-section{  
background:url("../images/booking-bg.jpg") no-  
repeat; background-size: cover; padding: 100px  
0px; background-color: #4b5151; border: 2px solid  
black;  
}
```

```
.form-control {  
border-radius: 0;  
height: 60px;  
}
```

6.2Result

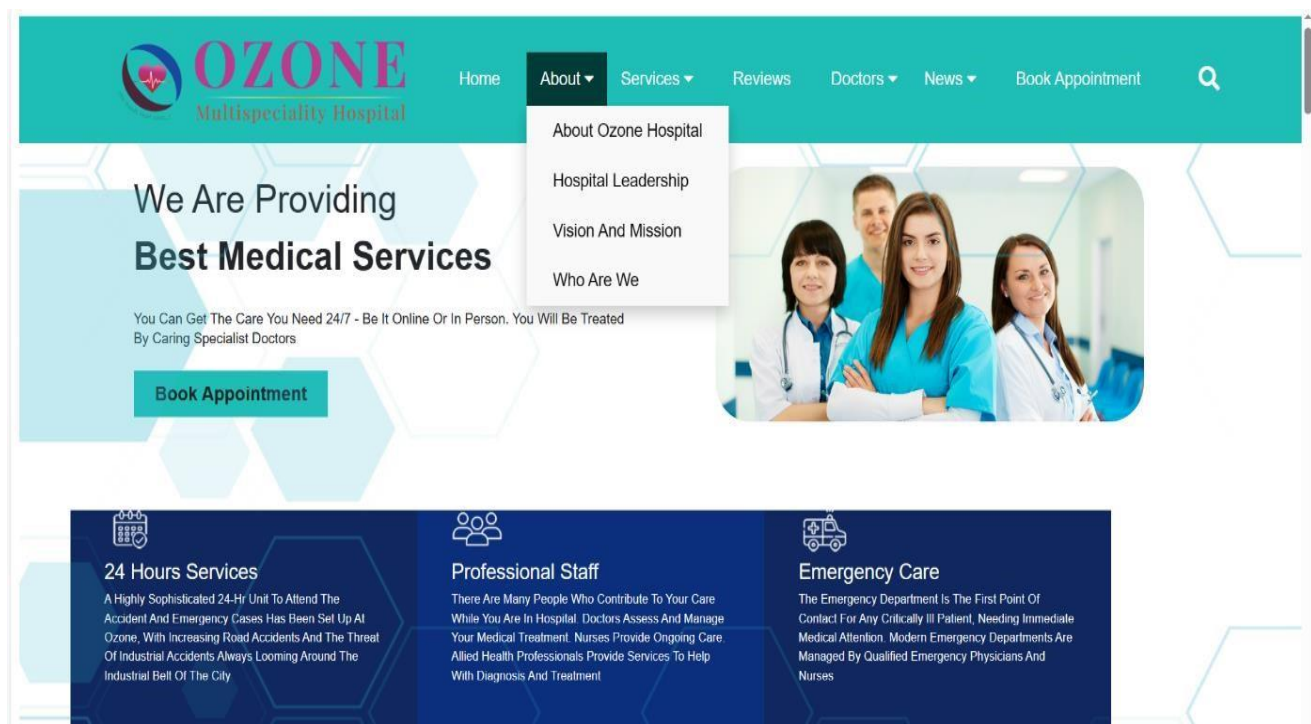
1. Home Page:

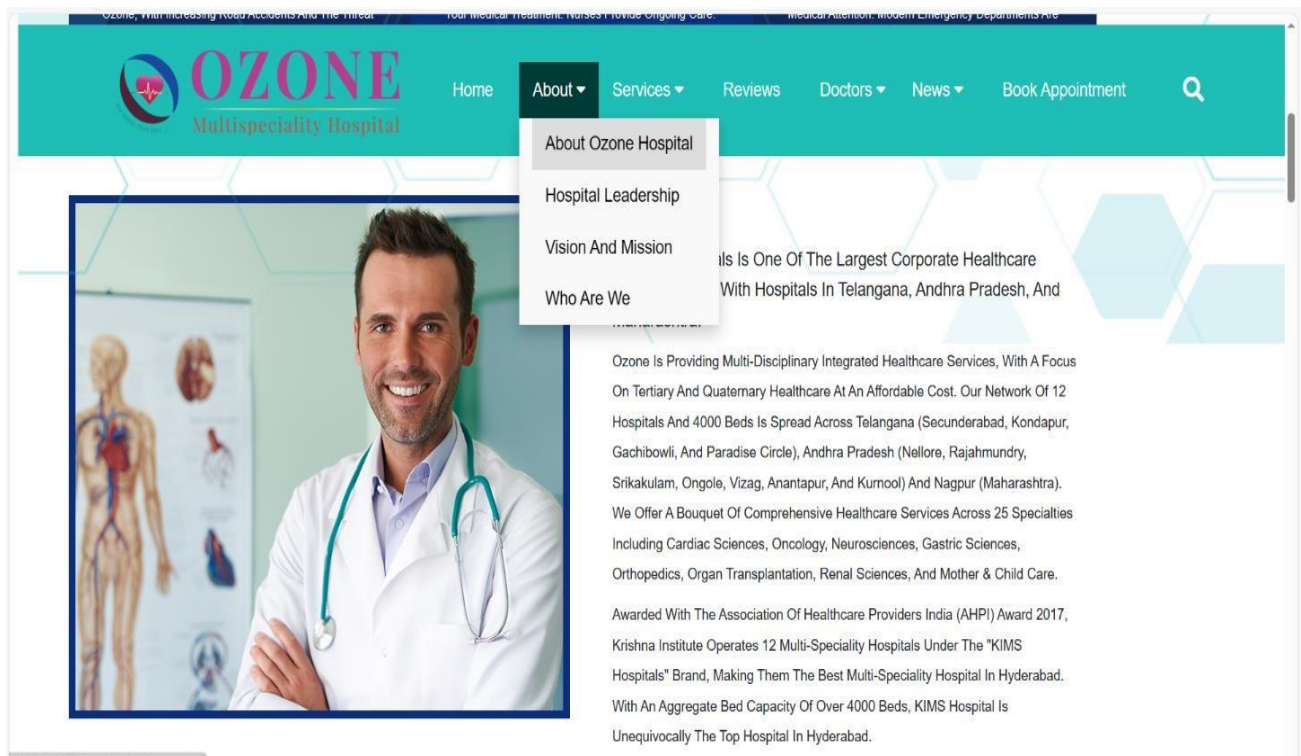
This page is the website home page, where you can find about all the choices and services offered in our platform and explore different products and styles.



2. About section

This gives the drop-down options of many areas to be visited in the hospital zone specifying particular sectors

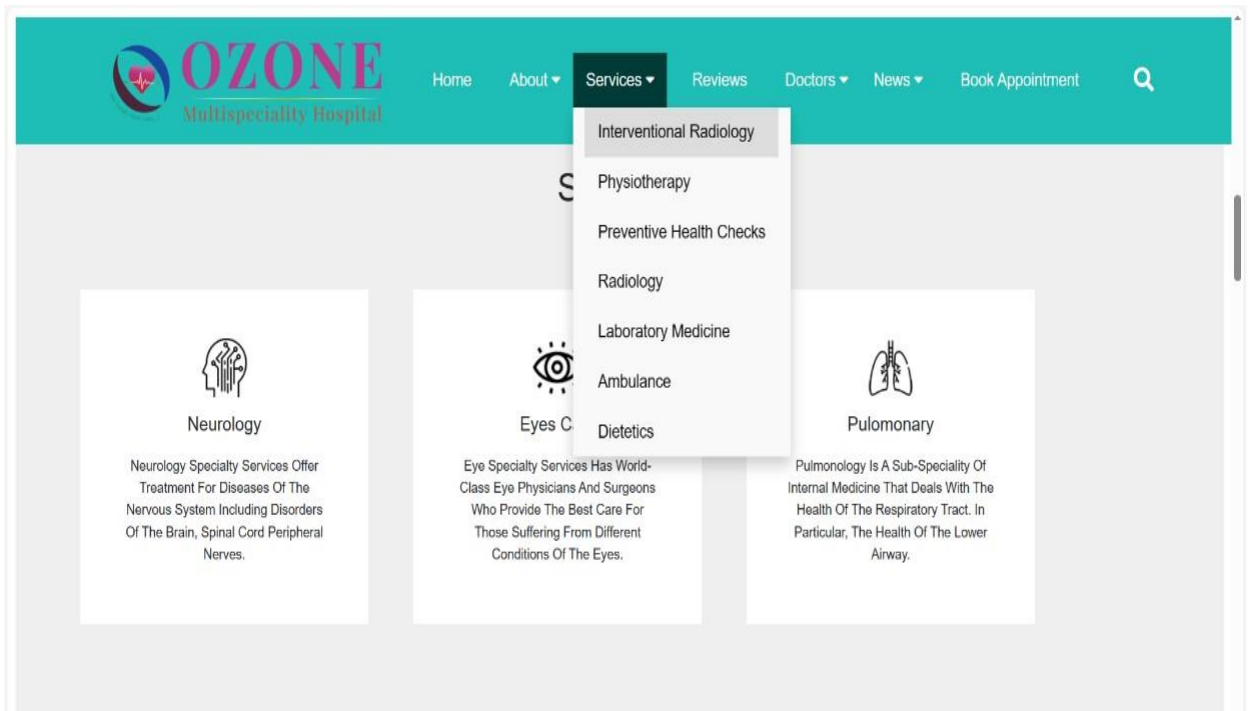




3. Service section:

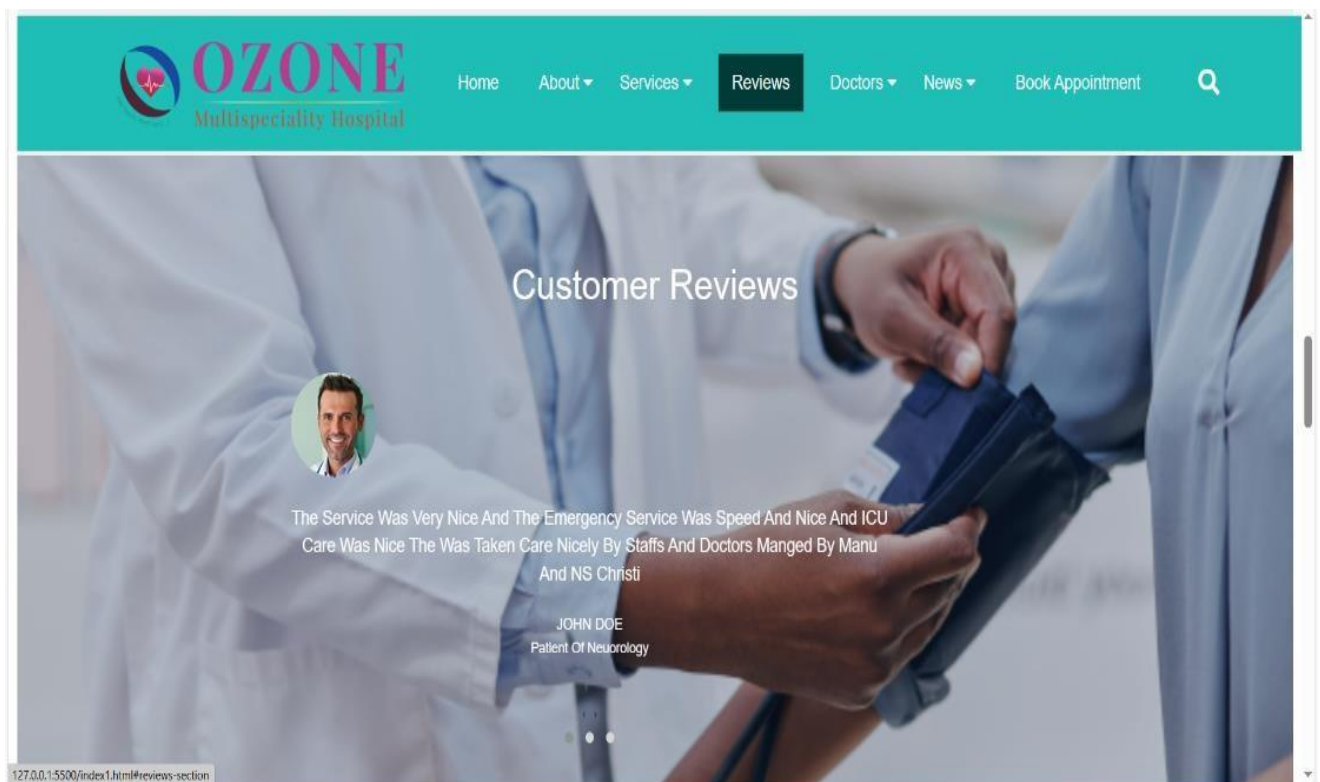
Service section is the drop-down providing many services of the hospital based on the patient requirements.

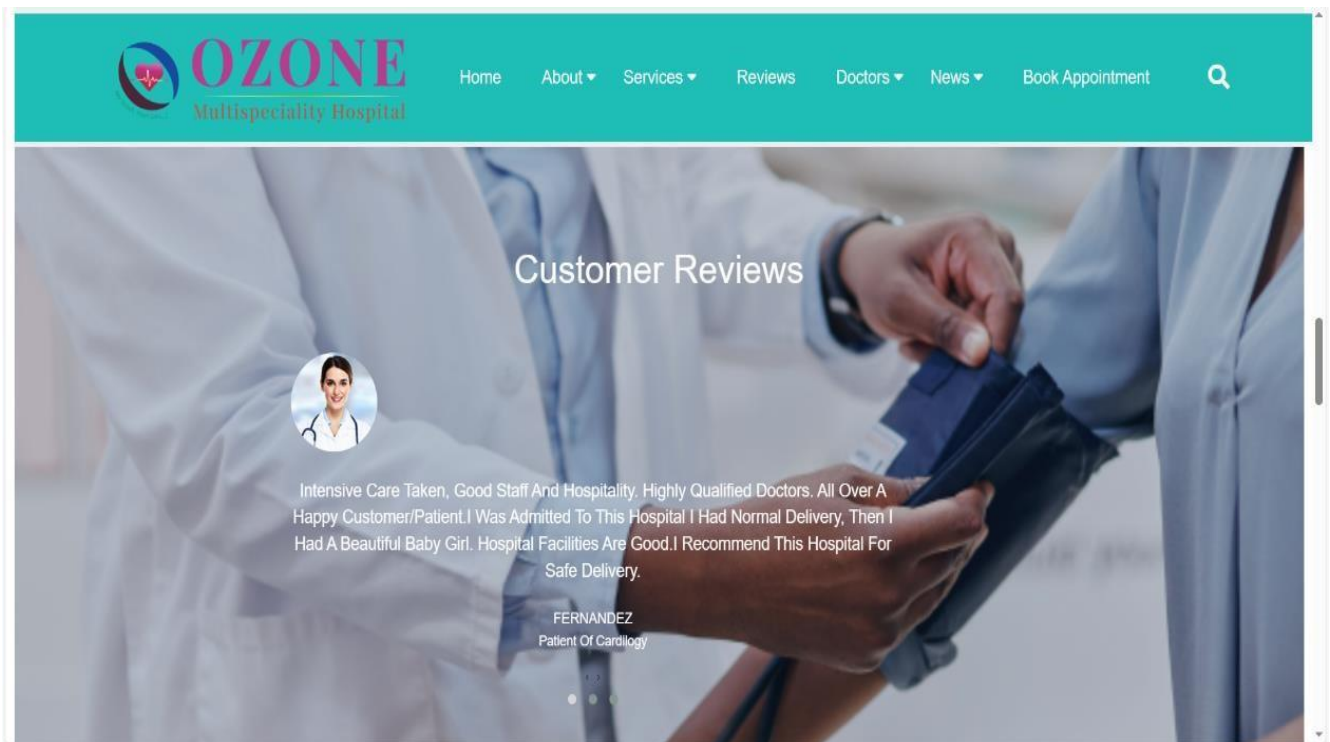




4. Reviews section:

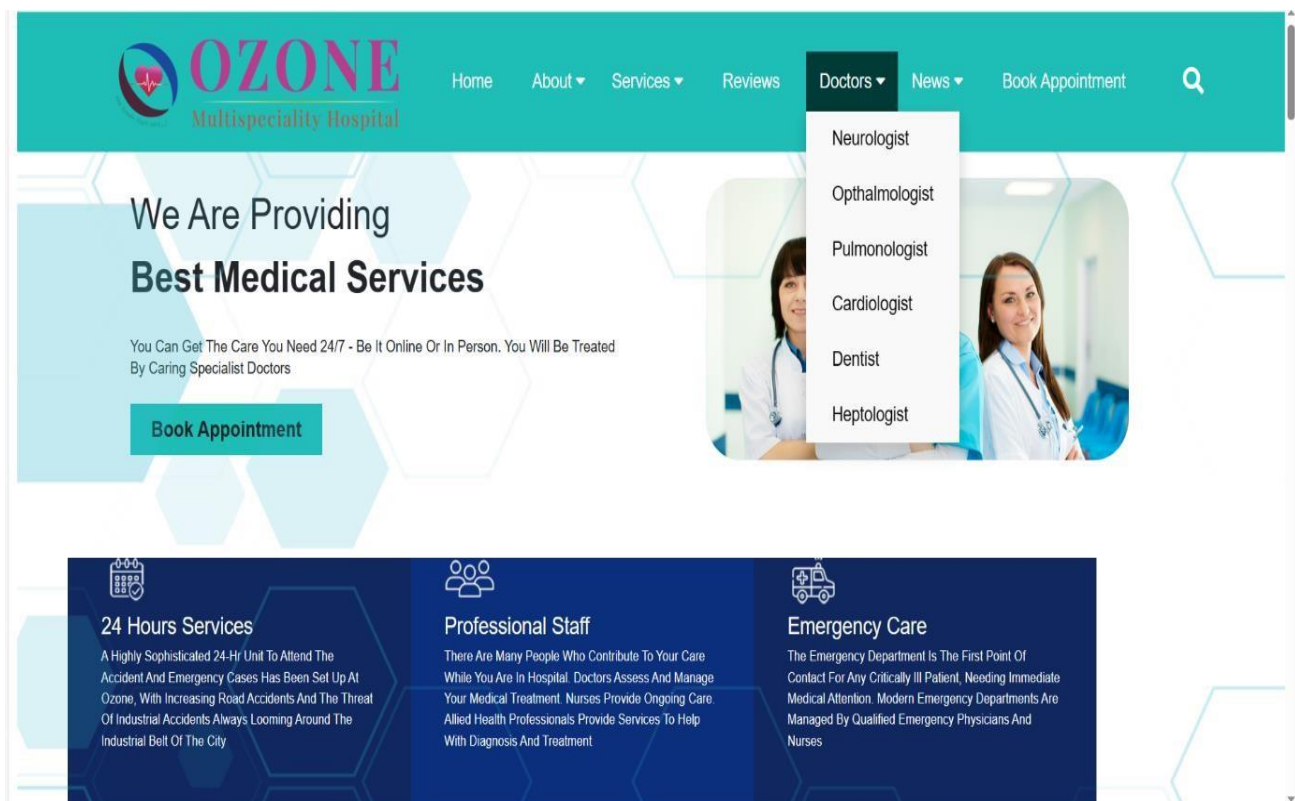
Reviews section gives the customers reviews on the particular treatments that helps the future patients to analyse about the requires treatment

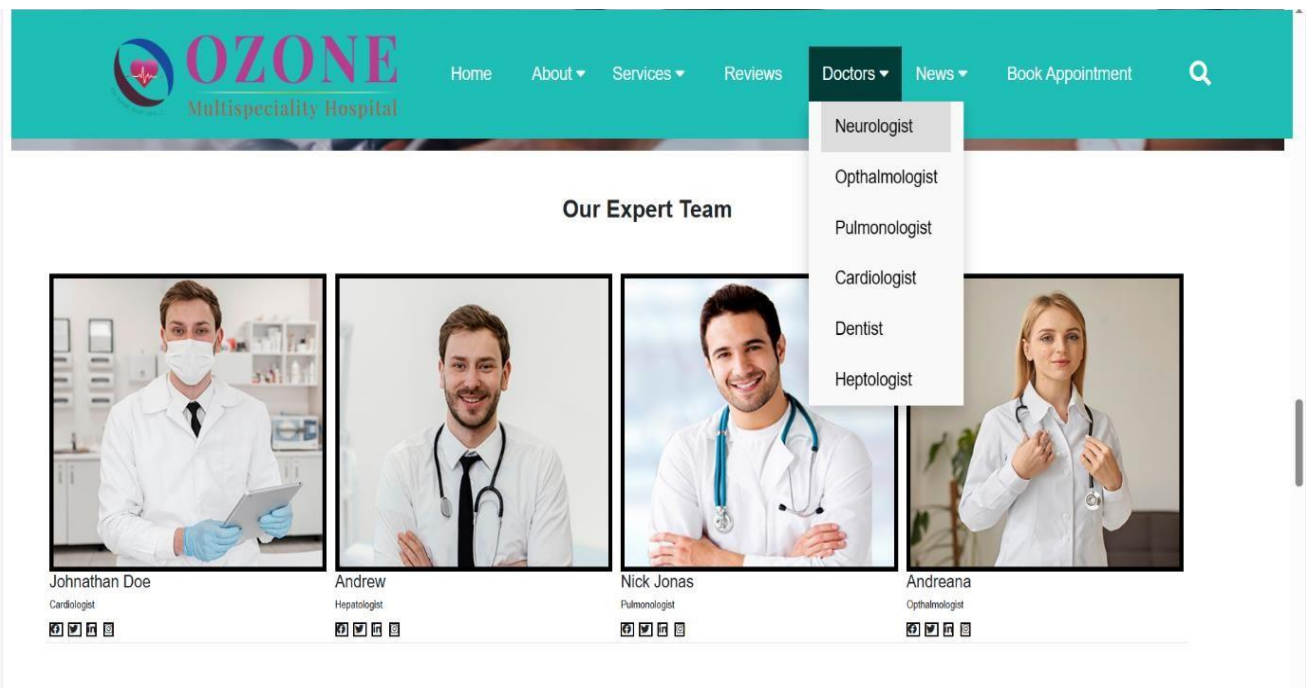




5. Doctors section:

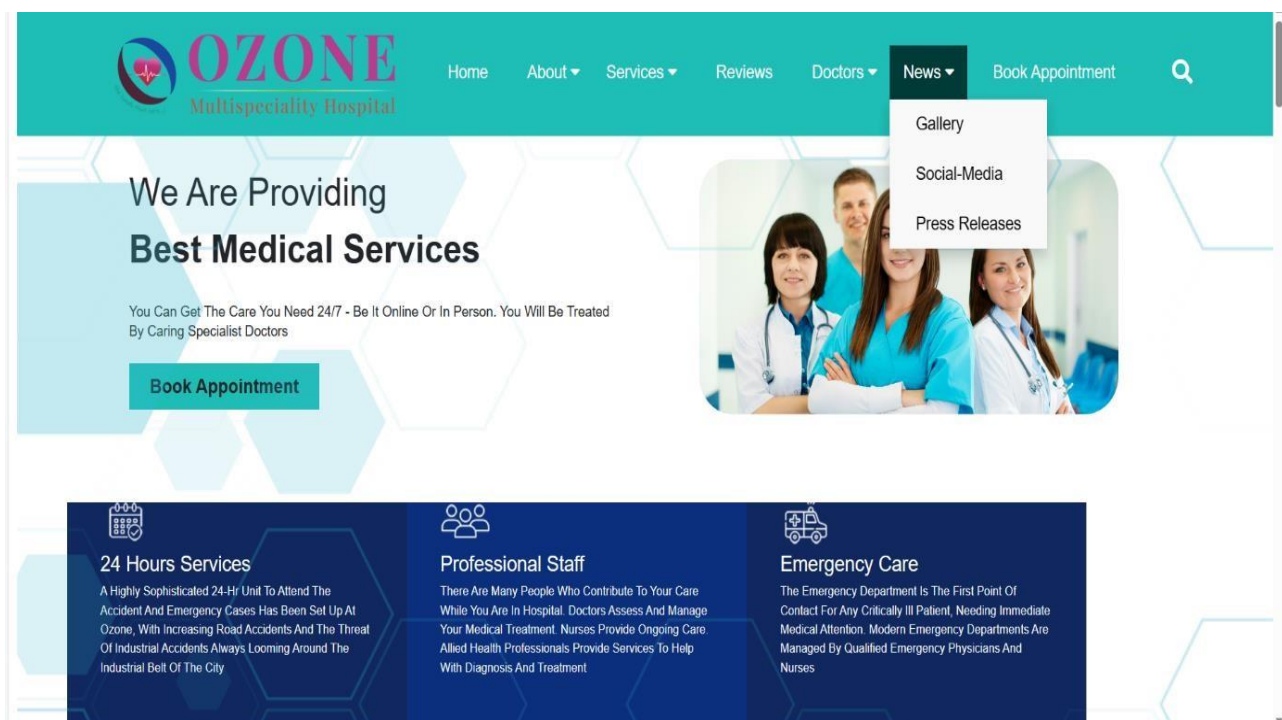
Doctors section gives the information of all the specialist doctors in the particular field of specialist and also provide the contact and other social media info about the doctors





6. News section:

News section is the drop-down that provides all the media that cover the news of the hospital and also provide some famous blogs of the hospital in the ranked fields





8. Appointment section:

Appointment section provide the form that is to be filled up by the patients inorder to book the appointment of the specified doctors it also contains the dropdowns of the available doctors

Make An Appointment
Get Free Consultation

Name Email

Appointment Date

Mobile Number

Mode

Neurologist Dr. Shantkh

Message

OZONE
Multispeciality Hospital

Home About ▾ Services ▾ Reviews Doctors ▾ News ▾ Book Appointment 🔍

Name Email

Appointment Date

Mobile Number

Mode ▾

Ophthalmologist ▾ Dr.Aamir ▾

- Neurologist
- Ophthalmologist
- Pulmonologist
- Cardiologist
- Dentist
- Hepatologist

On submission of the appointment form the data is stored in the database created by the php program and on successful submission the confirmed message is displayed

OZONE
Multispeciality Hospital

Home About ▾ Services ▾ Reviews Doctors ▾ News ▾ Book Appointment 🔍

23-6-2023

9980923567

Offline ▾

Ophthalmologist ▾ Dr.Raj Kundra ▾

I am Suffering From Severe Headache

Submit





Your Appointment Has Been Confirmed



Thank you for scheduling an appointment with us. We look forward to seeing you on the specified date.

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
9. Footer section:

Footer provides the overall details in the simple and unplaced manner such that if any of the patient misses any kind of information about the requirements then this footer arrows it

[Home](#) [About](#) [Services](#) [Reviews](#) [Doctors](#) [News](#) [Book Appointment](#) 



Contact Us

-  **Address**
33 Lorem Ipsum Is Simply Dummy
Text Of The Printing
-  **Phone**
+0123456789
-  **Email**
Support@Ozone.Com

Services

- [Neurology](#)
- [Eyes Care](#)
- [Pulmonary](#)
- [Cardiology](#)
- [Dental Care](#)
- [Hepatology](#)

Services

- [Neurology](#)
- [Eyes Care](#)
- [Pulmonary](#)
- [Cardiology](#)
- [Dental Care](#)
- [Hepatology](#)

Newsletter

[Subscribe](#)

CHAPTER-7

CONCLUSION AND FUTURE WORK

Conclusion:

The hospital website project, developed with HTML, CSS, JavaScript, and Bootstrap, represents a cohesive blend of functionality and aesthetics. Leveraging HTML for structure, CSS for style, and JavaScript for interactivity, the site ensures a seamless user experience. Bootstrap's responsive design enhances accessibility across devices. The project not only prioritizes a visually appealing layout but also integrates essential features, fostering effective communication between the healthcare institution and its users. Overall, the collaborative use of these technologies results in a modern, user-friendly hospital website that meets both the functional requirements of information dissemination and the design expectations for a professional online presence.

Future Work:

For future enhancements, the hospital website could incorporate advanced features to elevate user engagement and accessibility. Integration of dynamic content through a Content Management System (CMS) would facilitate easy updates to medical information, news, and events. Additionally, implementing a secure patient portal with personalized accounts for appointments, medical records, and online consultations could enhance patient experience. Enhanced interactivity and real-time features, such as appointment scheduling with calendar integration, live chat support, and telemedicine options, could further streamline user interactions. Furthermore, continuous optimization for mobile responsiveness and adherence to evolving web standards will ensure the website remains cutting-edge and adaptable to emerging technologies in the healthcare and web development sectors.