TITLE :- ONLINE TOURISUM BOOKING SYSTEM

A Mini Project Report

in partial fulfillment for the award of the degree of

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(Electronics & Computer Engineering)

Under the Guidance

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Abstract

The Tourism is a web-based platform designed to offer seamless travel booking experiences and promote tourism in India. The website provides users with an intuitive interface to explore a variety of travel destinations such as Goa, Manali, Kerala, Rajasthan, and Ayodhya. Through an integrated booking system, users can easily select destinations, enter their travel details, and submit special requests, streamlining the reservation process

The The platform also organizes and displays all bookings in a structured format for efficient management. By combining modern web technologies and a user-friendly approach, Onkar's Tourism aims to make travel planning easy, enjoyable, and accessible for tourists, while showcasing the diverse beauty of Indian destinations.

The project demonstrates the application of web development best practices in the tourism domain, enhancing user engagement and business efficiency. By leveraging responsive design and a streamlined booking workflow, Onkar's Tourism website stands as a scalable solution for modern travel businesses. Future enhancements may include integration of payment gateways, live chat support, and personalized travel recommendations, contributing further to user satisfaction and growth in the tourism industry

Introduction

Tourism has become an essential part of modern life, offering opportunities for exploration, adventure, and cultural exchange. With the increasing role of technology, travelers now expect seamless online solutions to plan and book their journeys. Web-based platforms are transforming how people access information about destinations, compare options, and make reservations efficiently

- Highlights the need for digital solutions in modern tourism.
- Showcases popular destinations and travel experiences across India.
- Provides an intuitive, easy-to-use web interface for trip planning and booking.

- The frontend dashboard allows users to:
- Browse and discover top travel destinations featured on the site.
- Fill out and submit a booking form with their personal information, travel dates, and selected destination.
- Enter special requests or preferences for customized travel experiences.
- View all submitted bookings displayed in a structured table for easy reference.
- Navigate the site and access helpful content with a responsive, visually engaging interface.

This project demonstrates:
The practical application of modern web development technologies in building a user-oriented tourism platform

Scope of the Project

The project mainly focuses on providing an interactive, user-friendly, and automated system for tour booking and management, reducing manual work and improving customer convenience.

Objectives:

- The main objective of this project is to develop a responsive and user-friendly tourism booking system
- Enables users to book tours online easily
- Displays all booking details dynamically.
- Stores customer data securely for future reference.
- Promotes various travel destinations effectively.

In Summary

- The project focuses on developing an online tour booking and management system.
- Users can book tours, choose destinations, and enter travel details easily.
- It provides a responsive and user-friendly web interface using HTML, CSS, and JavaScript.
- All booking data is stored and managed through a connected database

Software and Data Requirements

❖ **Software Requirements**

Component	Specification
Operating System	Windows 11
Database	My SQL
Frontend	HTML, CSS, JavaScript
Libraries Used	Google Fonts API, CSS styling
IDE	Visual Studio Code
OS	Windows 10 or later
Web server	Node.js
Modules	express, mysql, body-parser

❖ **Data Req Example:-**

Name	Tourist_Name
Phone	+91..........
Email	.................@gmail.com
Destination	Goa
Travel Date	10-11-2025
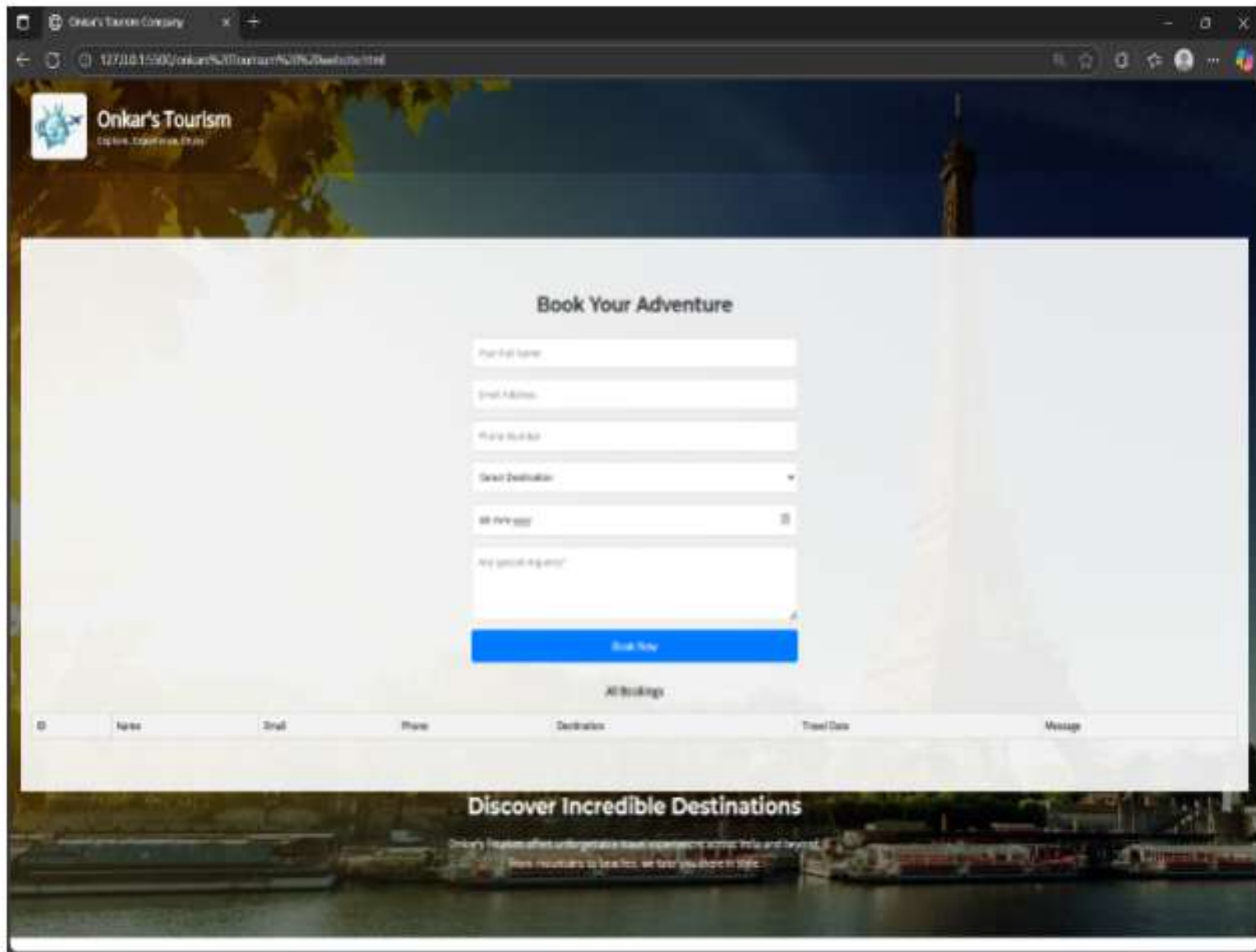
Figure 1: Home Page with Booking Form

- Displays the main interface of Onkar's Tourism Website with logo and title.
- Contains a user-friendly booking form to enter travel details.
- Inputs include name, email, phone, destination, date, and message.
- Uses a clean, responsive design for smooth user interaction
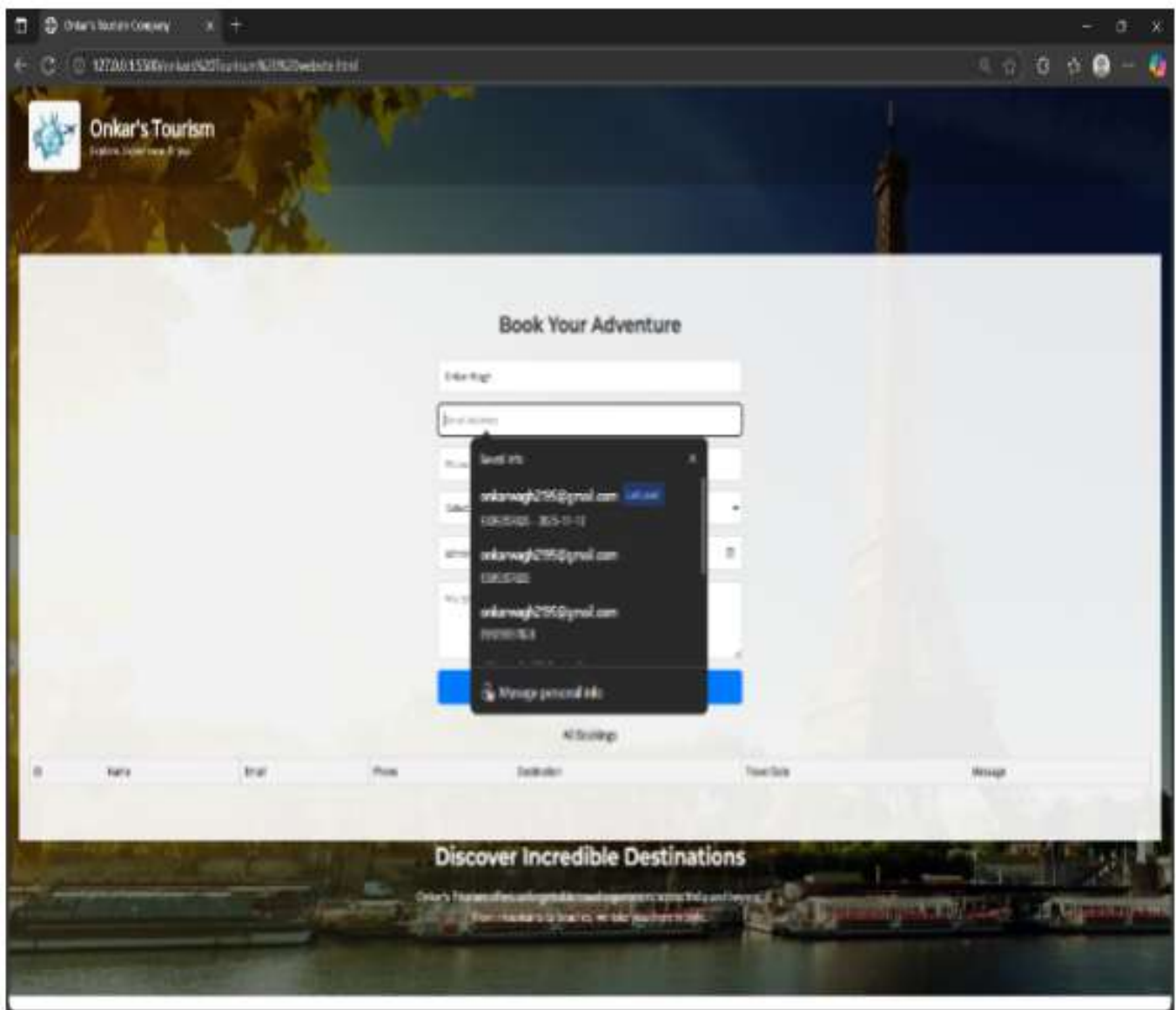
Figure 2: Autofill and FormAssistance

- Demonstrates browser autofill suggestions for quick data entry.
- Helps users fill common details like email and phone automatically.
- Improves booking efficiency and reduces manual typing errors.
- Indicates form compatibility with modern web browsers.

Figure 2: Destination Selection

- Shows the dropdown list of available travel destinations.
- Allows the user to choose from Goa, Manali, Kerala, Rajasthan, etc.
- Ensures valid input through HTML form controls.
- Enhances usability and makes the booking process faster.

Figure 6: Booking Form with Calendar Input

- Displays the tour booking interface with fields for user details and destination selection.
- The date picker control allows users to select a travel date easily from the calendar.
- Shows example booking details filled by the user "Awez Shaikh" for the Rajasthan destination.
- Demonstrates real-time form interaction before data submission to the database.
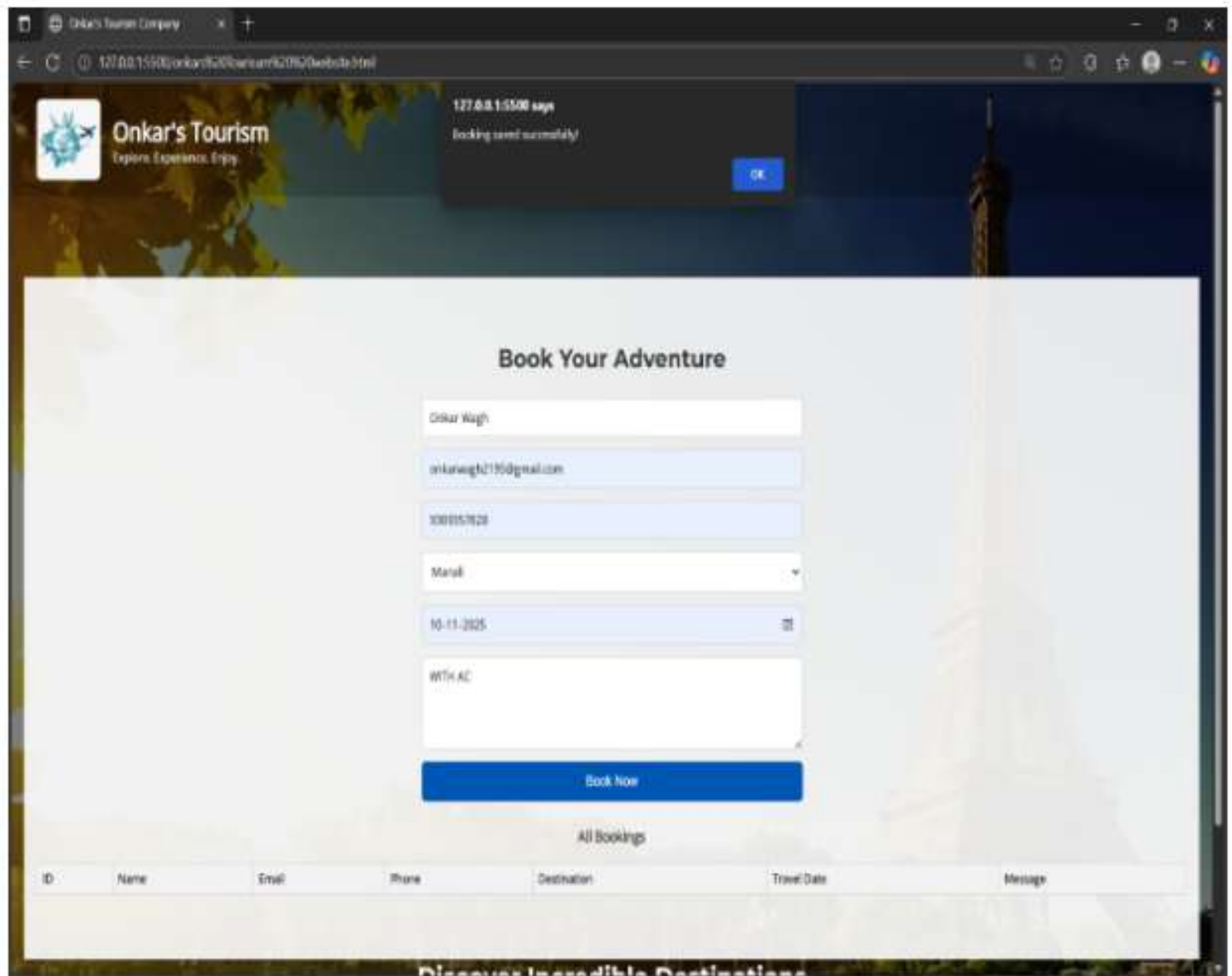
Figure 5: Booking ConfirmationExample

- Displays a successfully submitted booking by the user "Awez Shaikh."
- Confirms proper data transfer between frontend and backend.
- Shows selected destination and travel date stored accurately.
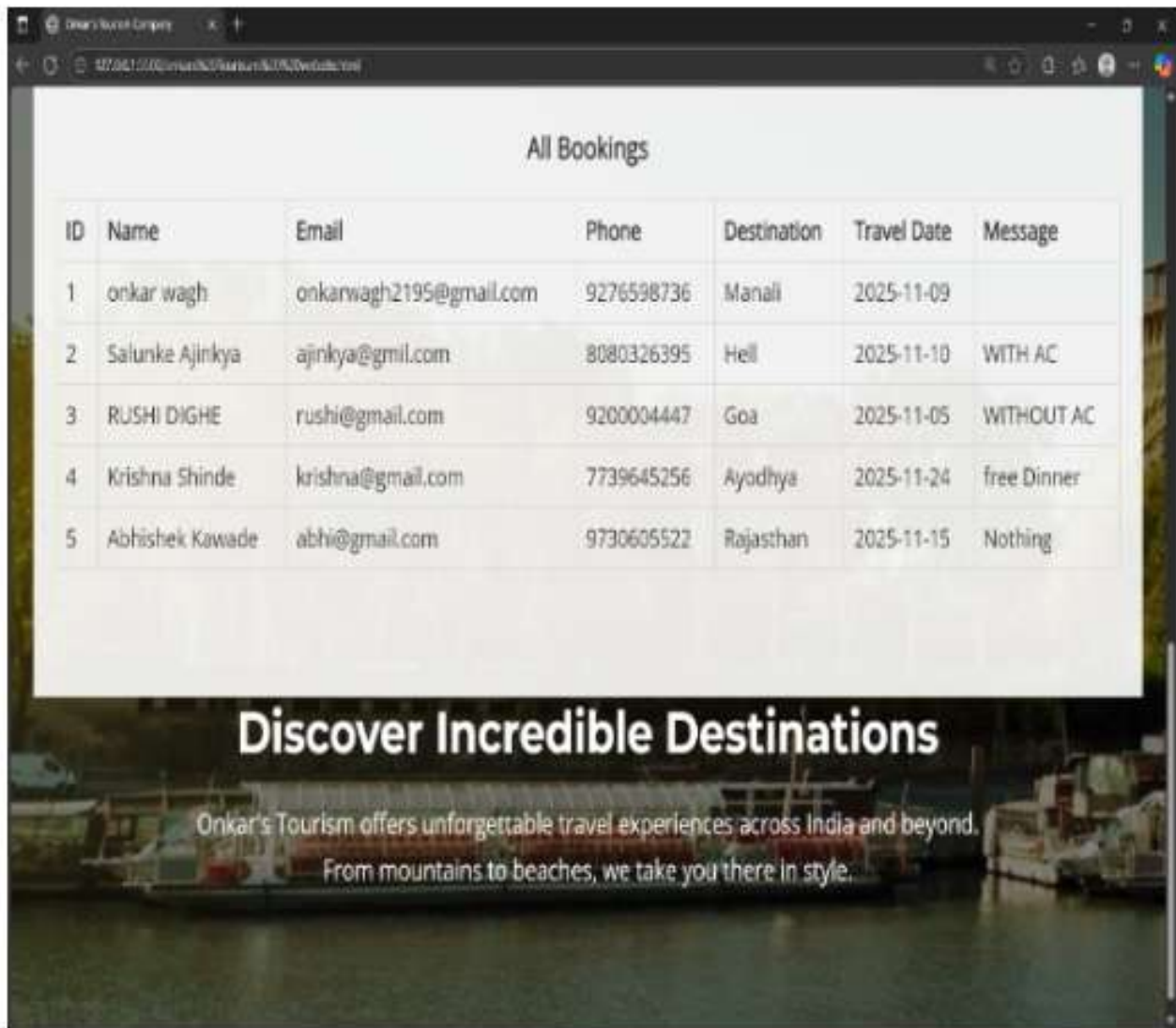- Demonstrates the system's reliability and real-time data reflection.

Image 4: Booking Display Table

- This screenshot displays the All Bookings table after a few bookings have been made.
- It shows details like booking ID, name, email, phone, destination, travel date, and message, confirming that the data is being fetched and displayed from the database correctly.

Future Enhancements -

- Integration of online payment gateway for secure transaction processing.
- Addition of an admin dashboard to manage users, destinations, and bookings.
- Implementation of real-time booking confirmation via email or SMS.
- Use of cloud database hosting for scalability and remote access.
- Integration of AI-based travel recommendations and personalized packages.
- Development of a mobile application for enhanced accessibility.

Final Statement:-
The project gave hands-on experience in web development, database management, and server-side programming, providing practical knowledge of how different technologies such as HTML, CSS, JavaScript, Node.js, and MySQL integrate to build a functional real-world application.

Conclusion

The Website is a web-based application that streamlines the tour booking process through an interactive and responsive interface. It efficiently integrates frontend technologies (HTML, CSS, JavaScript) with a Node.js backend and MySQL database, ensuring smooth data handling and secure storage. The system enhances automation, reduces manual effort, and improves operational efficiency in tourism management. Overall, it provides a reliable, scalable, and user-centric solution for online tour booking