

Project Report On

Travel Assistant

INFORMATION AND COMMUNICATION TECHNOLOGY

Submitted By
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Under the guidance of
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ACKNOWLEDGEMENT

I take this opportunity to express my deepest gratitude and appreciation to all those people who made this project work easier with words of encouragement, motivation and helped me towards the successful completion of this project work.

First I would like to express my sincere gratitude to my Head of Department **Prof Chandrasinh Parmar** and Project Guide and Professor, Department of Information and communication **Technology Prof Chandrasinh Parmar**, After his insightful advice, motivating suggestions, invaluable guidance, help and lots of moral support in successful completion of this Project .

ABSTRACT

The Travel Assistant web application is designed to simplify travel planning by providing an integrated platform for users to explore tour packages, locate hotels, and receive city-specific recommendations. With the increasing demand for efficient and user-friendly travel solutions, this project addresses the challenge of fragmented travel information by consolidating it into a single system. Developed using Python Django for the backend, HTML, CSS, and JavaScript for the frontend, and SQLite as the database, the application allows users to search and filter destinations, view detailed hotel listings, and access curated tour options. The system emphasizes usability, responsiveness, and fast access to relevant information, enhancing the overall travel experience. This project demonstrates the practical application of ICT principles in improving service efficiency and user satisfaction, providing a scalable solution for modern travelers..

1.1 Definition

A Travel Assistant Web Application is a software system designed to help users plan and manage their travel efficiently by providing integrated access to tour packages, hotel listings, and city-specific recommendations. It allows travelers to search for destinations, filter hotels based on preferences, and explore curated tour options, all within a single, user-friendly platform. The application combines front-end interfaces, back-end processing, and database management to deliver a seamless travel planning experience.

1.2 Scope

The Travel Assistant Web Application is designed to provide travelers with a comprehensive platform to efficiently plan and manage their trips. It allows users to explore various tour packages, view detailed hotel listings, and access curated city-specific recommendations. The application includes search and filter functionalities to help users quickly find hotels or tours based on preferences such as location, price, or amenities. With a responsive and intuitive interface, the system ensures a smooth user experience across devices. Developed using Django, HTML, CSS, JavaScript, and SQLite, the project demonstrates the practical application of ICT principles to solve real-world travel challenges. The scope also extends to future enhancements, including user reviews, booking systems, payment integration, and AI-based personalized recommendations, making the platform scalable and adaptable to evolving user needs.

1.3 Objectives

The primary objective of the Travel Assistant Web Application is to simplify and enhance the travel planning experience for users by providing a centralized platform for exploring tour packages, hotel listings, and city-specific recommendations. The project aims to enable users to efficiently search and filter destinations, access relevant information quickly, and make informed decisions about their trips. Additionally, it seeks to provide a user-friendly and responsive interface that ensures seamless interaction across devices. By integrating front-end technologies with a robust Django backend and a structured SQLite database, the project demonstrates the practical application of ICT principles in improving service efficiency, user satisfaction, and overall travel convenience.

1.4 Technology and Literature Review

➤ Technology used:

- Visual Studio Code

➤ Literature reviewed:

- Frontend: HTML, CSS, JavaScript, and Bootstrap for UI/UX design.
- Backend: Django
- Database: SQLite



₹13500 / per person

4D / 3N | People: 2 | Manali

Manali

₹15000

save 10%

Manali is considered as God's heaven. From majestic mountains to long rivers to aromatic forest and an adventurous blend



₹14250 / per person

4D / 3N | People: 5 | Udaipur

Udaipur

₹15000

save 5%

Udaipur, often referred to as the "City of Lakes," is a picturesque destination nestled



₹27000 / per person

5D / 4N | People: 2 | Lakshadweep

Lakshdweep

₹30000

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Lakshadweep, a tropical paradise nestled in the Arabian Sea off the southwestern coast of India, is a cluster of breathtaking coral islands renowned for their pristine beaches, azure waters, and vibrant marine

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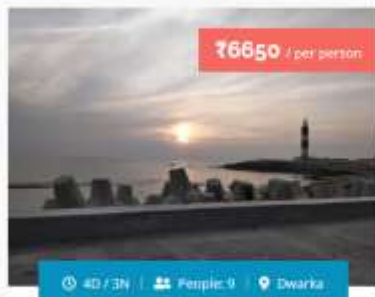
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₹6650 / per person

4D / 3N | People: 9 | Dwarka

Dwarka

₹7000

save 5%

Dwarka is surrounded by several sand



₹6000 / per person

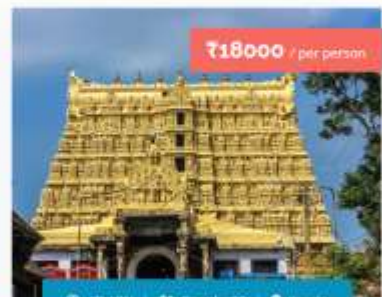
4D / 3N | People: 20 | Goa

Goa

₹12000

save 50%

Goa is a coastal town nestled along the



₹18000 / per person

4D / 3N | People: 20 | Kerela

Kerela

₹20000

save 10%

Kerela is often referred as the "God's Own

127.00.18000/Packages/8

1 YOUR DETAILS

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ishika

Last name*

abc

Email*

ishika@gmail.com

Phone*

9856234568

Check_in

09/30/2025

Check_out

10/06/2025

Number of People

2

Summary

Package cost (1 person(s))	₹12000
Guide fee (1 person(s))	₹350.0
Insurance (1 person(s))	₹250.0
Tax (12%)	₹1512.0
Discount (50%)	- ₹7056.0
Total cost	₹7056.0




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₹14,112.00

Pay with  link

Or

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Payment method

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Full name on card

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Travel Administration

Username:

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Log in

Travel Administration

Welcome to Travel Administration

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HOME

Contacts	+ Add	✎ Change
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Registers	+ Add	✎ Change
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Tour bookings	+ Add	✎ Change
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Tours	+ Add	✎ Change
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Action: 0 of

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Conclusion:

The Travel Assistant Web Application successfully provides an integrated platform for travelers to plan and manage their trips efficiently. By combining tour packages, hotel listings, and city-specific recommendations in a single, user-friendly interface, the system simplifies the travel planning process and enhances the overall user experience. The application demonstrates effective integration of front-end and back-end technologies, along with database management, highlighting the practical application of ICT principles in solving real-world problems. With its responsive design, search and filter functionality, and scalable architecture, the project lays a strong foundation for future enhancements such as user reviews, booking systems, and AI-driven personalized recommendations, making it a valuable tool for modern travelers.

