**A**

**PROJECT REPORT ON**

**“ODISHA TOURISM”**

**Semester: -5th&6th**

**(Submitted By: - Group 4)**

**Dissertation submitted in partial fulfilment of the requirements for the degree of**

**diploma in Computer Science and Engineering**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**BHADRAK ENGINEERING SCHOOL AND TECHNOLOGY(BEST)**

**For Academic Year (2022-2025)**

**CERTIFICATE**

This is to certify that the work in this Project Report entitled

**"ODISHA TOURISM"** by 6TH sem students has been carried out under my supervision in partial fulfilment of the requirements for the Diploma in Computer Science and Engineering during session 2022- 2025 in Department of Computer Science and Engineering of Bhadrak Engineering School & Technology (BEST) and this work is the original work of the below students.

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**ABSTRACT**

**The *Odisha Tourist Management System* is a web-based application designed to streamline and enhance tourism experiences across the culturally rich state of Odisha. Developed using PHP and MySQL, this system integrates a user-friendly interface for both tourists and administrators. It allows tourists to explore detailed information about various tourist destinations, view dynamic media galleries of photos and videos, and interact with real-time maps showing nearby facilities such as bus stops, hostels, petrol pumps, and hospitals.**

**Tourists can create accounts, log in, and book tourist spots and guides directly from the portal. The admin panel empowers authorized personnel to manage user accounts, approve or decline bookings, manage the database of tourist places and guides, and oversee all aspects of the platform. A notable feature of the system is the integration of Google Maps API to offer location-based services, enhancing navigation and planning.**

**This project promotes tourism by offering a centralized platform that digitizes and simplifies the entire process of trip planning and guide coordination in Odisha. It aims to bridge the gap between tourists and service providers while supporting local tourism development in a secure, efficient, and scalable manner.**

**INTRODUCTION**

The Odisha Tourist Management System is a comprehensive web-based solution designed to modernize and streamline tourism services in the culturally rich state of Odisha, India. Odisha is renowned for its historical monuments, temples, beaches, and tribal traditions, attracting tourists from around the world. However, with increasing tourism, manual systems become inefficient in handling the volume of information and bookings. This system aims to digitize the process by enabling users (tourists) to interact with a centralized platform for exploring destinations, viewing dynamic galleries, making bookings for places and guides, and accessing nearby facilities through map integration.

The system also empowers administrative users to manage tourist data, approve or reject bookings, handle guide availability, and maintain up-to-date media and location information. By combining modern web technologies with geographic information systems (GIS), this project provides a smart tourism platform aligned with Odisha’s digital transformation initiatives.

**LITERATURE SURVEY**

Several existing tourism-related platforms focus solely on providing static information. These platforms often lack essential features such as interactive maps, real-time media content, booking functionalities, and administrative approval mechanisms. Systems like MakeMyTrip or TripAdvisor offer general tourism functionalities, but they are not tailored to regional needs and often miss out on integrating local culture, government guidelines, or location-specific services.

A detailed analysis of similar systems reveals the following gaps:

* Lack of real-time guide and booking management
* No interactive GIS mapping or coordinate tracking
* Minimal integration of local events, culture, or district-specific content
* Absence of admin moderation workflows for bookings

This project bridges the above gaps by offering a region-focused, interactive, and easily manageable platform. By incorporating GPS-based location services, a robust database schema, and an intuitive UI, the system ensures both user engagement and administrative control.

**PROPOSED PROJECT**

**Project Description-**

The Odisha Tourist Management System is structured into two main user roles: Tourist (User) and Admin. Tourists can register, log in, and access features like browsing tourist places, viewing detailed descriptions, accessing dynamic image/video galleries, and viewing nearby services such as hospitals, petrol pumps, hotels, and bus stops through integrated maps. Users can book a visit to a location or hire a local guide.

Administrators have access to a dedicated admin panel where they can:

* Approve or reject place/guide bookings
* Manage users and their bookings
* Add/update/delete tourist locations, guides, and media
* View coordinates and geolocation data of tourist spots

All information flows through a centralized MySQL database, ensuring consistency, integrity, and accessibility.

**Implementation Details-**

* **Frontend:** HTML5, CSS3, JavaScript (with Bootstrap)
* **Backend:** PHP 7.x and above
* **Booking Workflow:** Status field maintained with options like Pending, approved; only Admins can change the status

**Database Structure:**

* **Users Table**: Stores tourist data like name, email, phone, login details.
* **Admins Table**: Stores admin credentials and access level.
* **Places Table**: Name, description, media links, location coordinates.
* **Bookings Table**: Stores booking records with user ID, place ID, status.
* **Guiders Table**: Name, contact, specialty, availability.
* **Guide Booking Table**: Booking details with assigned guide info.

**Function Modules:**

* **Login System**: PHP session-based authentication with role-based access.
* **Booking Engine**: Validates availability, updates database, triggers notifications.
* **Media Gallery**: PHP fetches image/video paths from MySQL and displays dynamically.
* **Map Display**: Google Maps loads tourist spot and nearby facility markers using latitude/longitude.
* **Admin Dashboard**: Built with tables, filters, and status toggles.

**Tools & Services:**

* **XAMPP**: For local development.
* **phpMyAdmin**: For database management.
* **Google Maps Platform**: For coordinates and maps.
* **File Upload System**: For adding media content by admin.

**Software Requirements-**

* Operating System: Windows/Linux/Mac
* Web Browser: Google Chrome, Firefox, Edge
* Web Server: Apache (recommended via XAMPP)
* PHP version: 7.x or above
* MySQL: 5.7 or higher
* IDE/Text Editor: Visual Studio Code, Sublime Text
* Google Maps API Key (for location services)

**Hardware Requirements-**

* **Client-Side (Tourist):**
  + Minimum RAM: 2GB
  + Storage: 100MB (browser cache, sessions)
  + Device: Mobile/PC with browser access
* **Server-Side (Admin/System Host):**
  + Processor: Intel i3/i5 or above
  + RAM: 4GB or higher
  + Hard Disk: Minimum 500MB for server environment and database
  + Stable internet connection

**DESIGN**

**Backend-**

**System Design-**

**Level 0-**

ODISHA TOURISM

SYSTEM

USER / ADMIN

**Level 1-**

**Frontend-**

**CODING**

File Structure

OTM (Folder Name)

* admin
  + admin\_dashboard.php
  + get\_location.php
  + manage\_bookings.php
  + manage\_guides.php
  + manage\_places.php
  + manage\_users.php
  + search\_places.php
* images (folder contains the images of tourist places)
* includes
  + footer.php
  + header.php
* videos (folder contains the videos of tourist places)

- admin\_login.php

- admin\_logout.php

- booking.php

- db\_connect.php

- districts.php

- guide\_booking.php

- index.php

- login.php

- logout.php

- map.php

- my\_booking.php

- near\_places.php

- register.php

**Frontend-**

**Index.php –**

<?php include 'db\_connect.php'; ?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Odisha Tourism</title>

    <link rel="stylesheet" href="styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #eef2f3;

            color: #333;

            margin: 0;

            padding: 0;

        }

        .container {

            max-width: 1200px;

            margin: auto;

            padding: 20px;

        }

        h1 {

            color: #ff5722;

            text-align: center;

            font-size: 2.5rem;

        }

        .card {

            background: linear-gradient(135deg, #ff9a9e, #fad0c4);

            padding: 20px;

            border-radius: 10px;

            box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);

            margin-bottom: 20px;

            text-align: center;

        }

        .places, .districts {

            display: grid;

            grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));

            gap: 20px;

            padding: 20px;

        }

        .card img {

            width: 100%;

            border-radius: 10px;

        }

    </style>

</head>

<body>

    <?php include 'includes/header.php'; ?>

    <div class="container">

        <section class="card">

            <h1>Discover the Beauty of Odisha</h1>

            <p>Immerse yourself in the vibrant culture, breathtaking landscapes, and historic sites of Odisha.</p>

        </section>

        <?php include 'map.php'; ?>

        <?php include 'districts.php'; ?>

        <section class="card">

            <h2>Must-Visit Tourist Destinations</h2>

            <div class="places">

                <?php

                $query = "SELECT \* FROM tourist\_places LIMIT 6";

                $result = $conn->query($query);

                while ($row = $result->fetch\_assoc()) {

                    echo "<div class='card'>

                        <h3>{$row['name']}</h3>

                        <p>{$row['description']}</p>

                        <img src='images/{$row['photo']}' alt='{$row['name']}'>

                    </div>";

                }

                ?>

            </div>

        </section>

        <section class="card">

            <h2>Explore Odisha’s Cultural Heritage</h2>

            <div class="districts">

                <?php

                $query = "SELECT \* FROM districts LIMIT 4";

                $result = $conn->query($query);

                while ($row = $result->fetch\_assoc()) {

                    echo "<div class='card'>

                        <h3>{$row['name']}</h3>

                        <p><strong>Culture:</strong> {$row['culture']}</p>

                        <p><strong>Festivals:</strong> {$row['festivals']}</p>

                    </div>";

                }

                ?>

            </div>

        </section>

    </div>

    <?php include 'includes/footer.php'; ?>

</body>

</html>

**Login.php –**

<?php

session\_start();

include 'db\_connect.php';

$error = "";

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $email = trim($\_POST['email']);

    $password = $\_POST['password'];

    // Use prepared statements to prevent SQL injection

    $stmt = $conn->prepare("SELECT id, name, password FROM users WHERE email = ?");

    $stmt->bind\_param("s", $email);

    $stmt->execute();

    $stmt->store\_result();

    if ($stmt->num\_rows === 1) {

        $stmt->bind\_result($id, $name, $hashed\_password);

        $stmt->fetch();

        if (password\_verify($password, $hashed\_password)) {

            // Set session variables

            $\_SESSION['user\_id'] = $id;

            $\_SESSION['name'] = $name;

            // Optional: regenerate session ID to prevent session fixation

            session\_regenerate\_id(true);

            // Redirect to homepage

            header("Location: index.php");

            exit();

        } else {

            $error = "Invalid password!";

        }

    } else {

        $error = "User not found!";

    }

    $stmt->close();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Login - Odisha Tourism</title>

    <link rel="stylesheet" href="styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background: #f4f4f9;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0;

        }

        .login-container {

            background: white;

            padding: 30px;

            border-radius: 10px;

            box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);

            text-align: center;

            width: 350px;

        }

        .login-container h2 {

            margin-bottom: 20px;

            color: #333;

        }

        .input-field {

            width: 100%;

            padding: 12px;

            margin: 10px 0;

            border: 1px solid #ddd;

            border-radius: 5px;

            font-size: 16px;

        }

        .login-btn {

            width: 100%;

            padding: 12px;

            background: #007bff;

            color: white;

            border: none;

            border-radius: 5px;

            font-size: 18px;

            cursor: pointer;

            transition: 0.3s;

        }

        .login-btn:hover {

            background: #0056b3;

        }

        .error-message {

            color: red;

            font-size: 14px;

            margin-bottom: 10px;

        }

        .register-link {

            margin-top: 10px;

            font-size: 14px;

        }

        .register-link a {

            color: #007bff;

            text-decoration: none;

        }

        .register-link a:hover {

            text-decoration: underline;

        }

    </style>

</head>

<body>

    <div class="login-container">

        <h2>Welcome Back!</h2>

        <?php if (!empty($error)) { echo '<p class="error-message">' . $error . '</p>'; } ?>

        <form method="post">

            <input type="email" name="email" class="input-field" placeholder="Email" required>

            <input type="password" name="password" class="input-field" placeholder="Password" required>

            <button type="submit" class="login-btn">Login</button>

        </form>

        <p class="register-link">Don't have an account? <a href="register.php">Register Here</a></p>

        <p class="register-link">GOTO <a href="index.php">Landing Page</a></p>

    </div>

</body>

</html>

**Logout.php –**

<?php

session\_start();

if (isset($\_SESSION['user\_id'])) {

    session\_unset();

    session\_destroy();

}

header("Location: index.php");

exit();

**admin\_login.php-**

<?php

include 'db\_connect.php';

session\_start();

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $username = $\_POST['username'];

    $password = $\_POST['password'];

    // Check for admin login in database

    $sql = "SELECT \* FROM admin WHERE username='$username'";

    $result = $conn->query($sql);

    if ($result->num\_rows == 1) {

        $admin = $result->fetch\_assoc();

        if ($password === $admin['password'])

            {

            $\_SESSION['admin\_logged\_in'] = true;

            $\_SESSION['admin\_id'] = $admin['id'];

            header("Location: admin/admin\_dashboard.php");

            exit();

        } else {

            echo "Invalid password!";

        }

    } else {

        echo "Admin not found!";

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Admin Login - Odisha Tourism</title>

    <link rel="stylesheet" href="styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #eef2f3;

            color: #333;

            margin: 0;

            padding: 0;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

        }

        .login-container {

            max-width: 400px;

            padding: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);

            text-align: center;

        }

        h2 {

            color: #ff5722;

        }

        input[type="text"], input[type="password"] {

            width: 100%;

            padding: 10px;

            margin: 10px 0;

            border: 1px solid #ccc;

            border-radius: 5px;

        }

        button {

            background: #ff5722;

            color: white;

            padding: 10px 15px;

            border: none;

            border-radius: 5px;

            cursor: pointer;

            width: 100%;

        }

        button:hover {

            background: #e64a19;

        }

    </style>

</head>

<body>

    <div class="login-container">

        <h2>Admin Login</h2>

        <form method="post" action="">

            <input type="text" name="username" placeholder="Admin UserName" required>

            <input type="password" name="password" placeholder="Password" required>

            <button type="submit">Login</button>

        </form>

        <br>

        <button onclick="window.location.href='index.php'">Landing Page</button>

    </div>

</body>

</html>

**Admin\_logout.php-**

<?php

session\_start();

if (isset($\_SESSION['admin\_logged\_in'])) {

    session\_unset();

    session\_destroy();

}

header("Location: admin\_login.php");

exit();

**booking.php-**

<?php

session\_start(); // Add this at the very beginning

include 'db\_connect.php';

// Check if user is logged in

if (!isset($\_SESSION['user\_id']) || !isset($\_SESSION['name'])) {

    echo "<script>alert('You must be logged in to book a tour.'); window.location.href='login.php';</script>";

    exit();

}

$user\_id = $\_SESSION['user\_id'];

$username = $\_SESSION['name'];

// Check if place\_id is set and sanitize it

if (!isset($\_GET['place\_id']) || !filter\_var($\_GET['place\_id'], FILTER\_VALIDATE\_INT)) {

    echo "<script>alert('Invalid request.'); window.location.href='index.php';</script>";

    exit();

}

$place\_id = intval($\_GET['place\_id']); // sanitizing ID

// Fetch place details

$sql = "SELECT \* FROM tourist\_places WHERE id = ?";

$stmt = $conn->prepare($sql);

$stmt->bind\_param("i", $place\_id);

$stmt->execute();

$result = $stmt->get\_result();

if ($result->num\_rows === 0) {

    echo "<script>alert('Tourist place not found.'); window.location.href='index.php';</script>";

    exit();

}

$place = $result->fetch\_assoc();

// Handle booking submission

if ($\_SERVER["REQUEST\_METHOD"] === "POST") {

    // Check if already booked

    $check\_sql = "SELECT \* FROM bookings WHERE user\_id = ? AND place\_id = ?";

    $check\_stmt = $conn->prepare($check\_sql);

    $check\_stmt->bind\_param("ii", $user\_id, $place\_id);

    $check\_stmt->execute();

    $check\_result = $check\_stmt->get\_result();

    if ($check\_result->num\_rows > 0) {

        echo "<script>alert('You have already booked this tour.'); window.location.href='my\_booking.php';</script>"; // Redirect to bookings page

    } else {

        // Proceed with booking

        $sql = "INSERT INTO bookings (user\_id, username, place\_id, status) VALUES (?, ?, ?, 'Pending')";

        $stmt = $conn->prepare($sql);

        $stmt->bind\_param("isi", $user\_id, $username, $place\_id);

        if ($stmt->execute()) {

            echo "<script>alert('Booking Confirmed!'); window.location.href = 'my\_booking.php';</script>"; // Redirect to user's bookings page

        } else {

            echo "<script>alert('Booking failed. Please try again.');</script>";

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Book Tour - <?php echo htmlspecialchars($place['name']); ?></title>

    <link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="container">

    <h2>Book Tour - <?php echo htmlspecialchars($place['name']); ?></h2>

    <p><?php echo htmlspecialchars($place['description']); ?></p>

    <?php if (pathinfo($place['media'], PATHINFO\_EXTENSION) === 'mp4') { ?>

        <video width="100%" controls>

            <source src="videos/<?php echo htmlspecialchars($place['media']); ?>" type="video/mp4">

        </video>

    <?php } else { ?>

        <img src="images/<?php echo htmlspecialchars($place['photo']); ?>" width="100%" alt="Tourist Place">

    <?php } ?>

    <form method="post">

        <button type="submit" class="book-btn">Confirm Booking</button>

    </form>

    <a href="index.php">Back to Home</a>

</div>

<style>

    .container {

        max-width: 600px;

        margin: auto;

        text-align: center;

        padding: 20px;

        background: white;

        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        border-radius: 10px;

    }

    .book-btn {

        background: #28a745;

        color: white;

        padding: 10px 20px;

        font-size: 16px;

        border: none;

        cursor: pointer;

        margin-top: 15px;

        border-radius: 5px;

    }

    .book-btn:hover {

        background: #218838;

    }

</style>

</body>

</html>

**db\_connect.php-**

<?php

$servername = "localhost";

$username = "root";

$password = "";

$database = "odisha\_tourism";

$conn = new mysqli($servername, $username, $password, $database);

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

?>

**districts.php-**

<section>

    <h2>Explore Odisha Districts</h2>

    <?php

    $sql = "SELECT \* FROM districts";

    $result = $conn->query($sql);

    while ($row = $result->fetch\_assoc()) {

        echo "<div><h3>{$row['name']}</h3><p>{$row['culture']}</p><p>{$row['festivals']}</p></div>";

    }

    ?>

</section>

**Gallery.php-**

<?php

session\_start(); // <-- Add this first line

include 'db\_connect.php';

// Check login status properly

if (!isset($\_SESSION['user\_id'])) {

    header("Location: login.php?msg=Please login to continue");

    exit();

}

// Fetch tourist places

$sql = "SELECT \* FROM tourist\_places";

$result = $conn->query($sql);

?>

<style>

        h1 {

            color: #ff5722;

            text-align: center;

            font-size: 2.5rem;

        }

        nav {

            background: #ff5722;

            padding: 15px;

            text-align: center;

        }

        nav ul {

            list-style: none;

            padding: 0;

            margin: 0;

            display: flex;

            justify-content: center;

        }

        nav ul li {

            margin: 0 15px;

        }

        nav ul li a {

            color: white;

            text-decoration: none;

            font-size: 18px;

            font-weight: bold;

        }

    </style>

</head>

<body>

    <header>

        <h1>Odisha Tourism System</h1>

        <nav>

            <ul>

                <li><a href="index.php">Home</a></li>

                <li><a href="gallery.php">Tourist Places</a></li>

                <li><a href="guide\_booking.php">Book a Guide</a></li>

                <li><a href="my\_booking.php">My Bookings</a></li>

                <li><a href="near\_places.php">Find Near Places</a></li>

                <?php if (isset($\_SESSION['user\_id'])) { ?>

                    <li><a href="logout.php">Logout</a></li>

                <?php } else { ?>

                    <li><a href="login.php">Login</a></li>

                    <li><a href="register.php">Register</a></li>

                <?php } ?>

                <li><a href="admin\_login.php" style="color: red; font-weight: bold;">Admin Login</a></li>

            </ul>

        </nav>

    </header>

<section id="gallery">

    <h2>Explore Tourist Places</h2>

    <div class="gallery-container">

        <?php while ($row = $result->fetch\_assoc()) { ?>

            <div class="place-card">

                <?php if (pathinfo($row['media'], PATHINFO\_EXTENSION) === 'mp4') { ?>

                    <video controls>

                        <source src="videos/<?php echo htmlspecialchars($row['media']); ?>" type="video/mp4">

                    </video>

                <?php } else { ?>

                    <img src="images/<?php echo htmlspecialchars($row['photo']); ?>" alt="<?php echo htmlspecialchars($row['name']); ?>">

                <?php } ?>

                <h3><?php echo htmlspecialchars($row['name']); ?></h3>

                <p><?php echo htmlspecialchars($row['description']); ?></p>

                <button class="book-btn" onclick="bookTour(<?php echo $row['id']; ?>)">Book Now</button>

            </div>

        <?php } ?>

    </div>

</section>

<style>

    #gallery {

        text-align: center;

        padding: 20px;

        background: #f9f9f9;

    }

    .gallery-container {

        display: flex;

        flex-wrap: wrap;

        justify-content: center;

        gap: 20px;

    }

    .place-card {

        background: white;

        border-radius: 10px;

        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        overflow: hidden;

        width: 300px;

        padding: 15px;

        text-align: center;

    }

    .place-card img, .place-card video {

        width: 100%;

        border-radius: 10px;

    }

    .place-card h3 {

        margin: 10px 0;

        color: #007bff;

    }

    .place-card p {

        font-size: 14px;

        color: #555;

    }

    .book-btn {

        background: #28a745;

        color: white;

        border: none;

        padding: 10px 15px;

        cursor: pointer;

        border-radius: 5px;

    }

    .book-btn:hover {

        background: #218838;

    }

</style>

<script>

    // Function to handle play and pause for videos

    function bookTour(placeId) {

        // JavaScript just redirects; user already validated on PHP side

        window.location.href = "booking.php?place\_id=" + placeId;

    }

    // Wait for the DOM to load before adding event listeners

    window.onload = function() {

        let videos = document.querySelectorAll('video'); // Select all videos on the page

        // Loop through each video and add event listeners

        videos.forEach(function(video) {

            video.addEventListener('play', function() {

                // When a video is played, pause all other videos

                videos.forEach(function(otherVideo) {

                    if (otherVideo !== video) {

                        otherVideo.pause();

                    }

                });

            });

        });

    };

</script>

**guide\_booking.php-**

<?php

include 'db\_connect.php';

session\_start();

if (!isset($\_SESSION['user\_id'])) {

    die("Please <a href='login.php'>login</a> to book a guide.");

}

$message = "";

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $guide\_id = $\_POST['guide\_id'];

    $user\_id = $\_SESSION['user\_id'];

    $stmt = $conn->prepare("INSERT INTO guide\_bookings (user\_id, guide\_id) VALUES (?, ?)");

    $stmt->bind\_param("ii", $user\_id, $guide\_id);

    if ($stmt->execute()) {

        $message = "<p class='success'>✅ Guide booking confirmed!</p>";

    } else {

        $message = "<p class='error'>❌ Error: " . htmlspecialchars($stmt->error) . "</p>";

    }

    $stmt->close();

}

$sql = "SELECT \* FROM guides WHERE availability = 1";

$result = $conn->query($sql);

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Book a Tour Guide - Odisha Tourism</title>

    <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap" rel="stylesheet">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #eef2f3;

            color: #333;

            margin: 0;

            padding: 0;

        }

        h1 {

            color: #ff5722;

            text-align: center;

            font-size: 2.5rem;

            margin-bottom: 10px;

        }

        nav {

            background: #ff5722;

            padding: 15px;

            text-align: center;

        }

        nav ul {

            list-style: none;

            display: flex;

            justify-content: center;

            padding: 0;

            margin: 0;

        }

        nav ul li {

            margin: 0 15px;

        }

        nav ul li a {

            color: white;

            text-decoration: none;

            font-size: 18px;

            font-weight: bold;

        }

        .container {

            max-width: 600px;

            margin: 30px auto;

            background: white;

            padding: 30px;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0,0,0,0.1);

        }

        .container h2 {

            color: #333;

            margin-bottom: 20px;

        }

        select, button {

            width: 100%;

            padding: 12px;

            margin-top: 15px;

            font-size: 16px;

            border-radius: 5px;

            border: 1px solid #ccc;

        }

        button {

            background: #ff5722;

            color: white;

            font-weight: bold;

            cursor: pointer;

            transition: background 0.3s ease;

        }

        button:hover {

            background: #e64a19;

        }

        .success {

            color: green;

            font-weight: bold;

            text-align: center;

        }

        .error {

            color: red;

            font-weight: bold;

            text-align: center;

        }

        .welcome {

            text-align: center;

            margin-bottom: 30px;

        }

    </style>

</head>

<body>

    <header>

        <h1>Odisha Tourism System</h1>

        <nav>

            <ul>

                <li><a href="index.php">Home</a></li>

                <li><a href="gallery.php">Tourist Places</a></li>

                <li><a href="guide\_booking.php">Book a Guide</a></li>

                <li><a href="my\_booking.php">My Bookings</a></li>

                <li><a href="near\_places.php">Find Near Places</a></li>

                <?php if (isset($\_SESSION['user\_id'])) { ?>

                    <li><a href="logout.php">Logout</a></li>

                <?php } else { ?>

                    <li><a href="login.php">Login</a></li>

                    <li><a href="register.php">Register</a></li>

                <?php } ?>

                <li><a href="admin\_login.php" style="color: yellow; font-weight: bold;">Admin Login</a></li>

            </ul>

        </nav>

    </header>

    <div class="container">

        <div class="welcome">

            <h2>Book a Tour Guide</h2>

            <p>Select from our available local experts to guide you through Odisha’s beauty, culture, and heritage.</p>

        </div>

        <?php echo $message; ?>

        <form method="post">

            <label for="guide\_id">Choose a guide:</label>

            <select name="guide\_id" id="guide\_id" required>

                <?php while ($row = $result->fetch\_assoc()) { ?>

                    <option value="<?php echo $row['id']; ?>">

                        <?php echo htmlspecialchars($row['name']) . " (" . htmlspecialchars($row['language']) . ")"; ?>

                    </option>

                <?php } ?>

            </select>

            <button type="submit">Confirm Guide Booking</button>

        </form>

    </div>

</body>

</html>

**map.php-**

<?php

include 'db\_connect.php';

// Fetch places from the database

$places = [];

$sql = "SELECT id, name, latitude, longitude FROM tourist\_places";

$result = $conn->query($sql);

while ($row = $result->fetch\_assoc()) {

    $places[] = $row;

}

?>

<!-- Add this in the <head> section -->

<link rel="stylesheet" href="https://unpkg.com/leaflet/dist/leaflet.css" />

<script src="https://unpkg.com/leaflet/dist/leaflet.js"></script>

<style>

    #tourism-map {

        width: 100%;

        height: 500px;

        border: 2px solid #007bff;

        border-radius: 10px;

    }

    .map-container {

        text-align: center;

        margin-bottom: 10px;

    }

    select {

        padding: 10px;

        font-size: 16px;

        border-radius: 5px;

        border: 1px solid #ccc;

        margin-bottom: 10px;

    }

</style>

<section id="map">

    <h2>Interactive Map</h2>

    <div class="map-container">

        <label for="placeSelect">Choose a Tourist Place:</label>

        <select id="placeSelect">

            <option value="">-- Select a Place --</option>

            <?php foreach ($places as $place) { ?>

                <option value="<?php echo $place['latitude'] . ',' . $place['longitude']; ?>">

                    <?php echo htmlspecialchars($place['name']); ?>

                </option>

            <?php } ?>

        </select>

    </div>

    <div id="tourism-map"></div>

</section>

<script>

    document.addEventListener("DOMContentLoaded", function () {

        if (typeof L === "undefined") {

            console.error("Leaflet failed to load.");

            return;

        }

        // Default Map Center (Odisha, India)

        var map = L.map('tourism-map').setView([20.9517, 85.0985], 7);

        // Load Tile Layer

        L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {

            attribution: '&copy; OpenStreetMap contributors'

        }).addTo(map);

        // Add Dropdown Event Listener

        document.getElementById('placeSelect').addEventListener('change', function () {

            var coords = this.value.split(",");

            if (coords.length === 2) {

                var lat = parseFloat(coords[0]);

                var lon = parseFloat(coords[1]);

                if (!isNaN(lat) && !isNaN(lon)) {

                    map.setView([lat, lon], 12);

                    // Remove existing marker

                    if (typeof marker !== "undefined") {

                        map.removeLayer(marker);

                    }

                    // Add new marker

                    marker = L.marker([lat, lon]).addTo(map)

                        .bindPopup(this.options[this.selectedIndex].text)

                        .openPopup();

                }

            }

        });

    });

</script>

**my\_booking.php-**

<?php

include 'db\_connect.php';

session\_start(); // <-- this is missing in your code

// Check if user is logged in

if (!isset($\_SESSION['user\_id'])) {

    header("Location: login.php");

    exit();

}

$user\_id = $\_SESSION['user\_id'];

// Fetch user bookings

$sql = "SELECT b.id, p.name AS place\_name, p.photo, b.booking\_date, b.status

        FROM bookings b

        JOIN tourist\_places p ON b.place\_id = p.id

        WHERE b.user\_id = ?";

$stmt = $conn->prepare($sql);

$stmt->bind\_param("i", $user\_id);

$stmt->execute();

$result = $stmt->get\_result();

?>

<style>

         body {

            font-family: 'Poppins', sans-serif;

            background-color: #eef2f3;

            color: #333;

            margin: 0;

            padding: 0;

        }

        h1 {

            color: #ff5722;

            text-align: center;

            font-size: 2.5rem;

        }

        nav {

            background: #ff5722;

            padding: 15px;

            text-align: center;

        }

        nav ul {

            list-style: none;

            padding: 0;

            margin: 0;

            display: flex;

            justify-content: center;

        }

        nav ul li {

            margin: 0 15px;

        }

        nav ul li a {

            color: white;

            text-decoration: none;

            font-size: 18px;

            font-weight: bold;

        }

    </style>

    <header>

        <h1>Odisha Tourism System</h1>

        <nav>

            <ul>

                <li><a href="index.php">Home</a></li>

                <li><a href="gallery.php">Tourist Places</a></li>

                <li><a href="guide\_booking.php">Book a Guide</a></li>

                <li><a href="my\_booking.php">My Bookings</a></li>

                <li><a href="near\_places.php">Find Near Places</a></li>

                <?php if (isset($\_SESSION['user\_id'])) { ?>

                    <li><a href="logout.php">Logout</a></li>

                <?php } else { ?>

                    <li><a href="login.php">Login</a></li>

                    <li><a href="register.php">Register</a></li>

                <?php } ?>

                <li><a href="admin\_login.php" style="color: red; font-weight: bold;">Admin Login</a></li>

            </ul>

        </nav>

    </header>

<section id="my-bookings">

    <h2>My Bookings</h2>

    <div class="bookings-container">

        <?php if ($result->num\_rows > 0) { ?>

            <table>

                <tr>

                    <th>Place</th>

                    <th>Photo</th>

                    <th>Booking Date</th>

                    <th>Status</th>

                </tr>

                <?php while ($row = $result->fetch\_assoc()) { ?>

                    <tr>

                        <td><?php echo htmlspecialchars($row['place\_name']); ?></td>

                        <td>

                            <img src="images/<?php echo htmlspecialchars($row['photo']); ?>" width="100" alt="Place Photo">

                        </td>

                        <td><?php echo htmlspecialchars($row['booking\_date']); ?></td>

                        <td>

                            <?php if ($row['status'] === 'Pending') { ?>

                                <span style="color: orange; font-weight: bold;">Pending</span>

                            <?php } elseif ($row['status'] === 'Approved') { ?>

                                <span style="color: green; font-weight: bold;">Approved</span>

                            <?php } else { ?>

                                <span style="color: red; font-weight: bold;"><?php echo htmlspecialchars($row['status']); ?></span>

                            <?php } ?>

                        </td>

                    </tr>

                <?php } ?>

            </table>

        <?php } else { ?>

            <p>No bookings found.</p>

        <?php } ?>

    </div>

</section>

<style>

    #my-bookings {

        text-align: center;

        padding: 20px;

        background: #f9f9f9;

    }

    .bookings-container {

        max-width: 800px;

        margin: auto;

        background: white;

        padding: 20px;

        border-radius: 10px;

        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

    }

    table {

        width: 100%;

        border-collapse: collapse;

        margin-top: 20px;

    }

    th, td {

        padding: 12px;

        text-align: center;

        border-bottom: 1px solid #ddd;

    }

    th {

        background: #007bff;

        color: white;

    }

    tr:hover {

        background-color: #f1f1f1;

    }

</style>

<?php

$stmt->close();

$conn->close(); // optional, to clean up

?>

**near\_places.php-**

<?php

include 'db\_connect.php';

// Fetch all tourist places from the database

$sql = "SELECT id, name, latitude, longitude FROM tourist\_places";

$result = $conn->query($sql);

$places = [];

while ($row = $result->fetch\_assoc()) {

    $places[] = $row;

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Nearby Places with Distance</title>

    <link rel="stylesheet" href="https://unpkg.com/leaflet@1.9.4/dist/leaflet.css" />

    <style>

        body {

            font-family: Arial, sans-serif;

            text-align: center;

            margin: 0;

            padding: 0;

        }

        #map {

            height: 500px;

            width: 90%;

            margin: 20px auto;

            border-radius: 10px;

        }

    </style>

</head>

<body>

<?php include 'includes/header.php'; ?>

    <h2>Saved Tourist Places & Nearby Locations with Distance</h2>

    <div id="map"></div>

    <script src="https://unpkg.com/leaflet@1.9.4/dist/leaflet.js"></script>

    <script>

        var map = L.map('map').setView([20.5937, 78.9629], 5); // Default center India

        L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {

            maxZoom: 18,

        }).addTo(map);

        // Define custom icons

        var icons = {

            tourist: L.icon({ iconUrl: 'https://maps.google.com/mapfiles/ms/icons/green-dot.png', iconSize: [32, 32] }),

            restaurant: L.icon({ iconUrl: 'https://maps.google.com/mapfiles/ms/icons/yellow-dot.png', iconSize: [32, 32] }),

            fuel: L.icon({ iconUrl: 'https://maps.google.com/mapfiles/ms/icons/blue-dot.png', iconSize: [32, 32] }),

            hospital: L.icon({ iconUrl: 'https://maps.google.com/mapfiles/ms/icons/red-dot.png', iconSize: [32, 32] }),

            bus\_stop: L.icon({ iconUrl: 'https://maps.google.com/mapfiles/ms/icons/orange-dot.png', iconSize: [32, 32] })

        };

        var places = <?php echo json\_encode($places); ?>; // Get tourist places from PHP

        places.forEach(place => {

            var lat = place.latitude;

            var lon = place.longitude;

            L.marker([lat, lon], {icon: icons.tourist})

                .addTo(map)

                .bindPopup(`<strong>${place.name}</strong><br><button onclick="fetchNearbyPlaces(${lat}, ${lon})">Show Nearby</button>`);

        });

        function fetchNearbyPlaces(lat, lon) {

            var query = `

                [out:json];

                (

                    node["amenity"="restaurant"](around:3000, ${lat}, ${lon});

                    node["amenity"="fuel"](around:3000, ${lat}, ${lon});

                    node["amenity"="hospital"](around:3000, ${lat}, ${lon});

                    node["highway"="bus\_stop"](around:3000, ${lat}, ${lon});

                );

                out body;`;

            var url = "https://overpass-api.de/api/interpreter?data=" + encodeURIComponent(query);

            fetch(url)

                .then(response => response.json())

                .then(data => {

                    data.elements.forEach(place => {

                        var placeLat = place.lat;

                        var placeLon = place.lon;

                        var placeName = place.tags.name || "Unknown";

                        var type = "Unknown";

                        var icon = icons.fuel; // Default icon

                        if (place.tags.amenity === "restaurant") {

                            type = "🍽️ Restaurant";

                            icon = icons.restaurant;

                        } else if (place.tags.amenity === "fuel") {

                            type = "⛽ Petrol Pump";

                            icon = icons.fuel;

                        } else if (place.tags.amenity === "hospital") {

                            type = "🏥 Hospital";

                            icon = icons.hospital;

                        } else if (place.tags.highway === "bus\_stop") {

                            type = "🚌 Bus Stop";

                            icon = icons.bus\_stop;

                        }

                        // Calculate distance using Haversine formula

                        var distance = getDistanceFromLatLonInKm(lat, lon, placeLat, placeLon).toFixed(2);

                        L.marker([placeLat, placeLon], {icon: icon})

                            .addTo(map)

                            .bindPopup(`<strong>${type}</strong><br>${placeName}<br><b>Distance:</b> ${distance} km`);

                    });

                })

                .catch(error => console.log("Error fetching data:", error));

        }

        // Haversine formula to calculate distance

        function getDistanceFromLatLonInKm(lat1, lon1, lat2, lon2) {

            var R = 6371; // Radius of the earth in km

            var dLat = deg2rad(lat2 - lat1);

            var dLon = deg2rad(lon2 - lon1);

            var a =

                Math.sin(dLat/2) \* Math.sin(dLat/2) +

                Math.cos(deg2rad(lat1)) \* Math.cos(deg2rad(lat2)) \*

                Math.sin(dLon/2) \* Math.sin(dLon/2);

            var c = 2 \* Math.atan2(Math.sqrt(a), Math.sqrt(1-a));

            return R \* c; // Distance in km

        }

        function deg2rad(deg) {

            return deg \* (Math.PI/180);

        }

    </script>

</body>

</html>

**Includes Files**

**header.php-**

<?php

session\_start(); // Always start the session at the very top

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Odisha Tourism System</title>

    <link rel="stylesheet" href="../styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #eef2f3;

            color: #333;

            margin: 0;

            padding: 0;

        }

        h1 {

            color: #ff5722;

            text-align: center;

            font-size: 2.5rem;

        }

        nav {

            background: #ff5722;

            padding: 15px;

            text-align: center;

        }

        nav ul {

            list-style: none;

            padding: 0;

            margin: 0;

            display: flex;

            justify-content: center;

        }

        nav ul li {

            margin: 0 15px;

        }

        nav ul li a {

            color: white;

            text-decoration: none;

            font-size: 18px;

            font-weight: bold;

        }

    </style>

</head>

<body>

    <header>

        <h1>Odisha Tourism System</h1>

        <nav>

            <ul>

                <li><a href="index.php">Home</a></li>

                <li><a href="gallery.php">Tourist Places</a></li>

                <li><a href="guide\_booking.php">Book a Guide</a></li>

                <li><a href="my\_booking.php">My Bookings</a></li>

                <li><a href="near\_places.php">Find Near Places</a></li>

                <?php if (isset($\_SESSION['user\_id'])) { ?>

                    <li><a href="logout.php">Logout</a></li>

                <?php } else { ?>

                    <li><a href="login.php">Login</a></li>

                    <li><a href="register.php">Register</a></li>

                <?php } ?>

                <li><a href="admin\_login.php" style="color: red; font-weight: bold;">Admin Login</a></li>

            </ul>

        </nav>

    </header>

</body>

</html>

**Footer.php-**

<?php

?>

<footer>

    <p>&copy; <?php echo date("Y"); ?> Odisha Tourism System. All rights reserved.</p>

</footer>

</body>

</html>

**Admin Module Code**

**admin\_dashboard.php-**

<?php

include '../db\_connect.php';

session\_start();

// Check if admin is logged in

if (!isset($\_SESSION['admin\_id'])) {

    header("Location: ../admin\_login.php");

    exit();

}

// Fetch data counts

$users\_count = $conn->query("SELECT COUNT(\*) AS count FROM users")->fetch\_assoc()['count'];

$places\_count = $conn->query("SELECT COUNT(\*) AS count FROM tourist\_places")->fetch\_assoc()['count'];

$bookings\_count = $conn->query("SELECT COUNT(\*) AS count FROM bookings")->fetch\_assoc()['count'];

$guides\_count = $conn->query("SELECT COUNT(\*) AS count FROM guides")->fetch\_assoc()['count'];

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Admin Dashboard</title>

    <link rel="stylesheet" href="../styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #f4f4f9;

            color: #333;

            margin: 0;

            padding: 0;

        }

        header {

            background: #007bff;

            color: white;

            padding: 20px;

            text-align: center;

            font-size: 24px;

        }

        .container {

            max-width: 1200px;

            margin: auto;

            padding: 20px;

        }

        .dashboard-grid {

            display: grid;

            grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

            gap: 20px;

            margin-top: 20px;

        }

        .card {

            background: white;

            padding: 20px;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

            text-align: center;

            font-size: 18px;

        }

        .card h3 {

            color: #007bff;

        }

        .manage-links {

            display: flex;

            flex-direction: column;

            gap: 10px;

            margin-top: 20px;

        }

        .manage-links a {

            background: #28a745;

            color: white;

            padding: 10px;

            text-align: center;

            border-radius: 5px;

            text-decoration: none;

            font-size: 16px;

        }

        .manage-links a:hover {

            background: #218838;

        }

        .logout {

            display: block;

            margin-top: 20px;

            text-align: center;

            color: red;

            font-weight: bold;

            text-decoration: none;

        }

        .logout:hover {

            text-decoration: underline;

        }

    </style>

</head>

<body>

    <header>

        Admin Dashboard

        <a href="../admin\_logout.php" class="logout">Logout</a>

    </header>

    <div class="container">

        <h2>Dashboard Overview</h2>

        <div class="dashboard-grid">

            <div class="card"><h3>Users</h3><p><?php echo $users\_count; ?></p></div>

            <div class="card"><h3>Tourist Places</h3><p><?php echo $places\_count; ?></p></div>

            <div class="card"><h3>Bookings</h3><p><?php echo $bookings\_count; ?></p></div>

            <div class="card"><h3>Guides</h3><p><?php echo $guides\_count; ?></p></div>

        </div>

        <h2>Manage Sections</h2>

        <div class="manage-links">

            <a href="manage\_users.php">Manage Users</a>

            <a href="manage\_places.php">Manage Tourist Places</a>

            <a href="manage\_bookings.php">Manage Bookings</a>

            <a href="manage\_guides.php">Manage Guides</a>

        </div>

    </div>

</body>

</html>

**get\_location.php-**

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['location'])) {

    $location = urlencode($\_POST['location']);

    $url = "https://nominatim.openstreetmap.org/search?format=json&q={$location}";

    // Initialize cURL

    $ch = curl\_init();

    curl\_setopt($ch, CURLOPT\_URL, $url);

    curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, 1);

    curl\_setopt($ch, CURLOPT\_USERAGENT, "YourApp/1.0 (your@email.com)"); // Required User-Agent

    $response = curl\_exec($ch);

    curl\_close($ch);

    // Decode JSON response

    $data = json\_decode($response, true);

    if (!empty($data)) {

        $latitude = $data[0]['lat'];

        $longitude = $data[0]['lon'];

        // Return JSON response for AJAX

        echo json\_encode([

            "success" => true,

            "latitude" => $latitude,

            "longitude" => $longitude

        ]);

    } else {

        echo json\_encode(["success" => false, "message" => "Location not found!"]);

    }

    exit();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Get Latitude & Longitude</title>

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

    <style>

        body {

            font-family: Arial, sans-serif;

            text-align: center;

            margin-top: 50px;

        }

        input, button {

            padding: 10px;

            font-size: 16px;

            margin: 10px;

            border-radius: 5px;

            border: 1px solid #ccc;

        }

        button {

            background: #007bff;

            color: white;

            cursor: pointer;

        }

        button:hover {

            background: #0056b3;

        }

    </style>

</head>

<body>

    <h2>Find Latitude & Longitude</h2>

    <form id="location-form">

        <input type="text" id="location" name="location" placeholder="Enter a place (e.g., Odisha, India)" required>

        <button type="submit">Get Coordinates</button>

    </form>

    <h3 id="result"></h3>

    <script>

        $(document).ready(function() {

            $("#location-form").submit(function(event) {

                event.preventDefault();

                var location = $("#location").val();

                $.post("get\_location.php", { location: location }, function(response) {

                    var data = JSON.parse(response);

                    if (data.success) {

                        $("#result").html("Latitude: " + data.latitude + "<br>Longitude: " + data.longitude);

                    } else {

                        $("#result").html("<span style='color: red;'>" + data.message + "</span>");

                    }

                });

            });

        });

    </script>

</body>

</html>

**manage\_bookings.php-**

<?php

include '../db\_connect.php';

session\_start();

// Check if admin is logged in

if (!isset($\_SESSION['admin\_id'])) {

    header("Location: admin\_login.php");

    exit();

}

// Approve booking

if (isset($\_GET['approve\_id'])) {

    $id = $\_GET['approve\_id'];

    $conn->query("UPDATE bookings SET status='Approved' WHERE id='$id'");

    header("Location: manage\_bookings.php");

    exit();

}

// Delete booking

if (isset($\_GET['delete\_id'])) {

    $id = $\_GET['delete\_id'];

    $conn->query("DELETE FROM bookings WHERE id='$id'");

    header("Location: manage\_bookings.php");

    exit();

}

// Fetch all bookings

$sql = "SELECT b.id, u.name AS user\_name, p.name AS place\_name, b.booking\_date, b.status

        FROM bookings b

        JOIN users u ON b.user\_id = u.id

        JOIN tourist\_places p ON b.place\_id = p.id";

$result = $conn->query($sql);

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Manage Bookings</title>

    <link rel="stylesheet" href="../styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #f4f4f9;

            color: #333;

            margin: 0;

            padding: 0;

        }

        header {

            background: #007bff;

            color: white;

            padding: 20px;

            text-align: center;

            font-size: 24px;

        }

        .container {

            max-width: 1200px;

            margin: auto;

            padding: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        table {

            width: 100%;

            border-collapse: collapse;

            margin-top: 20px;

        }

        th, td {

            padding: 12px;

            text-align: left;

            border-bottom: 1px solid #ddd;

        }

        th {

            background: #007bff;

            color: white;

        }

        tr:hover {

            background-color: #f1f1f1;

        }

        .approve-btn, .delete-btn {

            padding: 8px 12px;

            border: none;

            border-radius: 5px;

            text-decoration: none;

            cursor: pointer;

            font-size: 16px;

        }

        .approve-btn {

            background: #28a745;

            color: white;

        }

        .approve-btn:hover {

            background: #218838;

        }

        .delete-btn {

            background: #dc3545;

            color: white;

        }

        .delete-btn:hover {

            background: #c82333;

        }

    </style>

</head>

<body>

    <header>

        Manage Bookings

        <a href="admin\_dashboard.php" class="approve-btn">Back to Dashboard</a>

    </header>

    <div class="container">

        <h2>Booking Requests</h2>

        <table>

            <tr>

                <th>ID</th>

                <th>User</th>

                <th>Place</th>

                <th>Booking Date</th>

                <th>Status</th>

                <th>Action</th>

            </tr>

            <?php while ($row = $result->fetch\_assoc()) { ?>

                <tr>

                    <td><?php echo $row['id']; ?></td>

                    <td><?php echo $row['user\_name']; ?></td>

                    <td><?php echo $row['place\_name']; ?></td>

                    <td><?php echo $row['booking\_date']; ?></td>

                    <td><?php echo $row['status']; ?></td>

                    <td>

                        <?php if ($row['status'] == 'Pending') { ?>

                            <a href="?approve\_id=<?php echo $row['id']; ?>" class="approve-btn">Approve</a>

                        <?php } ?>

                        <a href="?delete\_id=<?php echo $row['id']; ?>" class="delete-btn" onclick="return confirm('Are you sure?')">Delete</a>

                    </td>

                </tr>

            <?php } ?>

        </table>

    </div>

</body>

</html>

**manage\_guides.php-**

<?php

include '../db\_connect.php';

session\_start();

// Check if admin is logged in

if (!isset($\_SESSION['admin\_id'])) {

    header("Location: admin\_login.php");

    exit();

}

// Add a new guide

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['add\_guide'])) {

    $name = $\_POST['name'];

    $contact = $\_POST['contact'];

    $language = $\_POST['language'];

    $availability = isset($\_POST['availability']) ? 1 : 0;

    $sql = "INSERT INTO guides (name, contact, language, availability) VALUES ('$name', '$contact', '$language', '$availability')";

    $conn->query($sql);

}

// Delete a guide

if (isset($\_GET['delete\_id'])) {

    $id = $\_GET['delete\_id'];

    $conn->query("DELETE FROM guides WHERE id='$id'");

    header("Location: manage\_guides.php");

    exit();

}

// Fetch all guides

$result = $conn->query("SELECT \* FROM guides");

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Manage Tour Guides</title>

    <link rel="stylesheet" href="../styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #f4f4f9;

            margin: 0;

            padding: 0;

            text-align: center;

        }

        header {

            background: #007bff;

            color: white;

            padding: 20px;

            font-size: 24px;

        }

        .container {

            max-width: 900px;

            margin: 30px auto;

            background: white;

            padding: 20px;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        form {

            display: flex;

            flex-direction: column;

            gap: 15px;

            padding: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        form input, form button {

            padding: 12px;

            border: 1px solid #ccc;

            border-radius: 5px;

            font-size: 16px;

        }

        form label {

            display: flex;

            align-items: center;

            gap: 10px;

        }

        form button {

            background: #28a745;

            color: white;

            cursor: pointer;

            transition: 0.3s;

        }

        form button:hover {

            background: #218838;

        }

        table {

            width: 100%;

            border-collapse: collapse;

            margin-top: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        th, td {

            padding: 12px;

            text-align: left;

            border-bottom: 1px solid #ddd;

        }

        th {

            background: #007bff;

            color: white;

        }

        tr:hover {

            background-color: #f1f1f1;

        }

        .delete-btn {

            background: #dc3545;

            color: white;

            padding: 8px 12px;

            border: none;

            border-radius: 5px;

            text-decoration: none;

            cursor: pointer;

        }

        .delete-btn:hover {

            background: #c82333;

        }

        .back-btn {

            background: #17a2b8;

            color: white;

            padding: 10px 15px;

            border-radius: 5px;

            text-decoration: none;

            margin-top: 20px;

            display: inline-block;

        }

        .back-btn:hover {

            background: #138496;

        }

    </style>

</head>

<body>

    <header>

        Manage Tour Guides

        <a href="admin\_dashboard.php" class="back-btn">Back to Dashboard</a>

    </header>

    <div class="container">

        <h2>Add New Guide</h2>

        <form method="post">

            <input type="text" name="name" placeholder="Guide Name" required>

            <input type="text" name="contact" placeholder="Contact Number" required>

            <input type="text" name="language" placeholder="Languages Spoken" required>

            <label>

                <input type="checkbox" name="availability"> Available

            </label>

            <button type="submit" name="add\_guide">Add Guide</button>

        </form>

    </div>

    <div class="container">

        <h2>Existing Guides</h2>

        <table>

            <tr>

                <th>ID</th>

                <th>Name</th>

                <th>Contact</th>

                <th>Languages</th>

                <th>Availability</th>

                <th>Action</th>

            </tr>

            <?php while ($row = $result->fetch\_assoc()) { ?>

                <tr>

                    <td><?php echo $row['id']; ?></td>

                    <td><?php echo $row['name']; ?></td>

                    <td><?php echo $row['contact']; ?></td>

                    <td><?php echo $row['language']; ?></td>

                    <td><?php echo $row['availability'] ? '✅ Available' : '❌ Not Available'; ?></td>

                    <td>

                        <a href="?delete\_id=<?php echo $row['id']; ?>" class="delete-btn" onclick="return confirm('Are you sure you want to delete this guide?')">Delete</a>

                    </td>

                </tr>

            <?php } ?>

        </table>

    </div>

</body>

</html>

**manage\_places.php-**

<?php

include '../db\_connect.php';

session\_start();

// Check if admin is logged in

if (!isset($\_SESSION['admin\_id'])) {

    header("Location: admin\_login.php");

    exit();

}

// Add a new place

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['add\_place'])) {

    $name = $\_POST['name'];

    $description = $\_POST['description'];

    $latitude = $\_POST['latitude'];

    $longitude = $\_POST['longitude'];

    // File Upload Directory

    $target\_dir\_photo = "../images/";

    $target\_dir\_video = "../videos/";

    // Handle Media Upload (Video or Image)

    $media\_file = $target\_dir\_video . basename($\_FILES["media"]["name"]);

    move\_uploaded\_file($\_FILES["media"]["tmp\_name"], $media\_file);

    $media = basename($\_FILES["media"]["name"]);

    // Handle Photo Upload

    $photo\_file = $target\_dir\_photo . basename($\_FILES["photo"]["name"]);

    move\_uploaded\_file($\_FILES["photo"]["tmp\_name"], $photo\_file);

    $photo = basename($\_FILES["photo"]["name"]);

    // Insert into Database

    $sql = "INSERT INTO tourist\_places (name, description, media, photo, latitude, longitude)

            VALUES ('$name', '$description', '$media', '$photo', '$latitude', '$longitude')";

    if ($conn->query($sql) === TRUE) {

        echo "<script>alert('New place added successfully!');</script>";

    } else {

        echo "Error: " . $conn->error;

    }

}

// Delete a place if delete\_id is set

if (isset($\_GET['delete\_id'])) {

    $delete\_id = $\_GET['delete\_id'];

    // Fetch media and photo filenames to delete them from the server

    $query = "SELECT media, photo FROM tourist\_places WHERE id = ?";

    $stmt = $conn->prepare($query);

    $stmt->bind\_param("i", $delete\_id);

    $stmt->execute();

    $stmt->bind\_result($media, $photo);

    $stmt->fetch();

    $stmt->close();

    // Delete files from server

    if (!empty($media) && file\_exists("../videos/" . $media)) {

        unlink("../videos/" . $media);

    }

    if (!empty($photo) && file\_exists("../images/" . $photo)) {

        unlink("../images/" . $photo);

    }

    // Delete from database

    $delete\_query = "DELETE FROM tourist\_places WHERE id = ?";

    $stmt = $conn->prepare($delete\_query);

    $stmt->bind\_param("i", $delete\_id);

    if ($stmt->execute()) {

        echo "<script>alert('Place deleted successfully!'); window.location.href='manage\_places.php';</script>";

    } else {

        echo "<script>alert('Error deleting place!');</script>";

    }

    $stmt->close();

}

// Check if edit\_id is set to load existing data

$edit\_data = null;

if (isset($\_GET['edit\_id'])) {

    $edit\_id = $\_GET['edit\_id'];

    $query = "SELECT \* FROM tourist\_places WHERE id = ?";

    $stmt = $conn->prepare($query);

    $stmt->bind\_param("i", $edit\_id);

    $stmt->execute();

    $result\_edit = $stmt->get\_result();

    $edit\_data = $result\_edit->fetch\_assoc();

    $stmt->close();

}

// Update the place details if form is submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['update\_place'])) {

    $update\_id = $\_POST['update\_id'];

    $name = $\_POST['name'];

    $description = $\_POST['description'];

    $latitude = $\_POST['latitude'];

    $longitude = $\_POST['longitude'];

    // Check if new media or photo is uploaded

    $media = $\_POST['existing\_media'];

    if (!empty($\_FILES["media"]["name"])) {

        $target\_media = "../videos/" . basename($\_FILES["media"]["name"]);

        move\_uploaded\_file($\_FILES["media"]["tmp\_name"], $target\_media);

        $media = basename($\_FILES["media"]["name"]);

    }

    $photo = $\_POST['existing\_photo'];

    if (!empty($\_FILES["photo"]["name"])) {

        $target\_photo = "../images/" . basename($\_FILES["photo"]["name"]);

        move\_uploaded\_file($\_FILES["photo"]["tmp\_name"], $target\_photo);

        $photo = basename($\_FILES["photo"]["name"]);

    }

    // Update the database

    $update\_query = "UPDATE tourist\_places SET name=?, description=?, media=?, photo=?, latitude=?, longitude=? WHERE id=?";

    $stmt = $conn->prepare($update\_query);

    $stmt->bind\_param("ssssddi", $name, $description, $media, $photo, $latitude, $longitude, $update\_id);

    if ($stmt->execute()) {

        echo "<script>alert('Place updated successfully!'); window.location.href='manage\_places.php';</script>";

    } else {

        echo "<script>alert('Error updating place!');</script>";

    }

    $stmt->close();

}

// Fetch all places

$result = $conn->query("SELECT \* FROM tourist\_places");

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Manage Tourist Places</title>

    <link rel="stylesheet" href="../styles.css">

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #f4f4f9;

            color: #333;

            margin: 0;

            padding: 0;

        }

        header {

            background: #007bff;

            color: white;

            padding: 20px;

            text-align: center;

            font-size: 24px;

        }

        .container {

            max-width: 1200px;

            margin: auto;

            padding: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        table {

            width: 100%;

            border-collapse: collapse;

            margin-top: 20px;

        }

        th, td {

            padding: 12px;

            text-align: left;

            border-bottom: 1px solid #ddd;

        }

        th {

            background: #007bff;

            color: white;

        }

        tr:hover {

            background-color: #f1f1f1;

        }

        .delete-btn, .add-btn {

            background: #dc3545;

            color: white;

            padding: 10px 15px;

            border: none;

            border-radius: 5px;

            text-decoration: none;

            cursor: pointer;

            font-size: 16px;

        }

        .delete-btn:hover {

            background: #c82333;

        }

        .add-btn {

            background: #28a745;

        }

        .add-btn:hover {

            background: #218838;

        }

        form {

            display: flex;

            flex-direction: column;

            gap: 15px;

            padding: 20px;

            background: #fff;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        form input, form textarea, form button {

            padding: 10px;

            border: 1px solid #ccc;

            border-radius: 5px;

            font-size: 16px;

        }

        form button {

            background: #007bff;

            color: white;

            cursor: pointer;

        }

        form button:hover {

            background: #0056b3;

        }

        .edit-btn {

    background: #ffc107;

    color: black;

    padding: 10px 15px;

    border: none;

    border-radius: 5px;

    text-decoration: none;

    cursor: pointer;

    font-size: 16px;

}

.edit-btn:hover {

    background: #e0a800;

}

    </style>

</head>

<body>

    <header>

        Manage Tourist Places

        <a href="admin\_dashboard.php" class="add-btn">Back to Dashboard</a>

    </header>

    <div class="container">

    <h2><?php echo isset($edit\_data) ? "Edit Place" : "Add New Place"; ?></h2>

    <form method="post" enctype="multipart/form-data">

    <input type="hidden" name="update\_id" value="<?php echo isset($edit\_data) ? $edit\_data['id'] : ''; ?>">

    <input type="text" name="name" placeholder="Enter Place Name" required

           value="<?php echo isset($edit\_data) ? $edit\_data['name'] : ''; ?>">

    <button type="button" id="fetch-location" class="add-btn">Get Coordinates</button>

    <textarea name="description" placeholder="Description" required><?php echo isset($edit\_data) ? $edit\_data['description'] : ''; ?></textarea>

    <label>Video</label>

    <input type="file" name="media">

    <input type="hidden" name="existing\_media" value="<?php echo isset($edit\_data) ? $edit\_data['media'] : ''; ?>">

    <?php if (isset($edit\_data['media'])) { echo "<p>Current: " . $edit\_data['media'] . "</p>"; } ?>

    <label>Photo</label>

    <input type="file" name="photo">

    <input type="hidden" name="existing\_photo" value="<?php echo isset($edit\_data) ? $edit\_data['photo'] : ''; ?>">

    <?php if (isset($edit\_data['photo'])) { echo "<p>Current: " . $edit\_data['photo'] . "</p>"; } ?>

    <input type="text" id="latitude" name="latitude" placeholder="Latitude" required readonly

           value="<?php echo isset($edit\_data) ? $edit\_data['latitude'] : ''; ?>">

    <input type="text" id="longitude" name="longitude" placeholder="Longitude" required readonly

           value="<?php echo isset($edit\_data) ? $edit\_data['longitude'] : ''; ?>">

    <button type="submit" name="<?php echo isset($edit\_data) ? "update\_place" : "add\_place"; ?>"

            class="add-btn">

        <?php echo isset($edit\_data) ? "Update Place" : "Add Place"; ?>

    </button>

</form>

    </div>

    <div class="container">

        <h2>Existing Places</h2>

        <table>

            <tr>

                <th>ID</th>

                <th>Name</th>

                <th>Description</th>

                <th>Media</th>

                <th>Photo</th>

                <th>Latitude</th>

                <th>Longitude</th>

                <th>Action</th>

            </tr>

            <?php while ($row = $result->fetch\_assoc()) { ?>

                <tr>

                    <td><?php echo $row['id']; ?></td>

                    <td><?php echo $row['name']; ?></td>

                    <td><?php echo $row['description']; ?></td>

                    <td>

                        <?php

                        $file\_extension = pathinfo($row['media'], PATHINFO\_EXTENSION);

                        $video\_extensions = ['mp4', 'avi', 'mov', 'wmv'];

                        if (in\_array($file\_extension, $video\_extensions)) { ?>

                            <video width="100" controls>

                                <source src="../videos/<?php echo $row['media']; ?>" type="video/<?php echo $file\_extension; ?>">

                            </video>

                        <?php } else { ?>

                            <img src="../images/<?php echo $row['media']; ?>" width="100">

                        <?php } ?>

                    </td>

                    <td>

                        <img src="../images/<?php echo $row['photo']; ?>" width="100">

                    </td>

                    <td><?php echo $row['latitude']; ?></td>

                    <td><?php echo $row['longitude']; ?></td>

                    <td>

                        <a href="?edit\_id=<?php echo $row['id']; ?>" class="edit-btn">Edit</a>

                        <a href="?delete\_id=<?php echo $row['id']; ?>" class="delete-btn" onclick="return confirm('Are you sure?')">Delete</a>

                    </td>

                </tr>

            <?php } ?>

        </table>

    </div>

    <script>

        $(document).ready(function(){

    $("#fetch-location").click(function(){

        var location = $("input[name='name']").val();

        if (location !== "") {

            $.post("get\_location.php", { location: location }, function(data) {

                var result = JSON.parse(data);

                if (result.success) {

                    $("#latitude").val(result.latitude);

                    $("#longitude").val(result.longitude);

                } else {

                    alert("Location not found!");

                }

            });

        } else {

            alert("Please enter a place name.");

        }

    });

});

    </script>

</body>

</html>

**manage\_users.php-**

<?php

include '../db\_connect.php';

session\_start();

// Check if admin is logged in

if (!isset($\_SESSION['admin\_id'])) {

    header("Location: admin\_login.php");

    exit();

}

// Delete a user

if (isset($\_GET['delete\_id'])) {

    $id = $\_GET['delete\_id'];

    $conn->query("DELETE FROM users WHERE id='$id'");

    header("Location: manage\_users.php");

    exit();

}

// Fetch all users

$result = $conn->query("SELECT \* FROM users");

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Manage Users</title>

    <link rel="stylesheet" href="../styles.css">

    <style>

        body {

            font-family: 'Poppins', sans-serif;

            background-color: #f4f4f9;

            color: #333;

            margin: 0;

            padding: 0;

        }

        header {

            background: #007bff;

            color: white;

            padding: 20px;

            text-align: center;

            font-size: 24px;

        }

        .container {

            max-width: 1200px;

            margin: auto;

            padding: 20px;

        }

        table {

            width: 100%;

            border-collapse: collapse;

            margin-top: 20px;

            background: white;

            border-radius: 10px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        th, td {

            padding: 12px;

            text-align: left;

            border-bottom: 1px solid #ddd;

        }

        th {

            background: #007bff;

            color: white;

        }

        tr:hover {

            background-color: #f1f1f1;

        }

        .delete-btn {

            background: #dc3545;

            color: white;

            padding: 5px 10px;

            border: none;

            border-radius: 5px;

            text-decoration: none;

            cursor: pointer;

        }

        .delete-btn:hover {

            background: #c82333;

        }

        .back-link {

            display: inline-block;

            margin-top: 20px;

            background: #28a745;

            color: white;

            padding: 10px 15px;

            border-radius: 5px;

            text-decoration: none;

        }

        .back-link:hover {

            background: #218838;

        }

    </style>

</head>

<body>

    <header>

        Manage Users

        <a href="admin\_dashboard.php" class="back-link">Back to Dashboard</a>

    </header>

    <div class="container">

        <h2>Registered Users</h2>

        <table>

            <tr>

                <th>ID</th>

                <th>Name</th>

                <th>Email</th>

                <th>Registered Date</th>

                <th>Action</th>

            </tr>

            <?php while ($row = $result->fetch\_assoc()) { ?>

                <tr>

                    <td><?php echo $row['id']; ?></td>

                    <td><?php echo $row['name']; ?></td>

                    <td><?php echo $row['email']; ?></td>

                    <td><?php echo $row['created\_at']; ?></td>

                    <td>

                        <a href="?delete\_id=<?php echo $row['id']; ?>" class="delete-btn" onclick="return confirm('Are you sure you want to delete this user?')">Delete</a>

                    </td>

                </tr>

            <?php } ?>

        </table>

    </div>

</body>

</html>

**search\_places.php-**

<?php

include '../db\_connect.php';

$keyword = isset($\_POST['keyword']) ? $\_POST['keyword'] : '';

$sql = "SELECT \* FROM tourist\_places WHERE name LIKE ? OR description LIKE ?";

$stmt = $conn->prepare($sql);

$search = "%".$keyword."%";

$stmt->bind\_param("ss", $search, $search);

$stmt->execute();

$result = $stmt->get\_result();

while ($row = $result->fetch\_assoc()) { ?>

    <tr>

        <td><?php echo $row['id']; ?></td>

        <td><?php echo $row['name']; ?></td>

        <td><?php echo $row['description']; ?></td>

        <td>

            <?php

            $file\_extension = pathinfo($row['media'], PATHINFO\_EXTENSION);

            $video\_extensions = ['mp4', 'avi', 'mov', 'wmv'];

            if (in\_array($file\_extension, $video\_extensions)) { ?>

                <video width="100" controls>

                    <source src="../videos/<?php echo $row['media']; ?>" type="video/<?php echo $file\_extension; ?>">

                </video>

            <?php } else { ?>

                <img src="../images/<?php echo $row['media']; ?>" width="100">

            <?php } ?>

        </td>

        <td>

            <img src="../images/<?php echo $row['photo']; ?>" width="100">

        </td>

        <td><?php echo $row['latitude']; ?></td>

        <td><?php echo $row['longitude']; ?></td>

        <td>

            <a href="?edit\_id=<?php echo $row['id']; ?>" class="edit-btn">Edit</a>

            <a href="?delete\_id=<?php echo $row['id']; ?>" class="delete-btn" onclick="return confirm('Are you sure?')">Delete</a>

        </td>

    </tr>

<?php }

$stmt->close();

$conn->close();

?>

**Backend-**

-- Database: odisha\_tourism

CREATE DATABASE IF NOT EXISTS `odisha\_tourism`;

USE `odisha\_tourism`;

-- Admin Table

CREATE TABLE IF NOT EXISTS `admin` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `username` VARCHAR(100) NOT NULL,

  `password` VARCHAR(255) NOT NULL,

  PRIMARY KEY (`id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- Users Table

CREATE TABLE IF NOT EXISTS `users` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `name` VARCHAR(100) NOT NULL,

  `email` VARCHAR(100) NOT NULL UNIQUE,

  `password` VARCHAR(255) NOT NULL,

  `created\_at` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

  PRIMARY KEY (`id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- Districts Table

CREATE TABLE IF NOT EXISTS `districts` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `name` VARCHAR(100) NOT NULL,

  `culture` TEXT,

  `festivals` TEXT,

  PRIMARY KEY (`id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- Tourist Places Table

CREATE TABLE IF NOT EXISTS `tourist\_places` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `name` VARCHAR(150) NOT NULL,

  `description` TEXT NOT NULL,

  `media` VARCHAR(255) NOT NULL,

  `photo` VARCHAR(255) NOT NULL,

  `latitude` DECIMAL(10,8),

  `longitude` DECIMAL(11,8),

  PRIMARY KEY (`id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- Guides Table

CREATE TABLE IF NOT EXISTS `guides` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `name` VARCHAR(100) NOT NULL,

  `contact` VARCHAR(20) NOT NULL,

  `language` VARCHAR(100),

  `availability` TINYINT(1) DEFAULT 1,

  PRIMARY KEY (`id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- Bookings Table

CREATE TABLE IF NOT EXISTS `bookings` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `user\_id` INT(11) NOT NULL,

  `place\_id` INT(11) NOT NULL,

  `booking\_date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

  `username` VARCHAR(255) NOT NULL,

  `status` ENUM('Pending','Approved') DEFAULT 'Pending',

  PRIMARY KEY (`id`),

  FOREIGN KEY (`user\_id`) REFERENCES `users`(`id`) ON DELETE CASCADE,

  FOREIGN KEY (`place\_id`) REFERENCES `tourist\_places`(`id`) ON DELETE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- Guide Bookings Table

CREATE TABLE IF NOT EXISTS `guide\_bookings` (

  `id` INT(11) NOT NULL AUTO\_INCREMENT,

  `user\_id` INT(11) NOT NULL,

  `guide\_id` INT(11) NOT NULL,

  `booking\_date` TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

  PRIMARY KEY (`id`),

  FOREIGN KEY (`user\_id`) REFERENCES `users`(`id`) ON DELETE CASCADE,

  FOREIGN KEY (`guide\_id`) REFERENCES `guides`(`id`) ON DELETE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

**BENEFITS**

* **User-Friendly Interface:** Simple navigation and clean UI ensure a smooth user experience.
* **Centralized Management:** Admin can centrally manage users, bookings, guides, and tourist destinations.
* **Real-Time Booking System:** Ensures that tourists can book trips or guides anytime, anywhere.
* **Integrated Map Services:** Enhances usability by displaying nearby facilities (hotels, petrol pumps, etc.).
* **Secure and Scalable:** The use of encrypted authentication and normalized databases ensures data integrity and system scalability.
* **Promotes Local Economy:** By enabling guide bookings and showcasing district cultures and festivals, the system helps promote local tourism-based employment.
* **Environmental Impact:** Reduces paper-based registrations and travel inquiries through digitization.

**CONCLUSION**

The Odisha Tourist Management System provides a practical, efficient, and scalable solution for enhancing tourism experiences in Odisha. It caters to tourists by simplifying trip planning and booking while enabling administrators to have full control over user and service data. The use of dynamic web technologies and location-based services aligns well with modern-day smart city goals and tourism industry trends. It also promotes cultural visibility and aids in the preservation of Odisha's rich heritage by digitizing tourist information.

With this system, both tourists and local service providers benefit from streamlined communication and organized interactions, paving the way for a smart, interactive, and sustainable tourism environment.

**FUTURE SCOPE**

As the project evolves, several enhancements can be implemented to increase system functionality and user satisfaction:

* **Mobile Application:** Android/iOS apps to make the service more accessible on-the-go.
* **Payment Gateway Integration:** To facilitate online payments for guide fees, tickets, and donations.
* **AI-Powered Recommendations:** Using machine learning to suggest places based on user behaviour and past bookings.
* **Multilingual Interface:** Supporting local and international languages to cater to a diverse tourist base.
* **Tourist Review System:** Let users review places and guides, helping future tourists make better choices.
* **Emergency SOS Feature:** A panic button or emergency help line integration in case tourists face safety issues.
* **Analytics Dashboard:** Real-time reporting tools for admin to monitor booking trends, peak tourist seasons, and regional engagement.

**BHADRAK ENGINEERING SCHOOL & TECHNOLOGY (BEST),**

**ASURALI, BHADRAK**

**PROJECT EVALUATION FORMAT**

**Name of the project: Group:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SL. NO.** | **Performance Criteria** | **Maximum**  **Mark** | **Evaluated Marks** | | | | |
|  |  |  |  |  |
| **1.** | **Selection of Project as prescribed by SCT&VT** | **05** |  |  |  |  |  |
| **2.** | **Planning & Execution of Project** | **10** |  |  |  |  |  |
| **3.** | **Quality of performance** | **10** |  |  |  |  |  |
| **4.** | **Problem solving capability & end project** | **10** |  |  |  |  |  |
| **5.** | **Sense of responsibility** | **05** |  |  |  |  |  |
| **6.** | **Communication/presentation skill** | **20** |  |  |  |  |  |
| **7.** | **Interpersonal Skill** | **10** |  |  |  |  |  |
| **8.** | **Report writing skill** | **10** |  |  |  |  |  |
| **9.** | **Viva voice** | **20** |  |  |  |  |  |
|  | **Total** | **100** |  |  |  |  |  |

**Sign. of External Sign. of Internal/Project Guide**