



This Project is submitted for the degree of  
“Bachelor of Computer Application “  
Semester – VI (2024-2025)

Project Report on Gujrat Tours	Submitted by Chabhadiya Krushil
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Submitted to

Department of Computer Science &  
Information Technology At  
Harivandana College, Rajkot.

## Project Profile

Project Title	“Gujrat Tour”
Type of Application	Web Application
Organization	Harivandana College
Front-End Tools	Html, Css, Javascript, Bootstrap
Back-End Tools	Php, Mysql
Language	Php
Platform Used	Vs Code
Project Duration	3 Month
Developed By	Chabhadiya Krushil
Project Guide	Dhimesh Parmar
Type of Application	Web Application

## Student Profile

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Class	Bca Afternoon

## Acknowledgement

I would like to express my sincere gratitude to all those who have contributed to the successful completion of this project.

First and foremost, I would like to thank my Mentor Dhimesh Parmar whose guidance, support, and expertise were invaluable throughout this endeavor. Their mentorship and insights greatly enriched the quality of my work.

I am also thankful to our instructors and professors at “HVC” for providing us with a solid educational foundation and the opportunity to undertake this project as part of our BCA program.

I am grateful to the authors and creators of the resources, books, websites, and tutorials that we referenced during my project. Their knowledge- sharing has been instrumental in my learning journey.

Last but not least, I want to express my heartfelt gratitude to other faculty members, my family and friends for their unwavering support, encouragement, and understanding during the project's demanding phases.

This project has been a significant learning experience, and the contributions of all those mentioned above have been invaluable in shaping its successful outcome.

## **DECLARATION**

I, hereby declare that the project work entitled “Gujrat Tour” is the original work done by me, and I further declare that it is never submitted anywhere else in part or in full.

Chabhadiya Krushil

Harivandana College

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## 1.1 Brief and Complete Project Describe

- **Project Definition:** A complete online portal of India with its weather, transport, best places to visit, culture, history, nightlife, hotels, resorts, restaurants about its cities. Best Family Tour Destinations in India and International. Explore best deals on Family vacation packages at lowest prices in Tour Portal.
- **Purpose:** Tour Portal is an Indian online travel company the company provides online travel services including flight tickets, domestic and international holiday packages, hotel reservations, rail and bus tickets, etc. The company has been recognized as one of India's good travel portals.
- **Objective of Proposed:** Nurtured from the seed of a single great idea - to empower the traveler - Tour Portal went on to pioneer the entire online travel industry in India. Tour Portal has revolutionized the travel industry over the years. This is the story of Tour Portal, India's Online Travel Leader. Tour Portal.com, India's leading online travel

company was founded in the year 2000 by Deep Kalra. Created to empower the Indian traveler with instant booking and comprehensive choices, the company began its journey in the US-India travel market. It aimed to offer a range of best-value products and services along with cutting-edge technology and dedicated round-the-clock customer support.

## 1.2 Functionality

- **Live Deal**

Showcase ongoing travel deals and promotions, encouraging quick bookings.

- **Hotel Deals**

Offer users discounted rates for hotels, making it easier to plan affordable trips.

- **International Hotels**

Cater to travelers seeking accommodations abroad, expanding your reach to international markets.

- **Holidays In India**

Focus on domestic tourism with curated holiday packages, appealing to local travelers.

- **International Holidays**

Provide international holiday packages for users looking for global travel experiences.

- **Route Planner**

Help users plan their travel routes, making it convenient for them to explore various destinations.

The leading player in online flight bookings in India, Tour Portal offers great offers, some of the lowest airfares, exclusive discounts and a seamless online booking experience. Flight, hotel and holiday bookings through the desktop or mobile site is a delightfully customer friendly experience, and with just a few clicks you can complete your booking. With features like Instant Discounts, Fare Calendar, MyRewards Program, MyWallet and many more, the overall booking experience with Tour Portal constantly adds value to its product and continues to offer the best to its customers.

### 1.3 Project Purpose:

The purpose of your **Gujrat Tours** project is to provide a comprehensive platform for managing and booking travel experiences, specifically catering to the tours and travels industry. It aims to:

1. **Simplify Tour Management:** Allow admins to easily create and manage trip details, destinations, categories, hotels, and transportation services (like buses) within a centralized system.
2. **Enhance User Experience:** Enable users to explore various trips, destinations, and categories in an organized and user-friendly interface, helping them make informed booking decisions.
3. **Streamline Booking Process:** Offer users a seamless way to book trips, apply coupon discounts, and view pricing details, thus improving the overall convenience of the booking process.



4. **Provide Travel Content:** Through the blog feature, users can stay engaged with travel insights, tips, and updates, adding value to their experience on the platform.
5. **Efficient Query and Booking Management:** Allow admins to manage user inquiries and bookings efficiently, ensuring a smooth operational flow and customer satisfaction.

## 2.1 System Analysis :

In the Boat Book Management System project, the system analysis phase involves a comprehensive study of the existing processes, requirements, and challenges faced by the boat rental company. This phase focuses on understanding the business needs and defining the scope of the software solution to be developed. Key activities in the system analysis phase include:

### **Requirement Gathering:**

Conducting interviews, surveys, and workshops with stakeholders to identify and document the functional and non-functional requirements of the system. This includes understanding the booking process, user roles, data

management needs, and any specific features or functionalities desired by the company.

### **Current System Evaluation:**

Assessing the strengths and weaknesses of the current manual or legacy system, if any, to determine areas for improvement. This involves analyzing existing workflows, data structures, and technology infrastructure to identify pain points and opportunities for optimization.

### **Stakeholder Analysis:**

Identifying and engaging with key stakeholders, including management, staff, and customers, to gather input and feedback on the desired system features and functionality. Understanding the perspectives and requirements of various stakeholders is crucial for ensuring that the final solution meets the needs of all user groups.

### **Feasibility Study:**

Evaluating the technical, operational, and financial feasibility of implementing the proposed solution. This includes assessing factors such as available resources, technology constraints, project timelines, and budget considerations to determine the viability of the project.

### **Use Case Analysis:**

Developing use case diagrams and scenarios to visualize the interactions between system users and the functionality provided by the system. This

helps in defining the scope of the system and clarifying user requirements and expectations.

### **System Requirements Specification:**

Documenting the gathered requirements in a detailed system requirements specification (SRS) document. This document serves as a blueprint for the development team and provides a clear understanding of the system functionality, interface design, data requirements, and other relevant aspects.

## **2.2 Software Requirements :**

The Boat Book Management System project requires the implementation of various software components and functionalities to fulfill the identified system requirements.

These software requirements include:

### **User Interface:**

- Intuitive and user-friendly interface for customers to browse available boats, view pricing, and make bookings.
- Administrative dashboard with access controls for staff to manage bookings, update boat availability, and generate reports.

### **Booking Management:**

- Ability to create, modify, and cancel bookings.
- Calendar view to display boat availability and facilitate booking selection.
- Integration with online payment gateways for secure transaction processing.

### **User Authentication and Authorization:**

- User registration and login functionality.
- Role-based access control to manage user permissions and privileges.

### **Database Management:**

- Database to store and manage boat inventory, customer information, booking records, and transaction history.
- Data integrity and security measures to protect sensitive information.

### **Notifications and Alerts:**

- Automated email or SMS notifications to confirm bookings, send reminders, and provide updates on booking status.

- Alerts for staff regarding maintenance schedules, overdue bookings, or other important events.

### **Reporting and Analytics:**

Reporting tools to generate insights on booking trends, revenue performance, and customer preferences. Data visualization capabilities to present information in a clear and actionable format.

### **Mobile Compatibility:**

- Responsive design to ensure the platform is accessible and functional on various devices, including smartphones and tablets.
- Mobile app development for enhanced user experience and convenience.

### **Integration with Third-Party Services:**

- Integration with online mapping services to display boat locations and directions.
- Integration with payment gateways for seamless online transactions.
- Integration with customer relationship management (CRM) software for managing customer interactions and communications.

### **Security Features:**

- Encryption protocols to secure data transmission and storage.
- Authentication mechanisms to prevent unauthorized access.

- Regular security audits and updates to mitigate potential vulnerabilities.

**Scalability and Flexibility:**

- Designing the system architecture to accommodate future enhancements, scalability, and flexibility.
- Modular design to facilitate easy integration of new features and functionalities

## 2.3 SYSTEM REQUIREMENT SPECIFICATION:

### Minimum Hardware Requirement (2.1):

1. Operating System : Windows XP, 7, 8, 10,
2. Linux Processor : Dual Core, i3, i5, i7
3. Hardware : RAM 512MB, 1GB

### Minimum Software Requirement:

1. Front End : Microsoft Visual Studio2015
2. Back End : Microsoft Sql Server 2016

Tour Portal is dashboard kind of web application, with distributed architecture, which will simply display the working and state of all other backend processes. Mainly there are 3 major stages:

1. Dumping Data into Inventory
2. Inventory
3. Invoke further Application

→ Embedded Extraction

## 3.1 SDLC :

The Boat Book Management System project will follow a structured Software Development Life Cycle (SDLC) methodology to ensure systematic planning, development, implementation, and maintenance of the software solution.

The SDLC for this project will consist of the following phases:

**Initiation:**

- In this phase, the project is conceptualized, and initial requirements are gathered.
- Stakeholders identify the need for the boat booking system and define the project scope and objectives.
- The feasibility of the project is assessed in terms of technical, operational, and financial aspects.

**Planning:**

- Detailed planning is carried out, including resource allocation, scheduling, and risk management.
- The project team develops a project plan outlining the tasks, milestones, timelines, and deliverables.
- Requirements are analyzed, and a software requirements specification (SRS) document is created.

**Analysis:**

- Requirements gathered in the planning phase are analyzed to ensure clarity and completeness.



- Use cases and system models are developed to define system behavior and interactions.
- Stakeholders provide feedback and validation of the proposed system requirements.

### **Design:**

- Based on the analyzed requirements, system architecture and design are developed.
- The user interface design, database schema, and software component design are finalized.
- Design documentation is created to guide the development team in implementing the solution.

### **Implementation:**

- The actual coding and development of the boat booking system take place in this phase.
- Developers write code according to the design specifications and coding standards.
- Unit testing is conducted to verify the functionality of individual components.

### **Testing:**

- The developed software is subjected to rigorous testing to identify defects and ensure quality.

- Various testing techniques, including functional testing, integration testing, and system testing, are performed.

- Test cases are executed, and bugs are reported, tracked, and resolved.

### **Deployment:**

- The tested and validated software is deployed to the production environment.

- User training and documentation are provided to ensure smooth transition and adoption of the new system.

- Deployment activities are planned and executed to minimize downtime and disruptions.

### **Maintenance:**

- After deployment, the system enters the maintenance phase, where ongoing support and updates are provided.

- Bug fixes, enhancements, and upgrades are implemented based on user feedback and changing requirements.

- Regular maintenance activities ensure the continued reliability, performance, and security of the boat booking system.

## **Scheduling**

Task	Start Date	End Date	Duration
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Design Phase	12-07-2024	27-07-2024	16 Days
Code Phase	27-07-2024	30-09-2024	66 Days
Project Finish	01-10-2024	05-10-2024	05 Days