**A Project Report**

on

# Tourism Tourism Management System

***Submitted in partial fulfillment of the***

***requirement for the award of the degree of***

**Bachelor of technology in computer science and engineering**



**Under The Supervision of**

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**Designation : Program Chair**

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**GALGOTIAS UNIVERSITY, GREATER NOIDA INDIAMONTH, YEAR 2024**

# ACKNOWLEDGEMENT

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# ABSTRACT

As the name specifies “TOURISM MANAGEMENT SYSTEM” is software developed for managing tour booking.

Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system Which is more user friendly and more GUI oriented. We can improve the efficiency of the system, thus overcome the drawbacks of the existing system.

* Less human error
* Strength and strain of manual labour can be reduced

· High security

* Data redundancy can be avoided to some extent
* Data consistency
* Easy to handle
* Easy data updating
* Easy record keeping
* Backup data can be easily generated

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## OBJECTIVE:

* The objective of the project is to develop a system that automates the processes and activities of a travel and tourism agency.
* The purpose is to design a system using which one can perform all operations related to traveling and sight-seeing.

## EXISTING SYSTEM:

* In the present system a customer has to approach various agencies to find details of places and to book tickets.
* This often requires a lot of time and effort.
* A customer may not get the desired information from these offices and often the customer may be misguided.
* It is tedious for a customer to plan a particular journey and have it executed properly.

## PROPOSED SYSTEM:

* The proposed system is a web based application and maintains a centralized repository of all related information.
* The system allows one to easily access the relevant information and make necessary travel arrangements.
* Users can decide about places they want to visit and make bookings online for travel and accommodation.

## STUDY OF THE SYSTEM:

To provide flexibility to the users, the interfaces have been developed that are accessible through a

browser. The GUI’S at the top level have been categorized as

1. Administrative user interface
2. The operational or generic user interface

The ‘administrative user interface’ concentrates on the consistent information that is practically, part of the organizational activities and which needs proper authentication for the data collection. These interfaces help the administrators with all the transactional states like Data insertion, Data deletion and Date updation along with the extensive data search capabilities.

The ‘operational or generic user interface’ helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary users in managing their own information in a customized manner as per the included flexibilities.

## FEASIBILITY STUDY:

##### FEASIBILITY REPORT:

Preliminary investigation examines project feasibility; the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. All systems are feasible if they are given unlimited resources and infinite time. There are aspects in the feasibility study portion of the preliminary investigation:

* Technical Feasibility
* Operation Feasibility
* Economical Feasibility

##### TECHNICAL FEASIBILITY:

The technical issue usually raised during the feasibility stage of the investigation includes the following:

* Does the necessary technology exist to do what is suggested?
* Do the proposed equipments have the technical capacity to hold the data required to use the new system?
* Will the proposed system provide adequate response to inquiries, regardless of the number or location of users?
* Can the system be upgraded if developed?
* Are there technical guarantees of accuracy, reliability, ease of access and data security?

##### OPERATIONAL FEASIBILITY:

Proposed projects are beneficial only if they can be turned out into information systems, which will meet the organization’s operating requirements. Operational feasibility aspects of the project are to be taken as an important part of the project implementation. Some of the important issues raised are to test the operational feasibility of a project includes the following: -

* Is there sufficient support for the management from the users?
* Will the system be used and work properly if it is being developed and implemented?
* Will there be any resistance from the user that will undermine the possible application benefits?

This system is targeted to be in accordance with the above-mentioned issues. Beforehand, the management issues and user requirements have been taken into consideration. So there is no question of resistance from the users that can undermine the possible application benefits.

The well-planned design would ensure the optimal utilization of the computer resources and would help in the improvement of performance status.

##### ECONOMIC FEASIBILITY:

A system can be developed technically and that will be used if installed must still be a good investment for the organization. In the economical feasibility, the development cost in creating the system is evaluated against the ultimate benefit derived from the new systems. Financial benefits must equal or exceed the costs. The system is economically feasible. It does not require any additional hardware or software.

## FUNCTIONAL REQUIREMENTS:

**Number of Modules**

After careful analysis the system has been identified to have the following modules:

1. **Administrator module**
2. **User(Traveler) module**
3. **Guest user**
4. **ADMINISTRATOR MODULE:**

This module provides administrator related functionality. Administrator manages all information and has access rights to add, delete, edit and view the data related to places, travels, routes, bookings, Enquiries etc.

**Packages—**Admin will create the packages and Manage the packages(Create,Update,delete)

**Users-** Admin views all Information of all users.

**Booking-** Admin will responsible for manage booking. Admin can confirm and cancel a booking of traveler.

**Manage issues/ Complaints**—Admin can take action on any issue /complaint raised by user (traveller) and Put remark.

**Manage Enquiries—**admin can manage all enquiries raised by users(traveller). **Manage pages-** Admin can edit the info of all pages that are display on the website, **Dashboard-** Here admin can view all count of booking, issues , Enquiries and Users . **Change password---** Admin can change own password.

1. **USER(TRAVELLER) MODULE:**

**Signup-** User can register your self for bookig.

**Sign in-** Here user can login with valid username and password.

**Forgot Password—**User can recover his/her own password.

**My Profile-** user can update own profile.

**Tour history-**After login user can book any tour that will show in Tour history. User can cancel his/her booking before 24 hr of travelling.

**Change Password User can own Password.**

**Write-use—Here user can raise any issue related to booking. Cancelation etc.**

1. **Guest MODULE:**

Guest user can visit the website and view the all content of website. Guest user can also Enquiry.

**System Architecture :**

* **Frontend :**
* HTML/CSS/JavaScript:
* HTML defines the structure of web pages.
* CSS styles the UI components.
* JavaScript adds interactivity (e.g., filtering, form validation).
* **User Interface (UI):**
* Displays tour packages, booking forms, and other relevant content.
* Provides an intuitive experience for users.
* **Backend:**
* Server (Node.js, Python, etc.):
* Handles HTTP requests and responses.
* Routes incoming requests to appropriate controllers.
* Routes and Controllers:
* Define endpoints (e.g., /packages , /bookings ).
* Controllers handle business logic (e.g., adding packages, processing bookings).
* Database (MySQL, MongoDB):
* Stores data related to tour packages, bookings, and user accounts.
* Ensures data persistence.
* **Communication :**
* APIs (RESTful):
* Facilitate communication between frontend and backend.
* Use standard HTTP methods (GET, POST, PUT, DELETE).
* JSON (JavaScript Object Notation):
* mat for data exchange between client and server.
* **Implementation:**
* Database Setup:
* Create tables (e.g., tour\_packages , bookings , users ) with appropriate fields.
* Establish relationships (e.g., foreign keys).
* Backend Development:
* Set up a server using Node.js (or your preferred backend technology).
* Define routes for handling requests (e.g., GET /packages , POST /bookings ).
* Implement controllers (e.g., PackageController , BookingController ).
* Frontend Development:
* Design UI components (HTML/CSS) for displaying tour packages and booking forms.
* Use JavaScript to add interactivity (e.g., filtering packages, form validation).
* User Authentication:
* Create login and registration forms.
* Implement authentication middleware to protect admin routes.
* Admin Dashboard:
* Display relevant data (bookings, revenue) in the dashboard.
* Allow admins to manage tour packages (CRUD operations).
* . Testing and Deployment:
* Test thoroughly (unit tests, integration tests).
* Deploy the application to a hosting platform

**Html(Index.html) File:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Tourism Management System</title>

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

</head>

<body>

    <header>

        <h1>Tourism Management System</h1>

        <nav>

            <ul>

                <li><a href="#">Home</a></li>

                <li><a href="#">Destinations</a></li>

                <li><a href="packages.html">Packages</a></li>

                <li><a href="booking.html">Booking</a></li>

                <li><a href="#">Contact</a></li>

            </ul>

        </nav>

    </header>

    <main>

        <section id="hero">

            <h2>Explore the World with Us</h2>

            <p>Discover new places, create unforgettable memories.</p>

            <a href="booking.html" class="btn">Book Now</a>

        </section>

        <head>

    <!-- Other head elements -->

    <link rel="stylesheet" href="path\_to\_your\_stylesheet.css">

</head>

       <section id="featured-destinations">

    <h2>Featured Destinations</h2>

    <div class="destination">

        <img src="destination1.jpg" alt="Destination 1">

        <div class="destination-info">

            <h3>Destination 1 (AGRA)</h3>

            <p>Agra, located in the northern state of Uttar Pradesh, India, is a city steeped in history and renowned for its architectural marvels.</p>

        </div>

    </div>

    <div class="destination">

        <img src="destination2.jpg" alt="Destination 2">

        <div class="destination-info">

            <h3>Destination 2 (GOA) </h3>

            <p>Goa, the smallest state in India, is located on the western coast and is renowned for its stunning beaches, vibrant nightlife, rich history, and diverse culture.</p>

        </div>

    </div>

    <div class="destination">

        <img src="destination3.jpg" alt="Destination 3">

        <div class="destination-info">

            <h3>Destination 3 (Mumbai) </h3>

            <p>Mumbai, the capital of Maharashtra, is India's largest city and its financial and entertainment hub. Known as the "City of Dreams,</p>

        </div>

    </div>

</section>

        </section>

    </main>

    <footer>

        <p>&copy; 2023 Tourism Management System</p>

    </footer>

</body>

</html>

**CSS (Style.css) File:**

/\* Reset styles \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* General styles \*/

body {

    font-family: Arial, sans-serif;

    line-height: 1.6;

}

header {

    background-color: #333;

    color: #fff;

    padding: 20px;

    display: flex;

    justify-content: space-between;

    align-items: center;

}

nav ul {

    list-style-type: none;

    display: flex;

}

nav ul li {

    margin-right: 20px;

}

nav ul li a {

    color: #ffffff;

    text-decoration: none;

    padding: 10px;

    transition: background-color 0.3s ease;

}

nav ul li a:hover {

    background-color: #555;

}

#hero {

    background-image: url('bgphoto.png');

    background-size: cover;

    background-position: center;

    background-repeat: no-repeat;

    height: 100vh; /\* This will make the hero section take the full height of the viewport \*/

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    text-align: center;

    color: rgb(255, 255, 255); /\* Assuming you want white text over the image \*/

}

#hero h2 {

    font-size: 36px;

    margin-bottom: 20px;

}

#hero p {

    font-size: 18px;

    margin-bottom: 40px;

}

.btn {

    display: inline-block;

    background-color: #333;

    color: #fff;

    text-decoration: none;

    padding: 10px 20px;

    border-radius: 5px;

    transition: background-color 0.3s ease;

}

.btn:hover {

    background-color: #555;

}

#featured-destinations {

    padding: 40px;

    text-align: center;

}

.destination {

    display: inline-block;

    width: 30%;

    margin: 20px;

    text-align: left;

}

.destination img {

    width: 100%;

    height: 50dp;

}

footer {

    background-color: #333;

    color: #fff;

    text-align: center;#featured-destinations {

    text-align: center;

}

.destination {

    display: flex;

    align-items: center;

    margin-bottom: 20px; /\* Adjust as needed for spacing \*/

}

.destination img {

    margin-right: 15px; /\* Adjust as needed for spacing \*/

    width: 150px; /\* Adjust as needed for size \*/

    height: auto;

}

.destination-info {

    text-align: left;

}

    padding: 20px;

}

BOOKING(booking.html) FILE:

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Booking Destination</title>

  <link rel="stylesheet" href="styles2.css">

</head>

<body>

  <div class="container">

    <h1>Book Your Destination</h1>

    <form>

      <div class="form-group">

        <label for="destination">Select Destination:</label>

        <select id="destination" name="destination">

          <option value="destination1">Destination 1</option>

          <option value="destination2">Destination 2</option>

          <option value="destination3">Destination 3</option>

        </select>

      </div>

      <div class="form-group">

        <label for="package">Select Package:</label>

        <select id="package" name="package">

          <option value="package1">Package 1</option>

          <option value="package2">Package 2</option>

          <option value="package3">Package 3</option>

        </select>

      </div>

      <div class="form-group">

        <label for="name">Name:</label>

        <input type="text" id="name" name="name" required>

      </div>

      <div class="form-group">

        <label for="email">Email:</label>

        <input type="email" id="email" name="email" required>

      </div>

      <div class="form-group">

        <label for="phone">Phone:</label>

        <input type="tel" id="phone" name="phone" required>

      </div>

      <div class="form-group">

        <label>Number of Travelers:</label>

        <label for="adults">Adults:</label>

        <input type="number" id="adults" name="adults" min="1" value="1">

        <label for="children">Children:</label>

        <input type="number" id="children" name="children" min="0" value="0">

      </div>

      <button type="submit">Book Now</button>

    </form>

  </div>

</body>

</html>

**CSS (Style2.css) File:**

body {

  font-family: Arial, sans-serif;

  margin: 0;

  padding: 0;

}

.container {

  max-width: 600px;

  margin: 0 auto;

  padding: 20px;

}

h1 {

  text-align: center;

}

.form-group {

  margin-bottom: 20px;

}

label {

  display: block;

  font-weight: bold;

  margin-bottom: 5px;

}

input[type="text"],

input[type="email"],

input[type="tel"],

input[type="number"],

select {

  width: 100%;

  padding: 10px;

  border: 1px solid #ccc;

  border-radius: 4px;

  box-sizing: border-box;

}

button[type="submit"] {

  background-color: #4CAF50;

  color: white;

  padding: 12px 20px;

  border: none;

  border-radius: 4px;

  cursor: pointer;

  width: 100%;

}

button[type="submit"]:hover {

  background-color: #45a049;

}

HTML(packages.html):

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Destination Packages</title>

  <link rel="stylesheet" href="styles3.css">

</head>

<body>

 <div class="container">

    <h1>Our Destination Packages</h1>

    <div class="package-card">

      <h2>Destination 1 (AGRA)</h2>

      <p class="price">Rs. 8000</p>

      <p>Duration: 3 days</p>

      <p>Meals: 3 times</p>

      <a href="booking.html"><button>Book Now</button></a>

    </div>

    <div class="package-card">

        <h2>Destination 2 (GOA)</h2>

        <p class="price">Rs. 12000</p>

        <p>Duration: 3 days</p>

        <p>Meals: 3 times</p>

        <a href="booking.html"><button>Book Now</button></a>

      </div>

      <div class="package-card">

        <h2>Destination 3 (Mumbai)</h2>

        <p class="price">Rs. 15000</p>

        <p>Duration: 3 days</p>

        <p>Meals: 3 times</p>

        <a href="booking.html"><button>Book Now</button></a>

      </div>

</div>

    <!-- Add more package cards here -->

  </div>

</body>

</html>

CSS(Style3.css):

body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

  }

  .container {

    max-width: 800px;

    margin: 0 auto;

    padding: 20px;

  }

  h1 {

    text-align: center;

  }

  .package-card {

    background-color: #f2f2f2;

    border-radius: 5px;

    padding: 20px;

    margin-bottom: 20px;

    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

  }

  .package-card h2 {

    margin-top: 0;

  }

  .price {

    font-size: 24px;

    font-weight: bold;

    color: #008000;

  }

  button {

    background-color: #4CAF50;

    color: white;

    padding: 10px 20px;

    border: none;

    border-radius: 4px;

    cursor: pointer;

  }

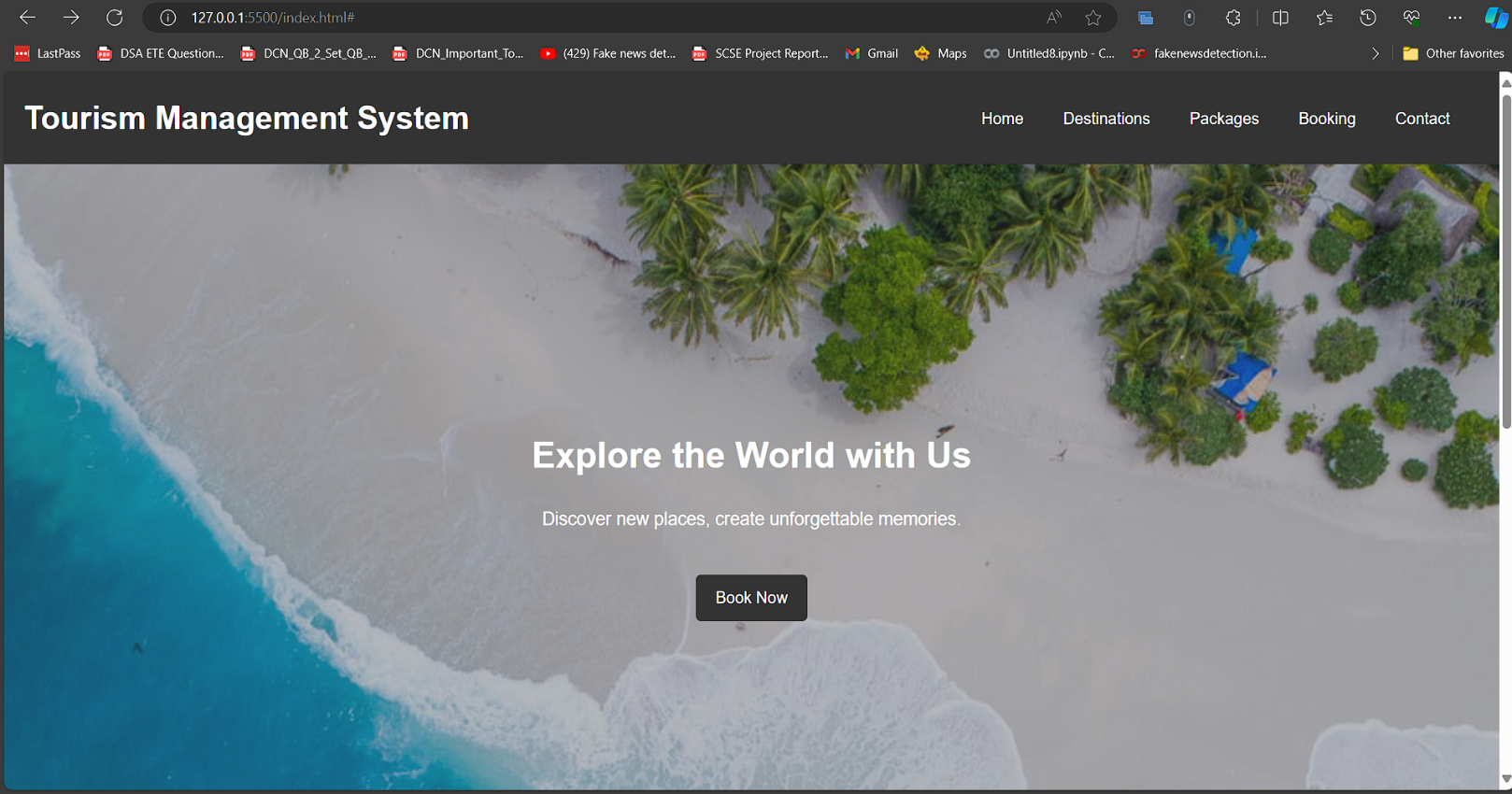
  button:hover {

    background-color: #45a049;

  }

Web Side Photos:

Fist Interface View



# 

# 

# CONCLUSION

To conclude the description about the project : The project, developed using Html and Css is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement.

The expanded functionality of today’s software requires an appropriate approach towards software development. This hostel management software is designed for people who want to manage various activi-ties in the hostel. For the past few years the number of educational institutions are increasing rapidly.

Thereby the number of hostels are also increasing for the accommodation of the students studying in this institution. And hence there is a lot of strain on the person who are running the hostel and software’s are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.