

MINI PROJECT REPORT

ON

Travel Booking Website

Submitted by

Lekshmi Nair

NC.SC.U4CSE24216

For

23CSE113-User Interface Design

II Semester

B.Tech. CSE

School of Computing

Amrita Vishwa Vidyapeetham, Nagercoil

INDEX

Sl.No	Chapter Name	Page No.
1.	Introduction	1
2.	Problem Statement	2
3.	Objectives	3
4.	System Design	4
5.	Modules of Project	6
6.	Code	8
7.	Output Screenshots	13
8.	Application of the project	22
9.	Limitations of the project	23
10.	Bibliography	24
11.	GitHub link of the Project	25

INTRODUCTION

Travel Agency Home is a mini-project that showcases a modern, responsive website for a fictional travel agency. Built using HTML, CSS, and JavaScript, the website provides users with an organized and visually appealing platform to explore travel packages, shop for travel accessories, and book trips. The website includes several main sections such as the Home page with a hero banner and quick navigation, Packages and Culinary Packages showcasing travel experiences, a Shop offering essential travel products, a Cart and Bookings page for managing purchases and reservations, and an About page introducing the agency.

Special attention is given to responsive design, smooth hover effects, and basic interactivity like adding items to a cart with local storage. The website also features an attractive image gallery to visually engage users and animations and hover transitions that enhance the overall user experience. It includes a fixed navigation bar for easy access across all pages, making the website easy to use and navigate. Additionally, local storage is integrated to ensure that the cart persists even after the page is refreshed or revisited.

Travel Agency Home demonstrates how front-end web technologies can be used to create a real-world travel platform, laying the foundation for more advanced and dynamic projects. This project highlights the importance of user-friendly design, smooth interactivity, and visual appeal in building a successful web-based application.

PROBLEM STATEMENT

In today's fast-paced world, planning travel can often be a time-consuming and confusing task for many individuals. With the abundance of travel options available, users frequently face difficulty in finding reliable, organized, and user-friendly platforms that offer a complete travel experience — from booking trips to purchasing travel essentials. Many existing websites are either too complicated, lack essential features, or fail to provide an engaging user experience that keeps travelers coming back.

The *Travel Agency Home* website aims to solve this problem by offering a simple, visually appealing, and easy-to-navigate platform that brings everything a traveler needs into one place. Users can explore various travel packages, shop for travel accessories, manage their bookings, and conveniently keep track of their purchases through a dedicated cart system. The website is designed with a responsive layout to ensure that it works seamlessly across different devices, providing accessibility to all users.

In addition to solving the issue of scattered travel resources, *Travel Agency Home* focuses on creating an enjoyable browsing experience with smooth animations, hover effects, and an organized gallery to inspire travel enthusiasts. By streamlining the travel planning process and offering essential tools within a single platform, this project addresses the common frustrations faced by modern travelers and enhances their overall journey from planning to execution.

OBJECTIVES

The primary objective of the *Travel Agency Home* project is to design and develop a user-friendly and responsive website that simplifies the travel planning process for users. The website aims to create an attractive and interactive platform where users can easily explore various travel packages, browse and purchase essential travel accessories, and manage their travel-related bookings in one place.

Another important goal is to offer users a clear and organized navigation system that allows them to quickly access different sections of the website such as Packages, Shop, Bookings, and Cart. Through the inclusion of animated effects, interactive buttons, and visually appealing galleries, the website strives to keep users engaged and make their browsing experience enjoyable. The project also seeks to encourage users to feel confident and excited about planning their next adventure.

In addition, the *Travel Agency Home* project focuses on making the website efficient by utilizing simple yet effective frontend technologies like HTML, CSS, and JavaScript. The use of local storage to manage the shopping cart feature demonstrates a practical approach to data handling without the need for a backend server. Overall, the objective is to deliver a compact, attractive, and easy-to-use travel website that meets the expectations of modern-day travelers.

SYSTEM DESIGN

The *Travel Agency Home* website is designed with a clean, responsive, and user-friendly layout to offer visitors a seamless browsing experience. The system is developed using core frontend technologies such as HTML for structure, CSS for styling, and JavaScript for interactivity. The design begins with a fixed top navigation bar that remains visible while scrolling, providing easy and quick access to major sections like Culinary Packages, Packages, Shop, About, Bookings, and Cart. This consistent navigation design enhances the usability of the website and ensures visitors can smoothly explore all available options.

The homepage features an attractive hero section with a full-screen background image showcasing the beauty of travel destinations. It includes a bold, welcoming heading and a call-to-action button that encourages visitors to learn more about the services. Below the hero section, a travel gallery is included with a grid of high-quality images of natural landscapes such as lakes, mountains, seas, and cliffs. Each image is enhanced with hover animations to provide a modern, interactive user experience. Subtle animations like fade-in effects are used throughout the site to maintain visual interest without distracting the users.

The shop section uses a flexible CSS Grid layout, automatically adjusting product displays for different screen sizes, making it fully responsive for desktops, tablets, and smartphones. Each product card features a travel-related product image, a product title, a short description, the price, and an "Add to Cart" button. The cart functionality is managed using JavaScript, which stores the selected items into the browser's local storage, making the cart persistent even if the user navigates to different pages. This lightweight approach

ensures fast performance and removes the need for backend databases, making it ideal for a mini-project.

In addition to the shop, a modal pop-up is designed for future enhancements like quick purchases or entering basic user details. All buttons, links, and images have hover effects for better visual feedback, improving the intuitiveness of user interactions. The CSS is structured carefully to maintain a clean and minimalistic look while still providing enough color contrast and spacing for a comfortable reading and browsing experience. Special attention is given to font choices, padding, and grid alignment to maintain professionalism across different screen sizes.

The system architecture is modular, making it easy to add more sections or functionality later. Although the current version is static, it has been designed with scalability in mind. In the future, dynamic content loading using JavaScript or backend integration using databases and server-side scripting can be implemented without completely redesigning the structure. Features like real-time booking management, user login systems, and payment gateway integration can be easily incorporated based on the solid foundation already laid out.

Security and best practices are kept in mind even in this static design. For example, external links open safely, important actions like "Add to Cart" are confirmed visually, and the website uses mobile-first responsive design to cater to users on all devices. Overall, the system design of *Travel Agency Home* successfully blends simplicity, interactivity, responsiveness, and future scalability, making it a robust starting point for a full-fledged online travel service platform.

MODULES OF PROJECT

The *Travel Agency Home* website is organized into several key modules, each contributing to the complete functionality and user experience of the platform.

- **Homepage Module:**

The homepage acts as the welcoming page for visitors. It features a visually attractive hero section with a travel-themed background, a motivating headline, and a call-to-action button. Below the hero section, a dynamic gallery showcases beautiful travel images to immediately capture users' interest and set the theme of adventure.

- **Navigation Module:**

A fixed navigation bar is present at the top of every page, allowing users to quickly jump to other pages such as Culinary Packages, Packages, Shop, About, Cart, and Bookings. Smooth hover effects and responsive design make navigation intuitive on both desktop and mobile devices.

- **Culinary Packages Module:**

This module provides specialized information about food-focused travel packages. It caters to users looking for culinary tourism experiences and is presented neatly with visuals and descriptions.

- **Travel Packages Module:**

This section highlights different travel package options. It helps users browse various adventures, sightseeing tours, and destination-specific offerings, making it easy to find and book the right trip.

- **Shop Module:**

The shop page features a collection of travel essentials like

backpacks, travel pillows, portable chargers, global adapters, and cameras. Each product is displayed with a picture, description, and a quick "Add to Cart" button to enhance the online shopping experience.

- **Cart Management Module:**

When a user adds a product, it is stored in the browser's local storage, ensuring that the cart persists even if the user navigates away or reloads the page. Users can view selected items in the cart and proceed to bookings or purchases.

- **Booking Module:**

This module is intended for managing travel bookings. While the current version provides a basic framework, it can be expanded with booking forms, payment processing, and confirmation systems in future development.

- **About Us Module:**

The About page explains the mission and vision of the travel agency. It builds trust and provides visitors with important background information about the services offered.

- **Responsive Design Module:**

The project includes a mobile-friendly design. CSS media queries and flexible layouts ensure that the website looks good and functions properly across different screen sizes, from desktops to smartphones.

Each module is designed to work in harmony, making the website modular, organized, easy to update, and a pleasure for users to navigate. The modular approach also allows the project to be easily expanded in the future by adding new services or enhancing existing functionalities.

CODE

```
<!DOCTYPE html>

<html>

<head>

<title>Travel Agency Home</title>

<style>

    body {

        margin: 0;

        font-family: Arial, sans-serif;

    }

    .header {

        background-color: #181e24;

        padding: 5px 20px;

        display: flex;

        justify-content: space-between;

        color: white;

        text-align: center;

    }

    button, .button {

        transition: background-color 0.3s ease, transform 0.2s ease;

    }

    button:hover {

        background-color: #0A1128;

        transform: scale(1.05);

    }

}
```

```
}  
.button:hover {  
    background-color: #0A1128;  
    transform: scale(1.05);  
}  
img {  
    transition: transform 0.3s ease, box-shadow 0.3s ease;  
}  
img:hover {  
    transform: scale(1.05);  
    box-shadow: 0 8px 16px rgba(0, 0, 0, 0.3);  
}  
@keyframes fadeIn {  
    from {  
        opacity: 0;  
        transform: translateY(20px);  
    }  
    to {  
        opacity: 1;  
        transform: translateY(0);  
    }  
}  
.section {  
    opacity: 0;  
    animation: fadeIn 1s ease-in-out forwards;  
}
```

```
.nav a {  
    margin: 0 10px;  
    text-decoration: none;  
    color: white;  
    transition: background-color 0.3s ease, color 0.3s ease;  
}  
.nav a:hover {  
    background-color: #333;  
    color: #fff;  
}  
.hero {  
    background-image: url('Mountains.jpg');  
    background-size: cover;  
    background-repeat: no-repeat;  
    background-position: center;  
    color: white;  
    text-align: center;  
    height: 50vh;  
    padding-top: 10px;  
}  
.hero h1 {  
    font-size: 40px;  
}  
.hero p {  
    font-size: 18px;  
}
```

```
.button {
    background-color: transparent;
    border: 1px solid white;
    color: white;
    padding: 10px 20px;
    text-decoration: none;
    display: inline-block;
}

.gallery {
    display: flex;
}

.gallery img {
    width: 25%;
    height: 50vh;
    object-fit: cover;
}

</style>
</head>
<body>
    <div class="header">
        <div>Travel Agency Home</div>
        <div class="nav">
            <a href="index.html">Culinary Packages</a>
            <a href="packages.html">Packages</a>
            <a href="shop.html">Shop</a>
            <a href="#">About</a>
```

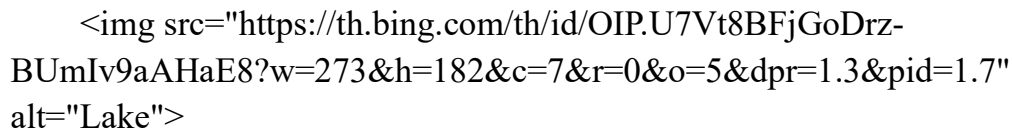
[Cart](cart.html)

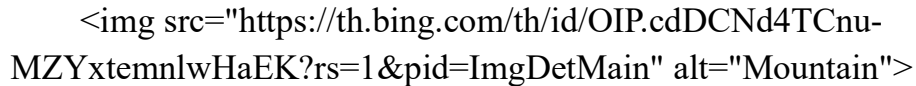
[Bookings](bookings.html)

EXPLORE THE WORLD

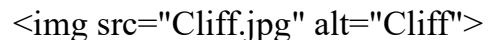
Discover amazing places with us and enjoy unforgettable adventures.

[LEARN MORE](learnmore.html)

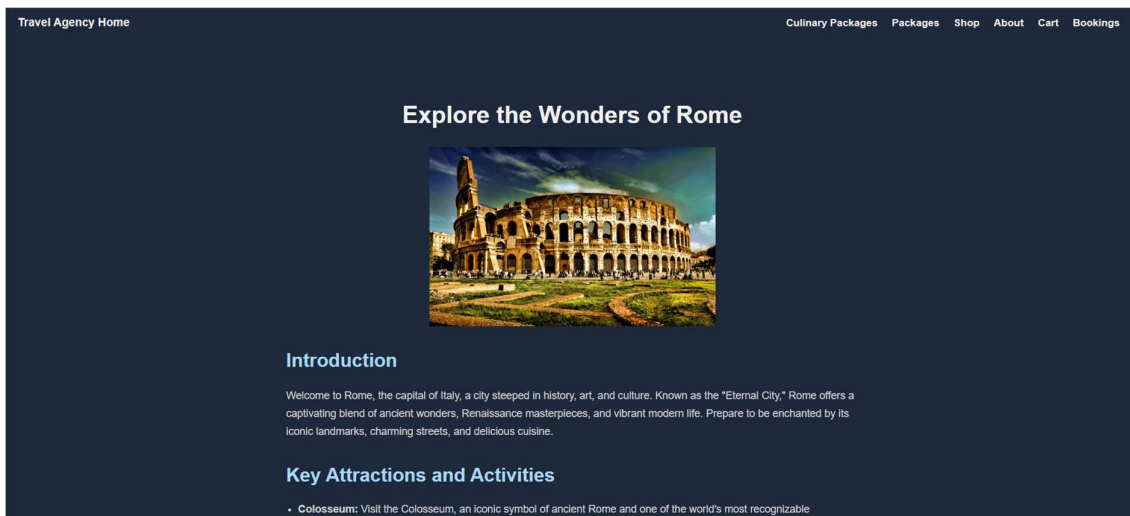
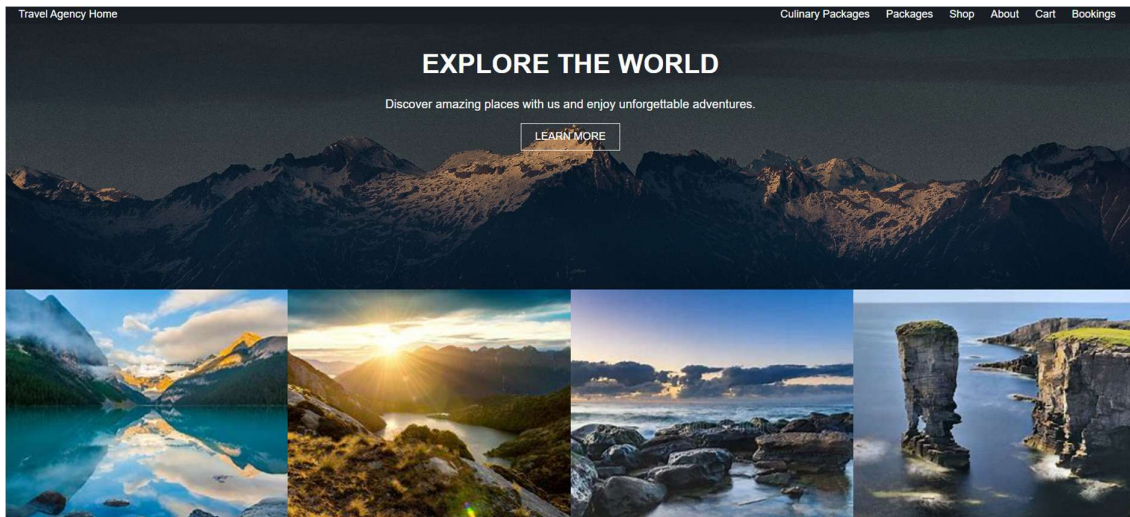
A landscape photograph of a calm lake with mountains in the background.

A photograph of a snow-capped mountain peak.

A photograph of a calm sea under a blue sky.

A photograph of a steep, rocky cliff face.

OUTPUT SCREENSHOTS



Welcome to a World of Flavors

Explore our curated selection of culinary tours, designed to tantalize your taste buds and immerse you in the rich tapestry of global cuisine.

[Explore Our Culinary](#)

Savor the world, one bite at a time. Explore curated culinary journeys with our expert team..

French Culinary



Italian Culinary



Japanese Culinary



Culinary Tour



Introduction

Embark on a gastronomic adventure with our 7-day Culinary Tour. This unique experience is designed for food enthusiasts eager to explore the world through its flavors.

Embark on a gastronomic adventure with our 7-day Culinary Tour. This unique experience is designed for food enthusiasts eager to explore the world through its flavors.

Culinary Tour Packages



French Culinary Tour

Immerse yourself in the exquisite world of French cuisine. This tour offers a blend of hands-on cooking classes, visits to local markets, and dining experiences in some of France's most renowned restaurants.

Duration: 7 Days

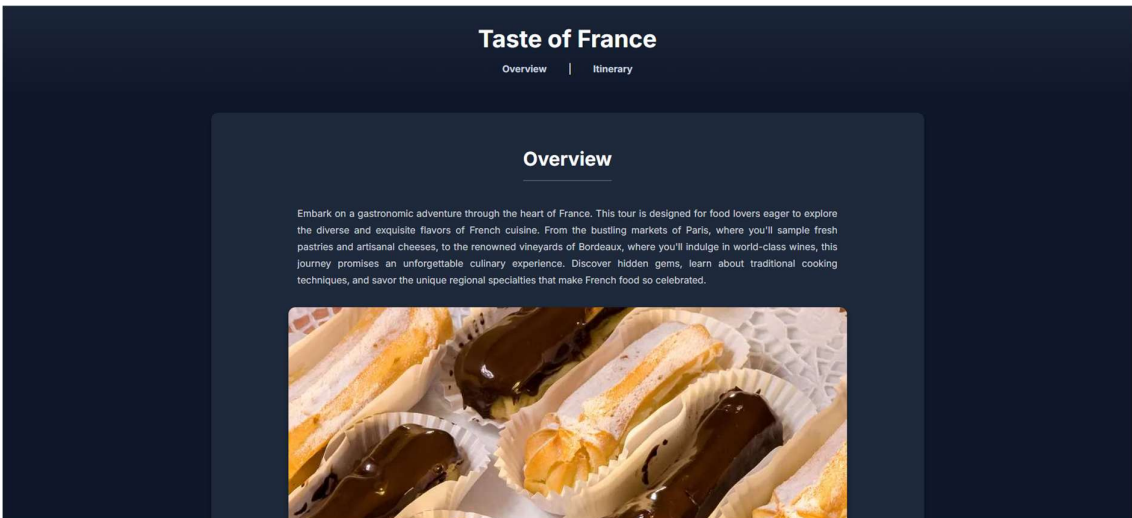
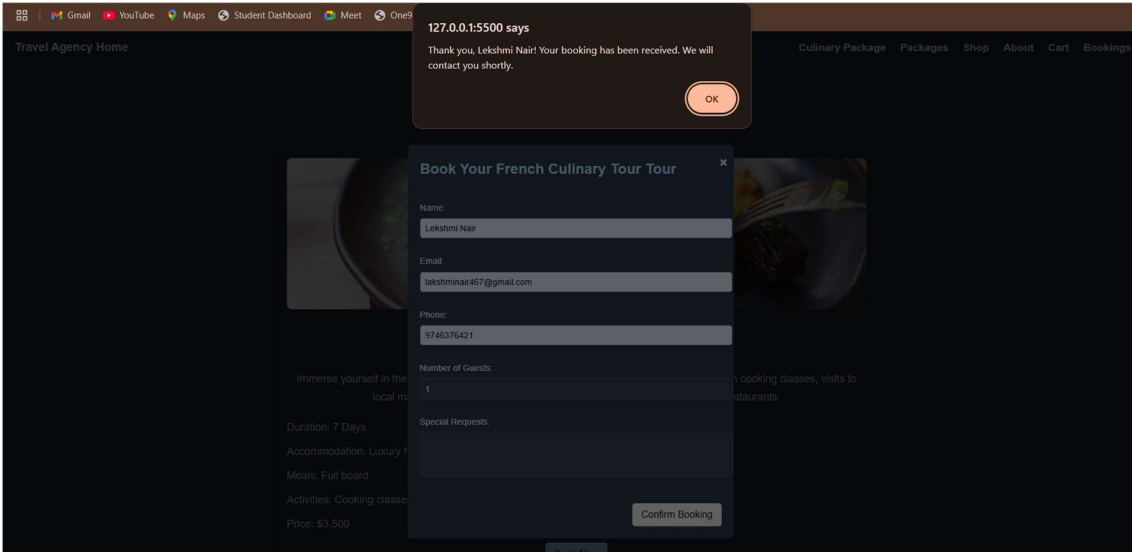
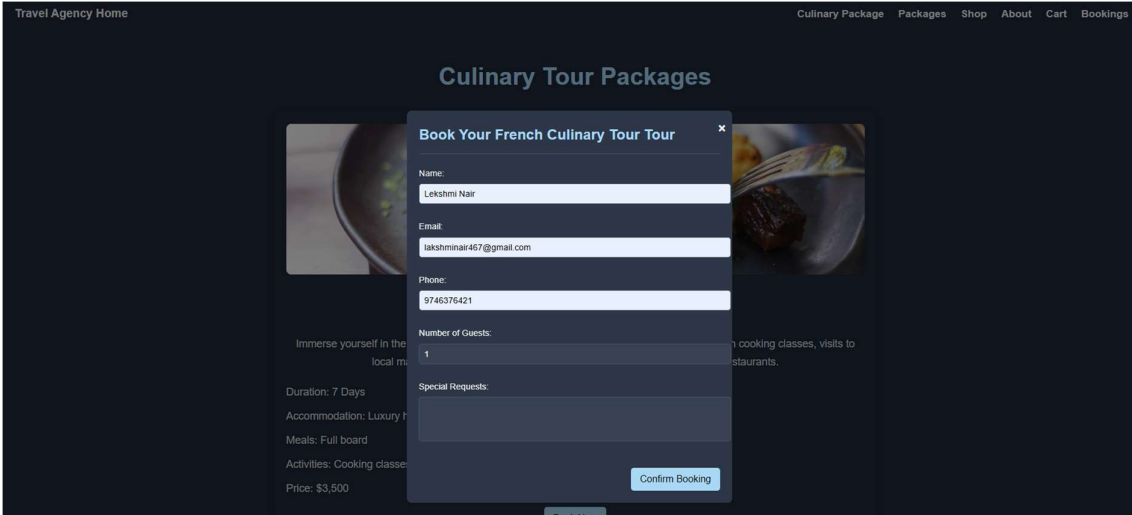
Accommodation: Luxury hotels

Meals: Full board

Activities: Cooking classes, market tours, wine tasting

Price: \$3,500

[Book Now](#)



Taste of Italy

[Overview](#) | [Itinerary](#)

Overview

This curated culinary tour invites you to savor the regional delights of Italy, a country celebrated for its diverse and deeply rooted gastronomic traditions. From the sun-drenched vineyards of Tuscany to the coastal towns of Sicily, you'll experience firsthand the passion and artistry behind Italy's most iconic dishes. Prepare to indulge in a symphony of flavors, textures, and aromas, as we explore local markets, family-run trattorias, and renowned culinary institutions. This journey is more than just food; it's a celebration of Italian culture, history, and the joy of shared meals.



Flavors of Japan

[Overview](#) | [Itinerary](#)

Overview

Embark on a culinary adventure through Japan, a land where ancient traditions harmonize with modern innovation to create a truly unique and refined food culture. This tour is designed to immerse you in the authentic tastes of Japan, from the delicate artistry of sushi and kaiseki to the hearty flavors of ramen and yakitori. Discover the secrets of umami, explore bustling food markets, and witness the craftsmanship of Japanese culinary masters.



Travel Agency

[Culinary Packages](#) [Packages](#) [Shop](#) [About](#) [Cart](#) [Bookings](#)

Explore Our Popular Destinations



Tropical Getaways

Relaxing vacations in exotic locations.

- Duration: 7 Days
- Price : \$1000
- Highlights:
 - - Pristine beaches
 - - Snorkeling and diving
 - - Lush rainforests

[Learn more](#)



Cultural City Experiences

Immerse yourself in vibrant city cultures.

- Duration: 4 Days
- Price : \$800
- Highlights:
 - - Historic landmarks
 - - Museum visits
 - - Local cuisine

[Learn more](#)



Mountain Escapes

Adventures in breathtaking mountain scenery.


- Duration: 5 Days
- Price : \$850
- Highlights:
 - - Hiking and trekking
 - - Scenic views
 - - Wildlife spotting

[Learn more](#)



[Travel Agency Home](#)[Culinary Packages](#)[Packages](#)[Shop](#)[About](#)[Cart](#)[Bookings](#)

Tropical Paradise Getaway



Escape to a tropical paradise and experience the ultimate getaway. This 7-day all-inclusive package offers a perfect blend of relaxation, adventure, and luxury.


Package Highlights:

Flights & Accommodation: Round-trip flights and luxurious beachfront resort stay.

Beachfront Resort: Enjoy stunning ocean views and direct beach access.

[Travel Agency Home](#)[Culinary Packages](#)[Packages](#)[Shop](#)[About](#)[Cart](#)[Bookings](#)

Cultural City Experience




Immerse yourself in the vibrant culture and rich history of a bustling city. This 5-day guided tour offers an unforgettable experience, combining historical landmarks, museum visits, and the exploration of local cuisine.

Package Highlights:

Historical Landmarks: Explore iconic landmarks and historical sites with expert guides.

[Travel Agency Home](#)[Culinary Packages](#)[Packages](#)[Shop](#)[About](#)[Bookings](#)

Mountain Adventure Retreat



Embark on an exhilarating journey into the heart of the mountains. This 4-day retreat is designed for adventure seekers, offering a perfect blend of hiking, camping, and outdoor exploration.

Package Highlights:

Guided Hikes: Explore scenic trails with experienced guides.

Safari Adventure



Embark on a thrilling safari adventure through the African wilderness. This 6-day expedition offers a unique opportunity to witness incredible wildlife in their natural habitat.

Package Highlights:

Beach Paradise



Escape to a tropical paradise and immerse yourself in the tranquility of pristine beaches and crystal-clear waters. This 7-day retreat is the perfect getaway for those seeking relaxation and rejuvenation.

Package Highlights

Historic City Tour



Embark on a 7-day walking tour through a historic city and immerse yourself in its rich heritage. This tour is designed to provide you with an unforgettable experience, exploring iconic landmarks, cultural treasures, and hidden gems.


Package Highlights

Travel Agency Home

Culinary PackagesPackagesShopAboutCartBookings

Our Travel Shop


Get ready for your next adventure with our high-quality travel gear and accessories. We offer a curated selection of products designed to enhance your travel experience.



Travel Backpack

Durable and spacious backpack for all your essentials.


Add to Cart - \$50



Noise-Cancelling Headphones

Enjoy peaceful travel with these comfortable headphones.


Add to Cart - \$100





Portable Charger

Keep your devices powered up on the go.

Add to Cart - \$30







Travel Agency Home

Culinary PackagesPackagesShopAboutCartBookings

Your Cart

Travel Backpack

\$50

Total: \$50

Checkout

Your Cart

Travel Backpack

\$50

Total: \$50

Enter Your Details

Email

lakshminar467@gmail.com

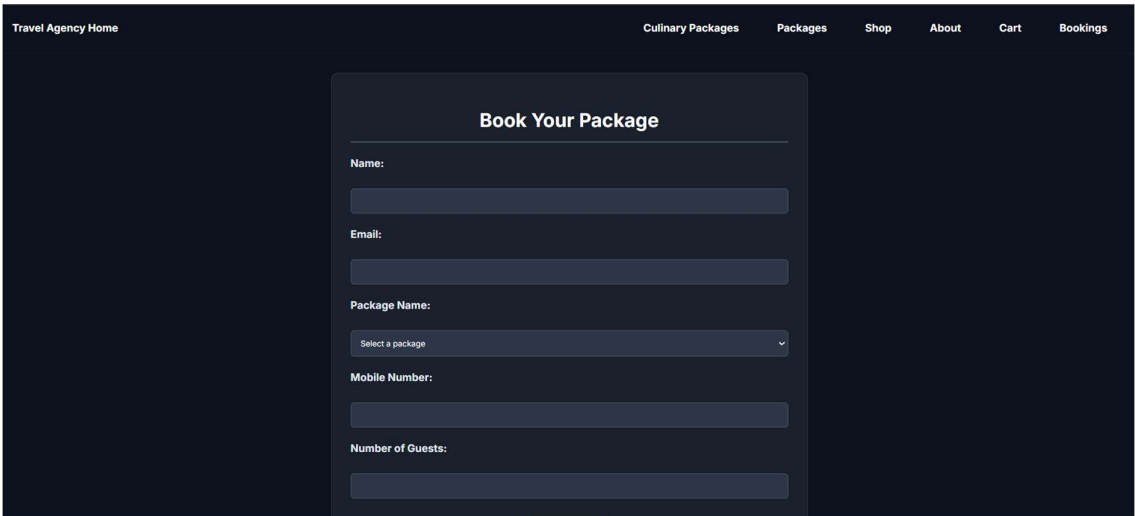
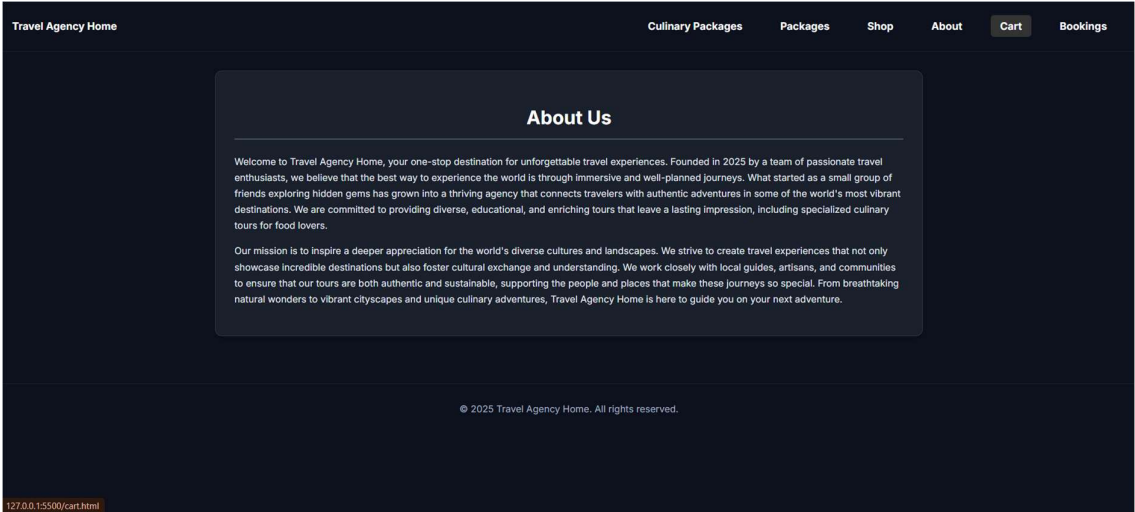
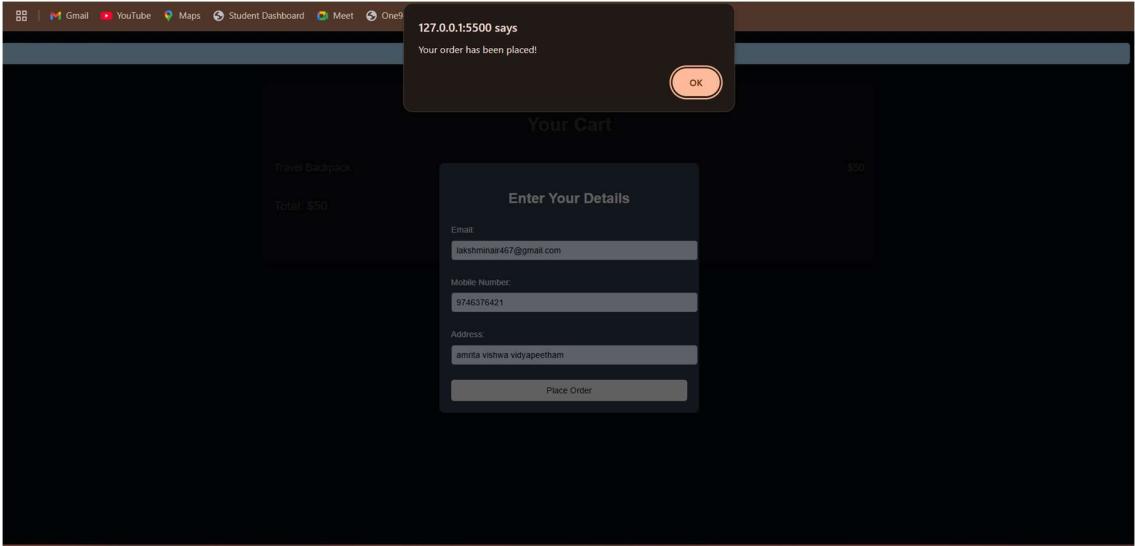
Mobile Number

9746376421

Address

amrita yishwa vidyapeetham

Place Order



Travel Agency Home

Culinary PackagesPackagesShopAboutCartBookings

Book Your Package

Name:

Lekshmi Nair

Email:

lekshminair467@gmail.com

Package Name:

Cultural City Experience

Mobile Number:

9746376421

Number of Guests:

1

Name:

Email:

Package Name:

Select a package

Mobile Number:

Number of Guests:

Book Now

Thank you, Lekshmi Nair! Your booking has been received. We will contact you shortly.

APPLICATION OF THE PROJECT

The *Travel Agency Home* website is a modern platform that combines travel package exploration, online shopping, and booking assistance, all in one easy-to-use interface. It simplifies travel planning and shopping for users, making the experience faster and more enjoyable.

- **Travel Packages:**

Users can explore a range of packages such as culinary and adventure tours, with detailed descriptions to help them make informed decisions.

- **Online Shopping:**

The shop section offers essential travel gear like backpacks, chargers, and travel pillows, displayed with images and "Add to Cart" options for a smooth shopping experience.

- **Cart Management:**

A cart system saves selected products using local storage, allowing users to review and modify their choices before finalizing purchases.

- **Responsive Design:**

The website adjusts seamlessly across desktops, tablets, and mobile devices, ensuring a smooth experience everywhere.

Thus, *Travel Agency Home* serves as an all-in-one travel companion, helping users prepare, plan, and shop for their adventures with ease.

LIMITATIONS OF THE PROJECT

While the *Travel Agency Home* website is functional and user-friendly, there are a few limitations that can be addressed in future improvements:

- **No Backend Integration:**

The website uses local storage to manage cart items instead of a real database, meaning data can be lost when the browser storage is cleared or when switching devices.

- **Static Product List:**

All travel products and packages are hardcoded into the website. There is no dynamic system to add, edit, or remove items without manually changing the code.

- **Limited Payment System:**

There is no real payment gateway integration. Users can add products to the cart but cannot proceed to make actual online payments.

- **No User Authentication:**

The system does not allow user login or account creation, which limits personalization and order tracking features.

- **Basic Booking System:**

While booking options exist, they are limited to simple forms and do not support real-time availability checking or backend confirmation.

Even with these limitations, *Travel Agency Home* offers a strong foundation for future upgrades and can be easily expanded into a full-scale travel management platform.

BIBLIOGRAPHY

- <https://www.w3schools.com/html/>
- <https://developer.mozilla.org/en-US/docs/Web/CSS>
- <https://www.w3schools.com/js/>
- <https://www.geeksforgeeks.org/html-introduction/>
- https://www.tutorialspoint.com/internet_technologies/web_development.htm

GITHUB LINK OF THE PROJECT

- https://github.com/LekshmiNair453/Interface_designs.git

Netlify link:

- [Travel Agency - Home](#)