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Introduction

1.1 PROBLEM DEFINITION

Booking a suitable venue for events is often a time-consuming and inefficient process, requiring users to manually search, inquire, and confirm availability. Venue owners also face challenges in reaching potential customers and managing reservations effectively.

The **Venue Registration System** addresses these issues by providing a **centralized platform** where users can **search, find and save venues to their account** based on their event needs. Features like "**Add this venue to your list**" and a **booked venues page** streamline the process, ensuring a smooth and efficient booking experience for both users and venue providers.

1.2 EXISTING SYSTEMS

Several online platforms currently facilitate venue booking, offering users a way to search, compare, and reserve event spaces. Some of the popular existing systems include:

1. **Peerspace** – A marketplace that allows users to browse and book unique venues for various events, meetings, and productions. It provides detailed venue listings with pricing, images, and reviews.
2. **VenueBook** – A platform that enables users to find and instantly book venues for corporate and social events, offering real-time availability and direct communication with venue managers.
3. **Cvent** – Primarily used for corporate events, Cvent provides venue sourcing tools that allow event planners to search, compare, and book spaces based on their requirements.
4. **Tagvenue** – A user-friendly venue booking system that helps individuals and businesses find event spaces in various cities, filtering venues by capacity, type, and amenities.

1.3 PROPOSED SYSTEM

The **Venue Registration System** redefines the event planning process by eliminating the need for logins or subscriptions during initial venue searches. This platform prioritizes user freedom, seamless discovery, and efficient management.

Key Features and Advantages Over Existing Systems:

- **Open Access Search:** Users can freely browse venues without creating an account.
- **Customized Venue Discovery:** Search results can be tailored using filters such as location, capacity, and event type.
- **Save After Login:** Users who choose to log in can save venues for future booking and management.
- **Simplified UX:** A clean interface with an "Add to Saved Venues" option ensures quick and intuitive use.

Unlike traditional systems that gate features behind registrations or offer limited search capability, this system emphasizes accessibility and user autonomy, streamlining the booking workflow for both casual browsers and serious planners.

1.4 LITERATURE REVIEW

Current venue platforms like **Peerspace**, **VenueBook**, and **Tagvenue** provide reservation capabilities, but studies have identified limitations such as:

- Mandatory user accounts for simple browsing.
- Inflexible search and filtering (Smith & Brown, 2020).
- Limited venue management after booking (Chen & Wang, 2020).

Research by Lee et al. (2019) emphasizes the importance of customizable search tools and flexible booking mechanisms. Addressing these, the revised Venue Registration System introduces:

- **No-login Browsing:** Instant venue access without barriers.
- **Advanced Filtering:** Tailored search experience based on user needs.
- **Saved Venues Access:** Post-login venue saving and organization.

This system stands out by merging accessibility with robust management, enhancing the overall planning experience.

System Requirement

S

2.1 HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Requirements

- **Processor:** Intel Core i3 or higher
- **RAM:** Minimum 4GB (8GB recommended)
- **Storage:** At least 100GB free space
- **Display:** 1024x768 resolution or higher
- **Internet Connection:** Required for accessing the development tunnel

Software Requirements

- **Operating System:** Windows, macOS, or Linux
- **Development Environment:** Visual Studio Code with Live Server and tunneling extensions (e.g., Remote-Tunnels, GitHub Codespaces, LocalTunnel, or similar)
- **Database:** MongoDB (for storing user and event data, either compass or cloud-based by Atlas)
- **Frontend Technologies:** HTML, CSS, JavaScript
- **Backend Technologies:** Node.js (Express.js, CORS, Mongoose)
- **Dev Tunnel Access:** Used for exposing the local server to the internet during development and testing
- **Browser Support:** Google Chrome, Mozilla Firefox, Microsoft Edge

2.2 SOFTWARE REQUIREMENT SPECIFICATIONS

Software Requirements

- **Operating System:** Windows 10/11, macOS, Linux
- **Database:** MongoDB.
- **Backend:** Node.js (Express.js, CORS, and Mongoose).
- **Frontend:** None
- **Browser Version:** Google Chrome 4, Mozilla Firefox 3.5, Microsoft Edge: All versions.
- **Development Tools:** Visual Studio Code with Live Server support and tunneling extensions (e.g., Remote - Tunnels, Ngrok, LocalTunnel, or GitHub Codespaces) for exposing the backend server during development.

System Design

3.1 MODULES OF SYSTEMS

1. User Management Module

- Handles user **account creation, login, and logout**.
- Stores login state in localStorage (frontend) and also syncs with MongoDB (users collection).
- Displays user-specific navigation options and persists login status across pages.

2. Venue Search & Filtering Module

- Allows **all users** (even without login) to search venues by:
 - **Location**
 - **Event type**
 - **Capacity**
- Uses advanced filters for quick venue discovery.
- Displays search results in possiblevenues.html.

3. Booking & Cart Module

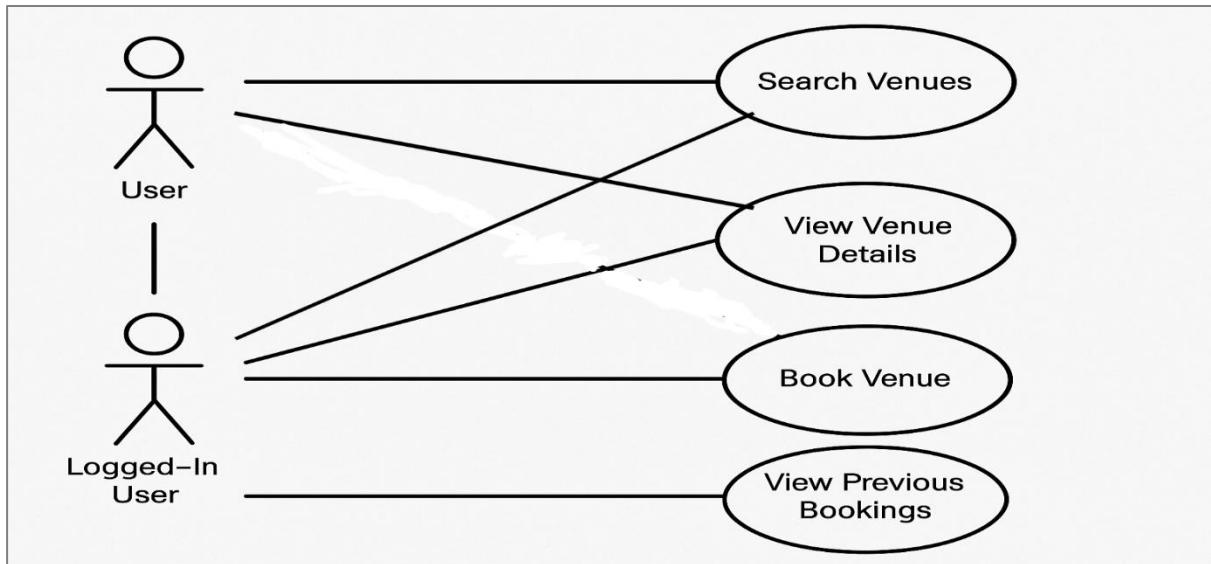
- Enables **logged-in users** to:
 - Click “Pay Now” to book venues (no real payment involved).
 - Adds booked venue to user's record in bookings.js.
- Non-logged-in users are alerted to log in before booking.
- After booking, users are redirected to previousvenues.html.

4. Booked Venues Management Module

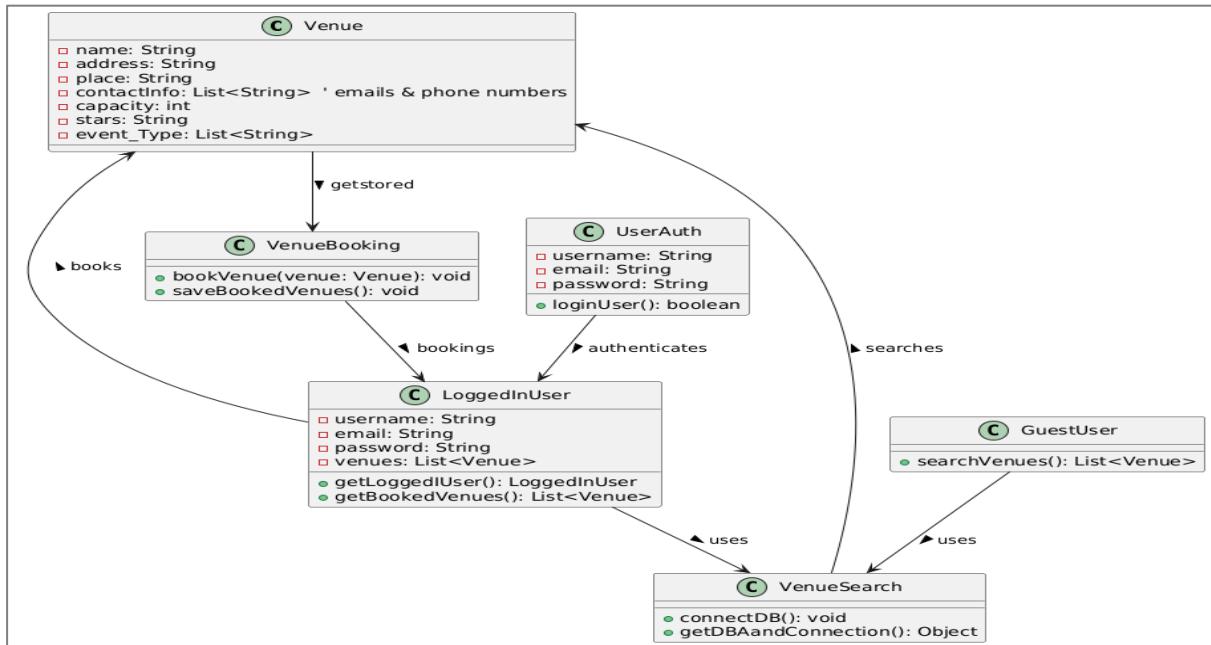
- Displays user's previously booked venues in previousvenues.html.
- Shows **booking history** with details like name, date, and status.
- Sends **notifications/reminders** for upcoming bookings (can be simulated with frontend alerts or email system later).

3.2 UML DIAGRAMS

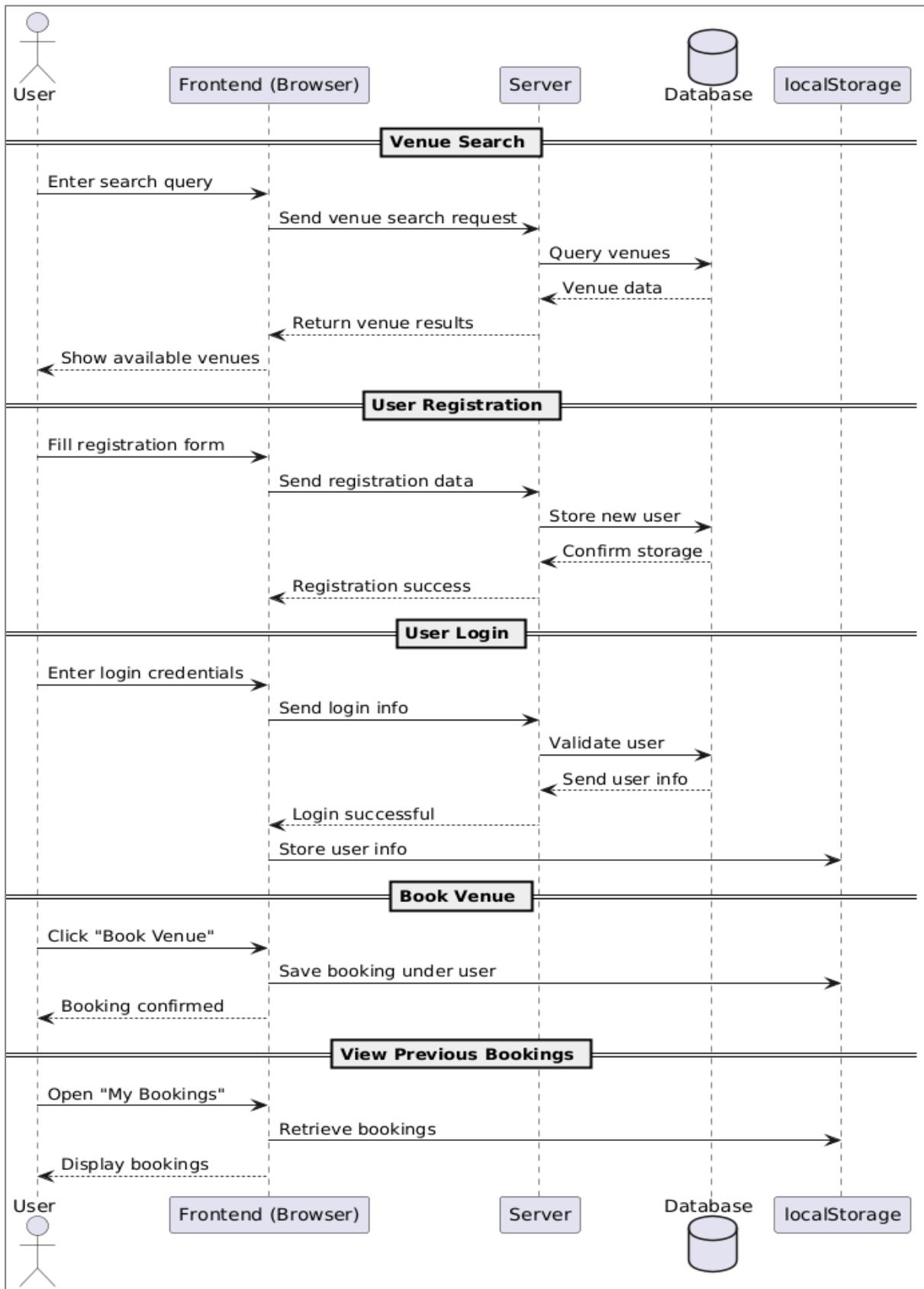
1. Use Case Diagram:



2. Class Diagram:



3.Sequence diagram:



Implementatio n

4.1 SAMPLE CODES

1.)Home page (Index.html);

```
<!DOCTYPE html>
<html lang="en">
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>VRS HomePage</title>
    <link
        href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&display=swap"
        rel="stylesheet">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
    <style>
        body {
            font-family: 'Poppins', sans-serif;
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            color: #333;
            text-align: center;
        }

.image-slider {
        position: relative;
        width: 100%;
        height: 80vh;
        background-image: linear-gradient(rgba(0, 0, 0, 0.5), rgba(0, 0, 0, 0.5)),
        url('/Venue_Registration_System_VRS/assets/hall.jpg');
        background-size: cover;
        background-position: center;
        display: flex;
        align-items: center;
        justify-content: center;
        text-align: center;
        color: white;
    }

.image-slider h1 {
```

```
    font-size: 48px;  
    font-weight: 700;  
    margin-bottom: 20px;  
}  
  
.image-slider p {  
    font-size: 18px;  
    margin-bottom: 30px;  
}  
  
.primary-button, .secondary-button {  
    padding: 12px 30px;  
    border: none;  
    border-radius: 25px;  
    font-weight: 600;  
    cursor: pointer;  
}  
  
.primary-button {  
    background: #007BFF;  
    color: white;  
}  
  
.primary-button:hover {  
    background: #0056b3;  
}  
  
.secondary-button {  
    background: transparent;  
    border: 2px solid white;  
    color: white;  
}  
  
.secondary-button:hover {  
    background: white;  
    color: #007BFF;  
}  
  
.slide-content {
```

```
        animation: textanimationimage 1s ease-out;
    }

    @keyframes textanimationimage {
        from {
            opacity: 0;
            transform: translateY(50px);
        }
        to {
            opacity: 1;
            transform: translateY(0);
        }
    }

.features-section {
    padding: 80px 0;
    text-align: center;
}

.features-section h2 {
    font-size: 36px;
    font-weight: 700;
    margin-bottom: 40px;
}

.features-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 30px;
    padding: 0 20px;
}

.feature {
    background: white;
    padding: 30px;
    border-radius: 10px;
    box-shadow: 0 4px 15px rgba(0, 0, 0, 0.1);
    transition: transform 0.3s ease, box-shadow 0.3s ease;
}
```

```

.feature:hover {
    transform: translateY(-10px);
    box-shadow: 0 6px 20px rgba(0, 0, 0, 0.15);
}

.feature span {
    font-size: 40px;
    margin-bottom: 15px;
    display: block;
}

.feature h3 {
    font-size: 20px;
    font-weight: 600;
    margin-bottom: 10px;
}

.feature p {
    font-size: 14px;
    color: #666;
}

```

</style>

</head>

<body>

<nav>

<div class="nav-left">

Venue Registration System

</div>

<div class="nav-right">

Home

About Us

<li id="loginNav">Login

Contact Us

Get venues now!

<li id="logoutNav" style="display: none;">

```
        onclick="logoutUser()">Logout</a></li>
    </ul>
</div>
</nav>
<div class="image-slider">
    <div class="slide-content">
        <h1>Welcome to Venue Registration System</h1>
        <p>Find the perfect venue for your event with ease.</p>
        <div class="buttons">
            <button class="primary-button"
                onclick="window.location.href='/Venue_Registration_System_VRS/frontend/registrationpage.html'">Get Started</button>
            <button class="secondary-button"
                onclick="window.location.href='/Venue_Registration_System_VRS/frontend/aboutus.html'">Learn More</button>
        </div>
    </div>
</div>

<section class="features-section">
    <h2>Why Choose Us?</h2>
    <div class="features-grid">
        <div class="feature">
            <span> 🏠 </span>
            <h3>Wide Range of Venues</h3>
            <p>From weddings to corporate events, we have the perfect venue for every occasion.</p>
        </div>
        <div class="feature">
            <span> 💼 </span>
            <h3>Professional Support</h3>
            <p>Our team is here to help you every step of the way.</p>
        </div>
        <div class="feature">
            <span> 📋 </span>
            <h3>Easy Process</h3>
            <p>Simple registration steps</p>
        </div>
        <div class="feature">
            <span> ❤️ </span>
            <h3>Straight to the point</h3>
        </div>
    </div>
</section>
```

```

    <p>Get the venues you want without needing to login or subscriptions</p>
    </div>
</div>
</section>

<footer>
<div class="footer-content">
<div class="footer-section">
<h3>Quick Links</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get
Venues</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About
Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
Us</a></li>
</ul>
</div>
<div class="footer-section newsletter">
<h3>Join Our Newsletter to get all updates about our site!</h3>
<input type="email" placeholder="Enter your email">
<button
onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subscribe</button>
</div>
<div class="footer-section">
<h3>Follow Us</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i
class="fab fa-facebook"></i> Facebook</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
fa-instagram"></i> Instagram</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
fa-twitter"></i> Twitter</a></li>
</ul>
</div>
</div>
<div class="footer-bottom">
<p>&copy; 2025 Venue Registration System. All rights reserved.</p>

```

```

        </div>
    </footer>
<script>
    document.addEventListener("DOMContentLoaded", function () {
        let user = JSON.parse(localStorage.getItem("loggedInUser"));
        let loginNav = document.getElementById("loginNav");
        let logoutNav = document.getElementById("logoutNav");

        if (user) {
            loginNav.innerHTML = `<a href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
            logoutNav.style.display = "block";
        }
    });

    function logoutUser() {
        localStorage.removeItem("loggedInUser");
        window.location.href = "/Venue_Registration_System_VRS/index.html";
    }
</script>

</body>
</html>

```

2.) Login page (loginpage.html):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <script src="/test/frontend/bookings.js"></script>
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylelogin.css">
</head>
<body>
    <nav>
        <div class="nav-left">

```

```

<span>Venue Registration System</span>
</div>

<div class="nav-right">
<ul>
<li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
<li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html" class="login-btn">Get venues now!</a></li>
<li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
</ul>
</div>
</nav>

<h2>Login</h2>
<form onsubmit="loginUser(event)">
<input type="email" id="email" placeholder="Email" required>
<input type="password" id="password" placeholder="Password" required>
<button type="submit">Login</button>
</form>

<p>Don't have an account? <a href="/Venue_Registration_System_VRS/frontend/loginpage.html">Sign up here</a></p>

<div id="venueList"></div>

<footer>
<div class="footer-content">
<div class="footer-section">
<h3>Quick Links</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get Venues</a></li>
```

```

<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About
Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
Us</a></li>
</ul>
</div>
<div class="footer-section newsletter">
<h3>Join Our Newsletter</h3>
<input type="email" placeholder="Enter your email">
<button
onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subs
cribe</button>
</div>
<div class="footer-section">
<h3>Follow Us</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i
class="fab fa-facebook"></i> Facebook</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
fa-instagram"></i> Instagram</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
fa-twitter"></i> Twitter</a></li>
</ul>
</div>
</div>
<div class="footer-bottom">
<p>&copy; 2025 Venue Registration System. All rights reserved.</p>
</div>
</footer>
<script>
    function loginUser(event) {
        event.preventDefault();

        let email = document.getElementById("email").value;
        let password = document.getElementById("password").value;

        let users = JSON.parse(localStorage.getItem("users")) || [];
        let user = users.find(user => user.email === email && user.password === password);

        if (user) {

```

```

localStorage.setItem("loggedInUser", JSON.stringify(user));
alert("Logged in successful!");
window.location.href = "/Venue_Registration_System_VRS/frontend/previousvenues.html";
} else {
    alert("Invalid email or password! Are you sure you have an account? and this are your correct
details?");
}
}

document.addEventListener("DOMContentLoaded", function () {
    let user = JSON.parse(localStorage.getItem("loggedInUser"));
    let loginNav = document.getElementById("loginNav");
    let logoutNav = document.getElementById("logoutNav");

    if (user) {
        loginNav.innerHTML = `<a
href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
        logoutNav.style.display = "block";
    }
});

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}
</script>
</body>
</html>

```

3.)Register page (loginpage.html):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Register</title>
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylelogin.css">

```

```

</head>
<body>
    <nav>
        <div class="nav-left">
            
            <span>Venue Registration System</span>
        </div>

        <div class="nav-right">
            <ul>
                <li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
                <li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
                    Us</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html"
                    class="login-btn">Get venues now!</a></li>
                <li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
            </ul>
        </div>
    </nav>

    <h2>Register</h2>
    <form onsubmit="registerUser(event)">
        <input type="text" id="username" placeholder="Username" required>
        <input type="email" id="email" placeholder="Email" required>
        <input type="password" id="password" placeholder="Password" required>
        <button type="submit">Sign Up</button>
    </form>

    <p>Already have an account? <a href="/Venue_Registration_System_VRS/frontend/login.html">Login here</a></p>
    <footer>
        <div class="footer-content">
            <div class="footer-section">
                <h3>Quick Links</h3>
                <ul>
                    <li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>

```

```

<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get
Venues</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About
Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
Us</a></li>
</ul>
</div>
<div class="footer-section newsletter">
<h3>Join Our Newsletter</h3>
<input type="email" placeholder="Enter your email">
<button
onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subs
cribe</button>
</div>
<div class="footer-section">
<h3>Follow Us</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i
class="fab fa-facebook"></i> Facebook</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
fa-instagram"></i> Instagram</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
fa-twitter"></i> Twitter</a></li>
</ul>
</div>
</div>
<div class="footer-bottom">
<p>&copy; 2025 Venue Registration System. All rights reserved.</p>
</div>
</footer>
<script>
    function registerUser(event) {
        event.preventDefault();

        let username = document.getElementById("username").value;
        let email = document.getElementById("email").value;
        let password = document.getElementById("password").value;

        let users = JSON.parse(localStorage.getItem("users")) || [];

```

```

let newUser = { username, email, password };
users.push(newUser);

fetch("http://localhost:5500/storeUser", {
  method: "POST",
  headers: {
    "Content-Type": "application/json"
  },
  body: JSON.stringify(newUser)
})
.then(response => response.json())
.then(data => console.log("User stored in DB:", data))
.catch(error => console.error("Error storing user:", error));

alert("Registration successful!");
window.location.href = "/Venue_Registration_System_VRS/frontend/login.html";
}

function loginUser(event) {
  event.preventDefault();

  let email = document.getElementById("email").value;
  let password = document.getElementById("password").value;

  let users = JSON.parse(localStorage.getItem("users")) || [];
  let user = users.find(user => user.email === email && user.password === password);

  if (user) {
    localStorage.setItem("loggedInUser", JSON.stringify(user));
    alert("Logged in successful!");
    window.location.href = "/Venue_Registration_System_VRS/frontend/previousvenues.html";
  } else {
    alert("Invalid email or password! Are you sure you have an account?");
  }
}

document.addEventListener("DOMContentLoaded", function () {
  let user = JSON.parse(localStorage.getItem("loggedInUser"));
  let loginNav = document.getElementById("loginNav");

```

```

let logoutNav = document.getElementById("logoutNav");

if (user) {
    loginNav.innerHTML = `<a
    href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
    logoutNav.style.display = "block";
}
});

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}

</script>
</body>
</html>

```

4.)AboutUs page (aboutus.html):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About Us - Venue Registration System</title>
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
<style>
    body {
        font-family: Arial, sans-serif;
        margin: 0;
        padding: 0;
        box-sizing: border-box;
        background-color: #f8f9fa;
        color: #333;
    }
    header {
        background-color: #4CAF50;
        color: white;

```

```
text-align: center;
padding: 20px;
font-size: 26px;
font-weight: bold;
}

.container {
    max-width: 900px;
    margin: auto;
    padding: 20px;
    text-align: center;
}

h2 {
    color: #2E7D32;
}

p {
    font-size: 18px;
    line-height: 1.6;
}

.highlight {
    font-weight: bold;
    color: #d32f2f;
}

.team-container {
    display: flex;
    flex-wrap: wrap;
    justify-content: center;
    margin-top: 30px;
}

.team-member {
    background: white;
    margin: 15px;
    padding: 15px;
    border-radius: 10px;
    box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.1);
    width: 250px;
    text-align: center;
}

.team-member h3 {
    margin: 10px 0 5px;
    font-size: 20px;
```

```

        color: #2E7D32;
    }
    .team-member p {
        font-size: 16px;
        color: #555;
        margin: 0;
    }
    .contact-info {
        margin-top: 30px;
        background: #e3f2fd;
        padding: 20px;
        border-radius: 10px;
    }

```

</style>

</head>

<body>

<nav>

```

<div class="nav-left">
    
    <span>Venue Registration System</span>
</div>
<div class="nav-right">
    <ul>
        <li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
        <li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
            Us</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html"
            class="login-btn">Get venues now!</a></li>
        <li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
    </ul>
</div>
</nav>
```

<div class="container">

<h2>Welcome to the Venue Registration System</h2>

<p>We specialize in making your event booking process easy, efficient, and hassle-free. Whether it's a wedding, birthday, conference, or any special occasion, we help you find the perfect venue.</p>

<h2>Our Mission</h2>

<p>To provide a seamless and convenient platform for venue booking, offering the best deals and top-rated venues for every occasion.</p>

<h2>Our Vision</h2>

<p>To become the most trusted venue booking system, ensuring every event is memorable and well-organized with quality service and transparent pricing.</p>

<h2>Why Choose Us?</h2>

<p>✓ Best venue deals and offers</p>

<p>✓ Quick and easy booking process</p>

<p>✓ Verified venues with high ratings</p>

<p>✓ 24/7 customer support</p>

<h2>Meet Our Team</h2>

<div class="team-container">

<div class="team-member">

<h3>S Lakshmi Satvika</h3>

</div>

<div class="team-member">

<h3>K Renuka Devi</h3>

</div>

<div class="team-member">

<h3>M Namratha Krishna</h3>

</div>

<div class="team-member">

<h3>A Sai Vamsi Krishna</h3>

</div>

</div>

<div class="contact-info">

<h2>Contact Us</h2>

<p>Email: support@venuesystem.com</p>

<p>Phone: +1 234 567 890</p>

<p>Address: Vadlmaudi,Guntur district,Andhra Pradesh</p>

```

        </div>
    </div>
<footer>
    <div class="footer-content">
        <div class="footer-section">
            <h3>Quick Links</h3>
            <ul>
                <li><a href="/Venue_Registration_System_VRS/frontend/homepage.html">Home</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get
                    Venues</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
                    Us</a></li>
            </ul>
        </div>
        <div class="footer-section newsletter">
            <h3>Join Our Newsletter</h3>
            <input type="email" placeholder="Enter your email">
            <button onclick="window.location.href='/test/frontend/socialmedia.html'">Subscribe</button>
        </div>
        <div class="footer-section">
            <h3>Follow Us</h3>
            <ul>
                <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
                    fa-facebook"></i> Facebook</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
                    fa-instagram"></i> Instagram</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
                    fa-twitter"></i> Twitter</a></li>
            </ul>
        </div>
    </div>
    <div class="footer-bottom">
        <p>&copy; 2025 Venue Registration System. All rights reserved.</p>
    </div>
</footer>
<script>
    document.addEventListener("DOMContentLoaded", function () {
        let user = JSON.parse(localStorage.getItem("loggedInUser"));
        let loginNav = document.getElementById("loginNav");

```

```

let logoutNav = document.getElementById("logoutNav");

if (user) {
    loginNav.innerHTML = `<a
href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
    logoutNav.style.display = "block";
}
});

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}
</script>

<footer class="footer">
    &copy; 2025 Venue Registration System | All Rights Reserved
</footer>

</body>
</html>

```

5.) ConatactUs page (contactus.html):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Contact Us - Venue Registration</title>
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylesnav.css">
</head>
<body>
    <nav>
        <div class="nav-left">
            
            <span>Venue Registration System</span>
        </div>

```

```
<div class="nav-right">
<ul>
<li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
<li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html"
class="login-btn">Get venues now!</a></li>
<li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
</ul>
</div>
</nav>
```

```
<header>
<h1>Contact Us for Venue Registration</h1>
<p>We are available 24/7 for your inquiries and registration requests.</p>
</header>
```

```
<div class="contact-form">
<form id="contact-form">
<label for="venue-name">Venue Name:</label>
<input type="text" id="venue-name" name="venue-name" required>

<label for="owner-name">Owner Name:</label>
<input type="text" id="owner-name" name="owner-name" required>

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

<label for="phone">Phone Number:</label>
<input type="tel" id="phone" name="phone" required>

<label for="message">Message:</label>
<textarea id="message" name="message" rows="5" required></textarea>

<button type="submit">Submit</button>
```

```
</form>

<div id="response-message"></div>
</div>

<footer>
<p>We are available 24/7. You can contact us at any time!</p>
<footer>
<div class="footer-content">
<div class="footer-section">
<h3>Quick Links</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/frontend/homepage.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get Venues</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact Us</a></li>
</ul>
</div>
<div class="footer-section newsletter">
<h3>Join Our Newsletter</h3>
<input type="email" placeholder="Enter your email">
<button onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subscribe</button>
</div>
<div class="footer-section">
<h3>Follow Us</h3>
<ul>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html" class="fab fa-facebook"><i class="fab fa-facebook"></i> Facebook</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html" class="fab fa-instagram"><i class="fab fa-instagram"></i> Instagram</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html" class="fab fa-twitter"><i class="fab fa-twitter"></i> Twitter</a></li>
</ul>
</div>
```

```

        </div>
        <div class="footer-bottom">
            <p>&copy; 2025 Venue Registration System. All rights reserved.</p>
        </div>
    </footer>
</footer>

<script>
    document.addEventListener("DOMContentLoaded", function () {
        let user = JSON.parse(localStorage.getItem("loggedInUser"));
        let loginNav = document.getElementById("loginNav");
        let logoutNav = document.getElementById("logoutNav");

        if (user) {
            loginNav.innerHTML = `<a href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
            logoutNav.style.display = "block";
        }
    });
}

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}
</script>
</body>
</html>

```

6.) Venue Search Form Page (registrationpage.html):

```

<!DOCTYPE html>
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Online Venue Registration System</title>
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/styleregpage.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
</head>

```

```
<body>
<nav>
    <div class="nav-left">
        
        <span>Venue Registration System</span>
    </div>
    <div class="nav-right">
        <ul>
            <li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
            <li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
            <li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact Us</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html" class="login-btn">Get venues now!</a></li>
                <li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
            </ul>
        </div>
    </nav>

    <center>
        <div id="RegisterPage" class="page">
            <form id="registrationForm">
                <label for="name">Name of the User:</label>
                <input type="text" id="name" name="user_name" placeholder="Enter your name (You can proceed without entering here)">

                <label for="email">Email of the User:</label>
                <input type="email" id="email" name="user_email" placeholder="Enter your email (You can proceed without entering here)">

                <label for="event_type">Choose the type of event you're hosting:</label>
                <select id="event_type" name="event_type" required>
                    <option value="" selected hidden></option>
                    <option value="birthday">Birthday Party</option>
                    <option value="wedding">Marriage</option>
                    <option value="engagement">Engagement</option>
                    <option value="conference">Conference</option>
                </select>
            </form>
        </div>
    </center>

```

```

<option value="corporate">Corporate Events</option>
<option value="kitty party">Kitty Party</option>
</select>

<label for="location">Choose the location of your event:</label>
<select id="location" name="event_location" required>
    <option value="" selected hidden></option>
    <option value="tenali">Tenali</option>
    <option value="guntur">Guntur</option>
    <option value="vijayawada">Vijayawada</option>
</select>

<label for="guests">Number of People Expected:</label>
<input type="number" id="guests" name="expected_guests" placeholder="Enter the number"
min=10 required>
<br>

<button type="submit">Find Suitable Venues</button>
</form>
</div>
</center>
<footer>
    <div class="footer-content">
        <div class="footer-section">
            <h3>Quick Links</h3>
            <ul>
                <li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get
                    Venues</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About
                    Us</a></li>
                <li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
                    Us</a></li>
            </ul>
        </div>
        <div class="footer-section newsletter">
            <h3>Join Our Newsletter</h3>
            <input type="email" placeholder="Enter your email">
            <button
                onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subs
            </button>
        </div>
    </div>

```

```

    critee</button>
  </div>
  <div class="footer-section">
    <h3>Follow Us</h3>
    <ul>
      <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab fa-facebook"></i> Facebook</a></li>
      <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab fa-instagram"></i> Instagram</a></li>
      <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab fa-twitter"></i> Twitter</a></li>
    </ul>
  </div>
  <div class="footer-bottom">
    <p>&copy; 2025 Venue Registration System. All rights reserved.</p>
  </div>
</footer>
<script>
  document.getElementById("registrationForm").addEventListener("submit", async function(event)
{
  event.preventDefault();
  const formData = {
    user_name: document.getElementById("name").value || "Name not provided",
    user_email: document.getElementById("email").value || "Email not provided",
    event_type: document.getElementById("event_type").value,
    event_location: document.getElementById("location").value,
    expected_guests: parseInt(document.getElementById("guests").value, 10)
  };

  try {
    const response = await fetch("https://spsmkpn4-5500.inc1.devtunnels.ms/findVenues", {
      method: "POST",
      headers: { "Content-Type": "application/json" },
      body: JSON.stringify(formData)
    });

    if (!response.ok) {
      const errorText = await response.text();
      throw new Error(`HTTP error! Status: ${response.status} - ${errorText}`);
    }
  }
}

```

```

    }

    const result = await response.json();
    console.log("Parsed JSON:", result);

    localStorage.setItem("venuesData", JSON.stringify(result));
    window.location.href = "/Venue_Registration_System_VRS/frontend/possiblevenues.html";

} catch (error) {
    console.error("Fetch error:", error);
}
});

document.addEventListener("DOMContentLoaded", function () {
    let user = JSON.parse(localStorage.getItem("loggedInUser"));
    let loginNav = document.getElementById("loginNav");
    let logoutNav = document.getElementById("logoutNav");

    if (user) {
        loginNav.innerHTML = `<a href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
        logoutNav.style.display = "block";
    }
});

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}

</script>

</body>
</html>
7.)Possible Venues page (possiblevenues.html):
<!DOCTYPE html>
<html lang="en">
<head>
```

```

<base href="/Venue_Registration_System_VRS/">
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Available Venues</title>
<link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
<link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylevenues.css">
<link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
<script src="/Venue_Registration_System_VRS/frontend/bookings.js"></script>
</head>
<body>
<nav>
<div class="nav-left">

<span>Venue Registration System</span>
</div>
<div class="nav-right">
<ul>
<li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
<li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html" class="login-btn">Get venues now!</a></li>
<li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
</ul>
</div>
</nav>

<center>
<h2>Available Venues</h2>
<div id="userDetails" class="user-card"></div>
<div id="venueList" class="venue-container"></div>
</center>
<footer>
<div class="footer-content">
<div class="footer-section">
<h3>Quick Links</h3>

```

```

<ul>
    <li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
    <li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get
    Venues</a></li>
    <li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About
    Us</a></li>
    <li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
    Us</a></li>
</ul>
</div>
<div class="footer-section newsletter">
    <h3>Join Our Newsletter</h3>
    <input type="email" placeholder="Enter your email">
    <button
        onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subs
        cribe</button>
</div>
<div class="footer-section">
    <h3>Follow Us</h3>
    <ul>
        <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i
        class="fab fa-facebook"></i> Facebook</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
        fa-instagram"></i> Instagram</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab
        fa-twitter"></i> Twitter</a></li>
    </ul>
</div>
<div class="footer-bottom">
    <p>&copy; 2025 Venue Registration System. All rights reserved.</p>
</div>
</footer>
<script>
    document.addEventListener("DOMContentLoaded", function () {
        const venuesContainer = document.getElementById("venueList");
        const userDetailsContainer = document.getElementById("userDetails");

        const data = localStorage.getItem("venuesData");

```

```

if (!data) {
    venuesContainer.innerHTML = "<p>No venues found.</p>";
    return;
}

const parsedData = JSON.parse(data);
const { user, venues } = parsedData;

if (!venues || venues.length === 0) {
    venuesContainer.innerHTML = "<p>No suitable venues found.</p>";
    return;
}

```

userDetailsContainer.innerHTML = `

```

<h3>User Details</h3>
<p><strong>Name:</strong> ${user.user_name}</p>
<p><strong>Email:</strong> ${user.user_email}</p>
<p><strong>Event Type:</strong> ${user.event_type}</p>
<p><strong>Event Location:</strong> ${user.event_location}</p>
<p><strong>Expected Guests:</strong> ${user.expected_guests}</p>
`;

```

venuesContainer.innerHTML = venues.map(venue => `

```

<div class="venue-card">
    <h3>${venue.venueName}</h3>
    <p><strong>Location:</strong> ${venue.event_location}</p>
    <p><strong>Address:</strong> ${venue.address}</p>
    <p><strong>Capacity:</strong> ${venue.capacity}</p>
    <p><strong>Event Types:</strong> ${venue.event_type.join(", ")})</p>
    <p><strong>Rating:</strong> ★ ${venue.stars}</p>
    <p><strong>Contact:</strong> ${venue.contactInfo.phone}</p>
    <button class="pay-button" onclick="bookVenue('${venue.venueName}', ${venue.address}, ${venue.capacity})">
        Add this Venue to your list.
    </button>

```

</div>

```

`).join("");

```

```

    });

document.addEventListener("DOMContentLoaded", function () {
    let user = JSON.parse(localStorage.getItem("loggedInUser"));
    let loginNav = document.getElementById("loginNav");
    let logoutNav = document.getElementById("logoutNav");

    if (user) {
        loginNav.innerHTML = `<a href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
        logoutNav.style.display = "block";
    }
});

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}

</script>
</body>
</html>

```

8) Previous Venues Page (previousvenues.html):

```

<!DOCTYPE html>
<html lang="en">
<head>
    <base href="/Venue_Registration_System_VRS/">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Booked Venues</title>
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylenav.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylevenues.css">
    <link rel="stylesheet" href="/Venue_Registration_System_VRS/frontend/stylefooter.css">
    <script src="/Venue_Registration_System_VRS/frontend/bookings.js"></script>
</head>
<body>
    <nav>
        <div class="nav-left">

```

```


<span>Venue Registration System</span>
</div>
<div class="nav-right">
<ul>
<li><a href="/Venue_Registration_System_VRS/index.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About Us</a></li>
<li id="loginNav"><a href="/Venue_Registration_System_VRS/frontend/login.html">Login</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html"
class="login-btn">Get venues now!</a></li>
<li id="logoutNav" style="display: none;"><a href="#" onclick="logoutUser()">Logout</a></li>
</ul>
</div>
</nav>

<center>
<h2>My Booked Venues</h2>
<div id="userDetails" class="user-card"></div>
<div id="venueList" class="venue-container"></div>
</center>
<footer>
<div class="footer-content">
<div class="footer-section">
<h3>Quick Links</h3>
<ul>
<li><a href="homepage.html">Home</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/registrationpage.html">Get
Venues</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/aboutus.html">About
Us</a></li>
<li><a href="/Venue_Registration_System_VRS/frontend/contactus.html">Contact
Us</a></li>
</ul>
</div>
<div class="footer-section newsletter">
<h3>Join Our Newsletter</h3>

```

```

<input type="email" placeholder="Enter your email">
<button
    onclick="window.location.href='/Venue_Registration_System_VRS/frontend/socialmedia.html'">Subscribe</button>
</div>
<div class="footer-section">
    <h3>Follow Us</h3>
    <ul>
        <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab fa-facebook"></i> Facebook</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab fa-instagram"></i> Instagram</a></li>
        <li><a href="/Venue_Registration_System_VRS/frontend/socialmedia.html"><i class="fab fa-twitter"></i> Twitter</a></li>
    </ul>
</div>
</div>
<div class="footer-bottom">
    <p>&copy; 2025 Venue Registration System. All rights reserved.</p>
</div>
</footer>
<script>
    document.addEventListener("DOMContentLoaded", function () {
        const venuesContainer = document.getElementById("venueList");
        const userDetailsContainer = document.getElementById("userDetails");

        const user = JSON.parse(localStorage.getItem("loggedInUser"));
        if (!user) {
            venuesContainer.innerHTML = "<p>Please log in to see your booked venues.</p>";
            return;
        }

        const bookedVenues = JSON.parse(localStorage.getItem("bookedVenues")) || {};
        const userVenues = bookedVenues[user.email] || [];

        userDetailsContainer.innerHTML = `

            <h3>User Details</h3>
            <p><strong>Name:</strong> ${user.username}</p>
            <p><strong>Email:</strong> ${user.email}</p>
        `;
    });

```

```

if (userVenues.length === 0) {
    venuesContainer.innerHTML = "<p>You haven't made any bookings yet! Go and Browse for some venues!.</p>";
    return;
}

venuesContainer.innerHTML = userVenues.map(venue => `

<div class="venue-card">
    <h3>${venue.venueName}</h3>
    <p><strong>Address:</strong> ${venue.address}</p>
    <p><strong>Capacity:</strong> ${venue.capacity}</p>
</div>
`).join("");
});

document.addEventListener("DOMContentLoaded", function () {
    let user = JSON.parse(localStorage.getItem("loggedInUser"));
    let loginNav = document.getElementById("loginNav");
    let logoutNav = document.getElementById("logoutNav");

    if (user) {
        loginNav.innerHTML = `<a href="/Venue_Registration_System_VRS/frontend/previousvenues.html">Get Booked Venues</a>`;
        logoutNav.style.display = "block";
    }
});

function logoutUser() {
    localStorage.removeItem("loggedInUser");
    window.location.href = "/Venue_Registration_System_VRS/index.html";
}

</script>
</body>
</html>

```

9)stylenav.css:

```
body {
```

```
    font-family: 'Poppins', sans-serif;
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    color: #333;
    text-align: center;
}
```

```
nav {
    background-color: #4CAF50;
    padding: 10px 20px;
    display: flex;
    align-items: center;
    justify-content: space-between;
}
```

```
.nav-left {
    display: flex;
    align-items: center;
    gap: 10px;
}
```

```
.nav-left img {
    height: 40px;
}
```

```
.nav-left span {
    color: white;
    font-size: 20px;
    font-weight: bold;
}
```

```
.nav-right ul {
    list-style: none;
    margin: 0;
    padding: 0;
    display: flex;
    gap: 20px;
}
```

```

.nav-right ul li {
    display: inline;
}

.nav-right ul li a {
    text-decoration: none;
    color: white;
    font-size: 18px;
    padding: 10px 15px;
}

.nav-right ul li a:hover {
    background-color: #333;
    border-radius: 5px;
    cursor: pointer;
}

.login-btn {
    background: #f8c102;
    padding: 10px 15px;
    border-radius: 5px;
    font-weight: bold;
    color: black;
}

.login-btn:hover {
    background: #e0a800;
    cursor: pointer;
}

```

10) stylefooter.css:

```
@import url("https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css");
```

```

body {
    display: flex;
    flex-direction: column;
    min-height: 100vh;
    margin: 0;
}
```

```
.content {
    flex: 1;
}

footer {
    background: #222;
    color: white;
    padding: 20px;
    text-align: center;
    margin-top: auto;
}

.footer-content {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-around;
    align-items: flex-start;
    gap: 20px;
    max-width: 1200px;
    margin: 0 auto;
}

.footer-section {
    max-width: 300px;
    text-align: left;
}

.footer-section h3 {
    font-size: 18px;
    margin-bottom: 10px;
    color: #007BFF;
}

.footer-section ul {
    list-style: none;
    padding: 0;
}
```

```
.footer-section ul li {  
    margin: 5px 0;  
}  
  
.footer-section a {  
    color: #ccc;  
    text-decoration: none;  
    transition: color 0.3s ease;  
}  
  
.footer-section a:hover {  
    color: #007BFF;  
}  
  
.newsletter input {  
    width: 100%;  
    max-width: 220px;  
    padding: 10px;  
    border-radius: 25px;  
    border: none;  
    outline: none;  
    margin-bottom: 10px;  
}  
  
.newsletter button {  
    background: #007BFF;  
    color: white;  
    border: none;  
    padding: 10px 20px;  
    border-radius: 25px;  
    cursor: pointer;  
}  
  
.newsletter button:hover {  
    background: #0056b3;  
}  
  
.footer-bottom {  
    margin-top: 20px;  
    font-size: 14px;  
}
```

```
    color: #aaa;  
}
```

11) stylevenues.css:

```
body {  
    font-family: Arial, sans-serif;  
    text-align: center;  
    background-color: #f9f9f9;  
}
```

```
.payment-card {  
    background: white;  
    padding: 20px;  
    border-radius: 10px;  
    box-shadow: 0px 4px 6px rgba(0, 0, 0, 0.1);  
    display: inline-block;  
    text-align: left;  
    margin-top: 20px;  
}
```

```
button {  
    background-color: #28a745;  
    color: white;  
    padding: 10px 20px;  
    border: none;  
    border-radius: 5px;  
    font-size: 16px;  
    cursor: pointer;  
    margin-top: 20px;  
}
```

```
button:hover {  
    background-color: #218838;  
}
```

```
.user-card {  
    background: white;  
    padding: 15px;  
    margin: 20px auto;
```

```

width: 50%;
border-radius: 8px;
box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.1);
text-align: left;
}

.venue-container {
display: flex;
flex-wrap: wrap;
justify-content: center;
gap: 15px;
margin-top: 20px;
}

.venue-card {
background: white;
padding: 15px;
width: 50%;
border-radius: 8px;
box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.1);
text-align: left;
}

.venue-card h3 {
margin-bottom: 5px;
}

.venue-card p {
margin: 5px 0;
}

.venue-container {
display: flex;
flex-direction: column;
align-items: center;
gap: 20px;
}

```

12) bookings.js:

```
const isGithub = location.hostname.includes("github.io");
```

```

const API_BASE = isGithub
  ? "https://spsmkpn4-5500.firebaseio.dev/tunnels.ms"
  : "http://localhost:5500";

function getLoggedInUser() {
  return JSON.parse(localStorage.getItem("loggedInUser"));
}

function getBookedVenues() {
  return JSON.parse(localStorage.getItem("bookedVenues")) || {};
}

function saveBookedVenues(bookedVenues) {
  localStorage.setItem("bookedVenues", JSON.stringify(bookedVenues));
}

async function storeUserInDB(user) {
  try {
    let response = await fetch(`/${API_BASE}/register`, {
      method: "POST",
      headers: {
        "Content-Type": "application/json"
      },
      body: JSON.stringify(user)
    });

    let data = await response.json();
    console.log("User saved in MongoDB:", data);
  } catch (error) {
    console.error("Error saving user to MongoDB:", error);
  }
}

function registerUser(event) {
  event.preventDefault();

  let username = document.getElementById("username").value;
  let email = document.getElementById("email").value;
  let password = document.getElementById("password").value;

```

```

let users = JSON.parse(localStorage.getItem("users")) || [];

if (users.some(user => user.email === email)) {
    alert("Email already registered!");
    return;
}

let newUser = { username, email, password };

users.push(newUser);
localStorage.setItem("users", JSON.stringify(users));

storeUserInDB(newUser);

alert("Registration successful!");
window.location.href = "/Venue_Registration_System_VRS/frontend/login.html";
}

function loginUser(event) {
    event.preventDefault();

    let email = document.getElementById("email").value;
    let password = document.getElementById("password").value;

    let users = JSON.parse(localStorage.getItem("users")) || [];
    let user = users.find(user => user.email === email && user.password === password);

    if (user) {
        localStorage.setItem("loggedInUser", JSON.stringify(user));
        alert("Logged in successfully!");
        window.location.href = "/Venue_Registration_System_VRS/frontend/previousvenues.html";
    } else {
        alert("Invalid email or password!");
    }
}

function bookVenue(venueName, address, capacity) {
    let user = JSON.parse(localStorage.getItem("loggedInUser"));

```

```

if (!user) {
    alert("Please log in to book a venue.");
    return;
}

let bookedVenues = JSON.parse(localStorage.getItem("bookedVenues")) || {};
let userEmail = user.email;

if (!bookedVenues[userEmail]) {
    bookedVenues[userEmail] = [];
}

if (bookedVenues[userEmail].some(venue => venue.venueName === venueName)) {
    alert("You have already booked this venue.");
    return;
}

bookedVenues[userEmail].push({ venueName, address, capacity });
localStorage.setItem("bookedVenues", JSON.stringify(bookedVenues));

alert("Venue booked successfully!");
window.location.href = "/Venue_Registration_System_VRS/frontend/previousvenues.html";
}

```

13) server.js:

```

const express = require("express");
const cors = require("cors");
const { MongoClient } = require("mongodb");

const app = express();
const PORT = 5500;

// If you're using MongoDB locally, this stays the same.
// You can replace this URI with your Atlas URI if needed.
const MONGO_URI = "mongodb://10.10.28.109:27017/";

// CORS config: Allow GitHub Pages frontend and DevTunnel access
app.use(cors());

```

```

app.use(express.json());

// MongoDB connection
let client;

async function connectDB() {
  client = new MongoClient(MONGO_URI);
  await client.connect();
  console.log(" ✅ Connected to MongoDB.");
}

connectDB();

const usersCollection = () => client.db("users").collection("users");

// Health check endpoint
app.get("/", (req, res) => {
  res.send(" 🎉 Venue backend is running!");
});

// Store user (used during registration)
app.post("/storeUser", async (req, res) => {
  try {
    const { username, email, password } = req.body;
    if (!username || !email || !password) {
      return res.status(400).json({ error: "Missing user details" });
    }

    await usersCollection().updateOne(
      { email },
      { $set: { username, email, password } },
      { upsert: true }
    );

    res.json({ message: " ✅ User info stored successfully." });
  } catch (err) {
    console.error(" ❌ Error storing user info:", err);
    res.status(500).json({ error: "Database error" });
  }
});

```

```

// Venue databases by location
const DATABASES = {
    tenali: { db: "vTenali1", collection: "vTenali1" },
    guntur: { db: "vGuntur1", collection: "vGuntur1" },
    vijayawada: { db: "vVijaya1", collection: "vVijaya1" }
};

function getDBAndCollection(event_location) {
    const key = event_location.toLowerCase();
    if (!DATABASES[key]) {
        throw new Error(`Invalid event location: ${event_location}`);
    }
    return client.db(DATABASES[key].db).collection(DATABASES[key].collection);
}

// Find venues endpoint
app.post("/findVenues", async (req, res) => {
    console.log("👉 Received request:", req.body);

    const { user_name, user_email, event_type, event_location, expected_guests } = req.body;

    if (!event_type || !event_location || !expected_guests) {
        return res.status(400).json({ error: "Missing required fields" });
    }

    try {
        const venuesCollection = getDBAndCollection(event_location);
        const filteredVenues = await venuesCollection.find({
            place: { $regex: new RegExp(`^${event_location}$`, "i") },
            capacity: { $gte: expected_guests },
            event_type: { $in: [event_type] }
        }).toArray();

        console.log("✅ Filtered venues:", filteredVenues);
        res.json({ user: req.body, venues: filteredVenues });

    } catch (err) {
        console.error("❌ Error fetching venues:", err);
        res.status(500).json({ error: "Database error" });
    }
}

```

```

});  
  

// Start server  

app.listen(PORT, () => {  

  console.log(`🚀 Server running on http://localhost:\${PORT}`); })  


```

4.2 TEST CASES

Login Page (login.html)

| Test Case ID | Test Scenario | Test Steps | Expected Result |
|--------------|------------------------------|--|---|
| TC001 | Verify valid login | Enter valid username and password, click Login | User is logged in and navigated to homepage |
| TC002 | Verify invalid login | Enter invalid credentials, click Login | Error message displayed for incorrect credentials |
| TC003 | Check empty field validation | Keep fields empty and click Login | Error message displayed for empty fields |

2.Register Page (loginpage.html)

| Test Case ID | Test Scenario | Test Steps | Expected Result |
|--------------|---------------------------------|---|--|
| TC004 | Verify successful registration | Enter valid details and submit | Account created and confirmation displayed |
| TC005 | Check required field validation | Leave mandatory fields empty and submit | Error message displayed for empty fields |

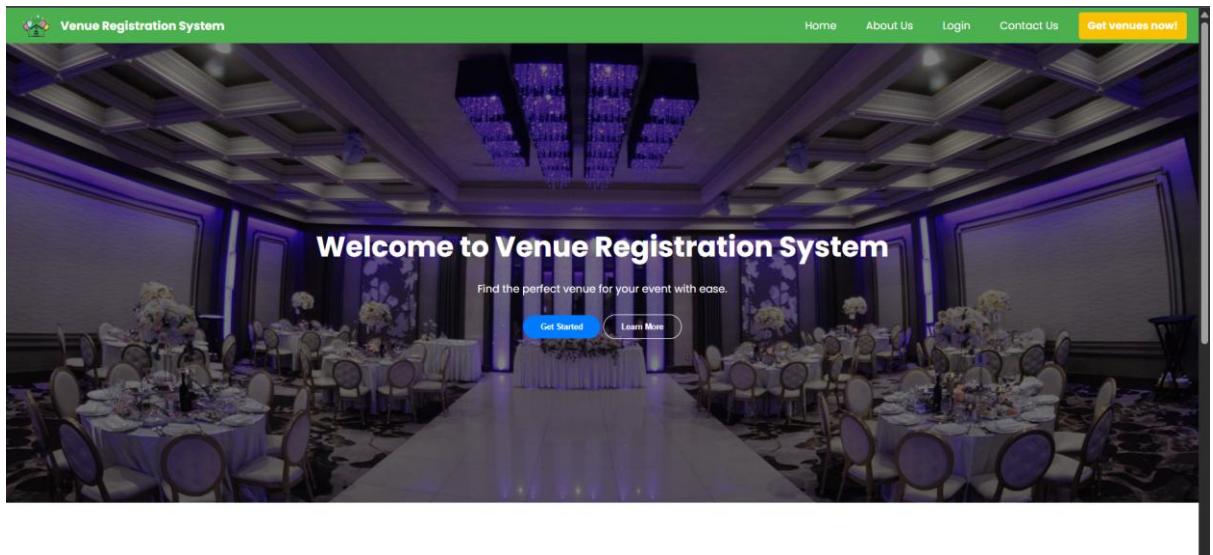
3. Venue Selection Page (registrationpage.html)

| Test Case ID | Test Scenario | Test Steps | Expected Result |
|---------------------|-----------------------------------|---|---|
| TC006 | Verify venue search functionality | Enter location, function type, and capacity, click Search | Relevant venues displayed |
| TC007 | Check empty search validation | Click Search without entering any data | Error message displayed for empty search criteria |
| TC008 | Verify Add to Cart functionality | Select venue and click Add this venue to your list | Venue added to cart i.e., saved into our account. |

Results

5.1 OUTPUT SCREENS:

Home Page:



A screenshot of the 'Why Choose Us?' section on the home page. It features four white boxes with rounded corners, each containing an icon and text. The first box is titled 'Wide Range of Venues' with an icon of a building. The second is 'Professional Support' with an icon of a briefcase. The third is 'Easy Process' with an icon of a clipboard. The fourth is 'Straight to the point' with an icon of a heart. Each box also contains a small amount of descriptive text. Above this section is the heading 'Why Choose Us?'. At the very bottom of the page is a dark footer bar with links for 'Quick Links', 'Join Our Newsletter', and 'Follow Us' along with social media icons for Facebook, Instagram, and Twitter.

About us Page:

The screenshot shows the 'About Us' page of a website. At the top, there is a navigation bar with links for Home, About Us, Contact Us, Login (which is highlighted in yellow), and Create Account. Below the navigation bar, the title 'Welcome to the Venue Registration System' is displayed in bold green text. A brief description follows: 'We specialize in making your event booking process **easy, efficient, and hassle-free**. Whether it's a wedding, birthday, conference, or any special occasion, we help you find the perfect venue.' Under this, the 'Our Mission' section is introduced with the text: 'To provide a seamless and convenient platform for venue booking, offering the **best deals and top-rated venues** for every occasion.' The 'Our Vision' section states: 'To become the most trusted venue booking system, ensuring every event is **memorable and well-organized** with quality service and transparent pricing.' The 'Why Choose Us?' section lists five benefits with checkmarks: 'Best venue deals and offers', 'Quick and easy booking process', 'Verified venues with high ratings', and '24/7 customer support'. The entire page has a light gray background.

The screenshot shows the 'Contact Us' page. At the top, there is a navigation bar with links for Home, About Us, Contact Us, Login (highlighted in yellow), and Create Account. Below the navigation bar, the title 'Meet Our Team' is displayed in bold green text. Four team members are listed in boxes: S Lakshmi Satvika, K Renuka Devi, M Namratha Krishna, and A Sai Vamsi Krishna. Below this, a blue contact information box contains the 'Contact Us' section title, email address (support@venuesystem.com), phone number (+1 234 567 890), and address (Vadimudi, Guntur district, Andhra Pradesh). At the bottom of the page, a copyright notice reads '© 2025 Venue Registration System | All Rights Reserved'.

Contact us page:

The screenshot shows the 'Contact Us for Venue Registration' page. At the top, there is a navigation bar with links for Home, About Us, Contact Us, Login (highlighted in yellow), and Create Account. Below the navigation bar, a green header bar displays the title 'Contact Us for Venue Registration' and a message: 'We are available 24/7 for your inquiries and registration requests.' The main content area contains a form with fields for 'Venue Name', 'Owner Name', 'Email Address', 'Phone Number', and 'Message', each with its own input field. A 'Submit' button is located at the bottom of the form. At the very bottom of the page, a black footer bar contains the text 'We are available 24/7. You can contact us at any time!'

Login Page:

The screenshot shows the login interface of the Venue Registration System. At the top, there's a green header bar with the system logo and the text "Venue Registration System". To the right of the header are links for "Home", "About Us", "Login", "Contact Us", and a yellow button labeled "Get venues now!". Below the header, the word "Login" is centered above a form. The form contains three input fields: "Email", "Password", and a blue "Login" button. At the bottom of the form, a small link says "Don't have an account? [Sign up here](#)".

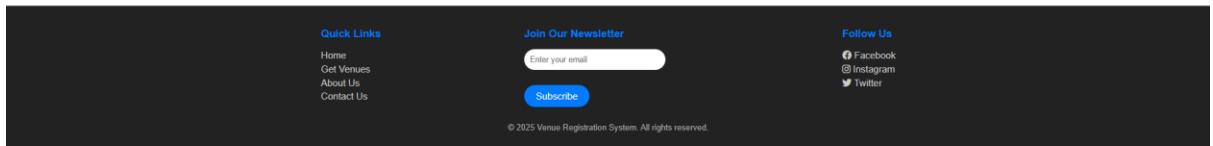
Register Page:

The screenshot shows the register interface of the Venue Registration System. It has a similar green header bar with the logo and "Venue Registration System" text, and standard navigation links. Below the header, the word "Register" is centered above a registration form. This form includes three input fields: "Username", "Email", and "Password", followed by a blue "Sign Up" button. A small link at the bottom of the form says "Already have an account? [Login here](#)".

At the very bottom of the page, there's a dark footer bar containing "Quick Links" (Home, Get Venues, About Us, Contact Us), a "Join Our Newsletter" section with an input field and a "Subscribe" button, and a "Follow Us" section with social media links for Facebook, Instagram, and Twitter. A copyright notice at the bottom of the footer states "© 2025 Venue Registration System. All rights reserved."

Venue Form filling Page:

The screenshot shows a form titled "Venue Registration System". It includes fields for "Name of the User" (with placeholder "Enter your name (You can proceed without entering here)"), "Email of the User" (placeholder "Enter your email (You can proceed without entering here)"), "Choose the type of event you're hosting" (dropdown menu), "Choose the location of your event" (dropdown menu), and "Number of People Expected" (text input field with placeholder "Enter the number"). A blue button at the bottom right says "Find Suitable Venues".



Possible Venues Page:

The screenshot shows a list of available venues. At the top, it says "Available Venues". Below that is a "User Details" section with placeholder text: "Name: Name not provided", "Email: Email not provided", "Event Type: wedding", "Event Location: tenali", and "Expected Guests: 100". The first venue listed is "Sri Navodaya Function Hall" with details: "Location: undefined", "Address: Guntur Road, Sultanabad, Tenali, Andhra Pradesh 522202", "Capacity: 400", "Event Types: wedding, engagement, corporate, conference", "Rating: 3.9", and "Contact: 9700275111". A green button says "Add this Venue to your list.". The second venue listed is "Goutham Grand Hotel" with details: "Location: undefined", "Address: D No: 8-19-110, Railway Station Road, Morrispet, Tenali - 522202, Guntur(Dist), Andhra Pradesh", "Capacity: 1000", "Event Types: engagement, wedding, birthday, corporate, conference", "Rating: 4.4", and "Contact: 7690000695". Another green button says "Add this Venue to your list."

Previous Bookings Page:

The screenshot shows a web application interface for a venue registration system. At the top, there is a green header bar with the title "Venue Registration System". Below the header, the main content area is titled "My Booked Venues".

The content is organized into three main sections:

- User Details:** Displays the user's name (batch14) and email (batch14@gmail.com).
- Fortune Murali Park:** Shows the address (40-1-28, MG Road, Labbipet, Vijayawada, Andhra Pradesh) and capacity (400).
- Goutham Grand Hotel:** Shows the address (D No. 8-19-110, Railway Station Road, Morrispet, Tenali - 522202, Guntur(Dist), Andhra Pradesh) and capacity (1000).

At the bottom of the page, there is a dark footer bar containing links for "Quick Links" (Home, Get Venues, About Us, Contact Us), a "Join Our Newsletter" form, and "Follow Us" social media links for Facebook, Instagram, and Twitter.

5.2 CONCLUSION

The Venue Registration System project successfully streamlines the process of finding, selecting, and booking venues for various events. By offering a user-friendly interface and intuitive functionalities, the system enhances user convenience and reduces the time and effort involved in venue booking.

Key features such as user registration, venue search, booking management, and payment processing ensure a seamless experience for both users and administrators. The system also provides essential validation mechanisms to prevent errors, ensuring data accuracy and reliability.

Furthermore, the clear separation of user roles and secure authentication mechanisms add to the overall robustness of the system. The platform's ability to display available venues based on user preferences, manage booking details, and facilitate payments demonstrates its practical applicability in real-world scenarios.

In conclusion, the Venue Registration System meets its objective of simplifying the event venue booking process, offering a reliable and efficient solution for searching the venues . Future enhancements could include additional payment options, advanced search filters, and mobile application support to further improve user experience.

5.3 REFERENCES

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