# Travel and Tourist Management System

A PROJECT REPORT

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*Under the Guidance of*

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# ABSTRACT

The **Travel and Tourist Management System** is a web-based application developed to simplify and automate the process of travel planning and management. The primary objective of this project is to provide an integrated platform that allows users to book hotels, train tickets, and flight tickets efficiently. The system aims to enhance the user experience by offering a centralized solution for managing various travel-related services.

This system enables users to search for available options, make reservations, and receive digital tickets and receipts. It also supports secure user authentication, booking history tracking, and payment processing. From the administrative perspective, the system provides tools for managing bookings, updating availability, and generating reports.

By digitizing and centralizing the travel booking process, this project reduces manual intervention, minimizes errors, and saves time for both users and service providers. The system is designed with a focus on usability, scalability, and security, making it suitable for deployment by travel agencies, tour operators, or independent users.

The system is developed using modern programming technologies and follows a modular design to ensure ease of maintenance and future scalability. It incorporates features such as dynamic search filters, real-time availability updates, automated email confirmations, and printable e-tickets. Security is prioritized through the use of secure login mechanisms and encrypted data handling. This project not only addresses the common challenges faced in traditional travel booking processes but also contributes to digital transformation in the tourism industry by offering a reliable and efficient digital solution. Travel and Tourist Management System provides a reliable, efficient, and user-friendly approach to managing travel services in the modern digital era.

Furthermore, the system's backend is powered by a relational database that efficiently stores and manages data related to users, bookings, payments, and service inventories. By utilizing technologies such as Flask for the web framework and MySQL for data management, the system ensures seamless interaction between the front-end and back-end components. Advanced functionalities like automated cancellation handling, refund processing, and admin-level access control further enhance operational reliability. With its responsive design and cross-device compatibility, the platform ensures accessibility across desktops, tablets, and mobile devices.

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# ABBREVIATIONS

**AES** Advanced Encryption Standard

**ANN** Artificial Neural Network

**CNN** Convolutional Neural Network

**CSS** Cascading Style Sheet

**CV** Computer Vision

**DB** Database

**DNA** Deoxyribo Neucleic Acid

**GCP** Google Cloud Platform

**HAM** Human Against Machine

**HTML** Hyper Text Markup Language

**HTTP** Hyper Text Transfer Protocol

**JS** Javascript

**KNN** K Nearest Neighbours

**MNIST** Modified National Institute of Standards and Technology

**PWA** Progressive Web App

**RNA** Ribo Neucleic Acid

**ROC** Receiver Operating Characteristic

**SASS** Syntactically Awesome Style Sheets **SMOTE**

# CHAPTER 1

# INTRODUCTION

## 1.1 INTRODUCTION TO TRAVEL AND TOURIST MANAGEMENT SYSTEM:

The envisioned platform offers a seamless and intelligent solution for managing every aspect of travel and tourism, integrating smart booking services with a user-centric, automated experience. Leveraging modern web technologies and streamlined workflows, the system enables users to effortlessly plan and organize their trips by booking hotels, trains, and flights all in one place. A centralized interface ensures that each stage of the journey—from searching for options to receiving tickets and receipts—is efficient, intuitive, and secure.

The platform personalizes the travel experience by understanding users' preferences, previous bookings, and travel patterns, thereby suggesting optimal routes, accommodations, and packages. It simplifies the complexity of travel planning through automated ticketing and real-time availability checks, ensuring that travelers can make informed decisions quickly. Receipts and booking details are issued instantly, keeping all travel documents accessible and well-organized.

In addition to streamlined booking, the platform promotes a connected ecosystem where users can access travel recommendations, explore curated destinations, and receive updates about offers or travel advisories. This holistic approach transforms travel planning into a smooth and enjoyable experience, empowering users to explore the world with confidence and convenience**.**

To further enhance reliability and operational efficiency, the system incorporates intelligent backend processes such as automated data synchronization, load balancing for high-traffic periods, and fail-safe mechanisms to handle booking conflicts or payment failures. Administrators gain access to powerful dashboards that visualize key performance metrics, monitor system health, and manage customer interactions in real time. The inclusion of analytics tools enables service providers to gain insights into user behavior, seasonal trends, and demand forecasting, supporting data-driven decision-making

## 1.2 MOTIVATION

The motivation behind this platform arises from the growing need to simplify and enhance the travel planning experience in a fast-paced, digitally connected world. Traditional methods of organizing travel often involve navigating multiple platforms, managing disconnected bookings, and dealing with fragmented customer support, all of which can lead to stress and inefficiencies. Travelers today seek a more unified, intelligent system that can cater to their unique preferences while offering convenience, transparency, and reliability.

Many individuals, especially first-time travelers or those planning complex itineraries, face challenges in finding the best travel options, comparing prices, and managing reservations. This platform addresses these issues by integrating hotel, train, and flight bookings into a single, streamlined interface. By automating the ticketing and receipt process and providing real-time updates, the system ensures users can plan their trips with confidence and ease.

Furthermore, travel is more than just logistics—it's about discovering new places, experiences, and cultures. The platform supports this broader vision by offering personalized recommendations and curated travel insights, helping users make informed decisions that align with their interests. Whether for business, leisure, or adventure, the system transforms travel planning into an enjoyable, efficient journey, empowering users to explore the world with comfort, clarity, and convenience.

In addition, the platform is designed with inclusivity and adaptability in mind, ensuring accessibility for users across different age groups, technical proficiencies, and geographic locations. Multilingual support, responsive design, and intuitive navigation features make the system user-friendly for a global audience. The integration of secure payment gateways, customer support chatbots, and feedback mechanisms further enhances user trust and satisfaction. By bridging the gap between travelers and service providers through automation, personalization, and real-time connectivity, the platform not only simplifies travel logistics but also redefines how people engage with the travel industry—making every journey more informed, seamless, and memorable.

## 1.3 SUSTAINABLE DEVELOPMENT GOAL OF THE PROJECT

The Travel and Tourist Management System aligns with the United Nations' Sustainable Development Goal 11 (SDG 11): **Sustainable Cities and Communities**, which aims to make cities and human settlements inclusive, safe, resilient, and sustainable. By promoting smart travel planning, efficient resource utilization, and eco-friendly transportation options, the platform contributes to building more sustainable tourism ecosystems.

The platform encourages responsible tourism by simplifying access to public transportation such as trains and promoting affordable accommodation options, which helps reduce the environmental impact of individual travel. It also supports informed decision-making by providing users with real-time data and smart recommendations, helping them choose travel options that align with sustainability principles—such as eco-certified hotels or low-carbon travel routes.

In addition, the platform fosters inclusive travel by making services easily accessible to diverse user groups, including those with limited digital literacy or mobility. By offering a unified interface that supports the entire travel lifecycle—from booking to receipt generation—the system empowers more people to explore the world confidently and responsibly.

By supporting efficient infrastructure usage and promoting inclusive, accessible, and environmentally responsible travel, the platform plays a key role in creating sustainable communities. It not only enhances the travel experience but also contributes to the long-term vision of building smart, connected, and sustainable societies through thoughtful innovation in tourism management.

Moreover, the system’s ability to aggregate and analyze travel data can be leveraged by policymakers and urban planners to better understand tourism flows, peak travel times, and infrastructure demands. This data-driven insight supports more informed decisions regarding urban development, transport planning, and environmental conservation. By aligning private travel behavior with public sustainability goals, the platform becomes a catalyst for collaboration between individuals, businesses, and governments. Through this synergy, the Travel and Tourist Management System not only facilitates enjoyable and efficient travel but also actively contributes to the global pursuit of sustainable urban growth and responsible tourism under the framework of SDG 11.

## 1.4 PRODUCT VISION STATEMENT

### 1.4.1 Audience:

- **Primary Audience:**
    - Travelers seeking an all-in-one platform for booking hotels, trains, and flights efficiently.
    - Individuals planning personal or business trips who value ease, convenience, and real-time booking support.
- **Secondary Audience:**
    - Travel agents, tourism companies, and hospitality providers aiming to offer their services through a centralized, digital ecosystem.
    - Government tourism boards and sustainability-focused travel advocates promoting responsible tourism.

### 1.4.2 Needs:

- **Primary Needs:**
    - A unified and intuitive platform for booking all types of travel and accommodation in one place.
    - Real-time availability checks, instant ticket and receipt generation.
    - Personalized suggestions based on travel history, preferences, and current trends.
- **Secondary Needs:**
    - Integration with maps, travel guides, and recommendation engines.
    - Secure payment options and seamless digital document handling.
    - Customer support features, including chatbots or help desks, for timely assistance.

### 1.4.3 Products:

- **CoreProduct:**
  A smart Travel and Tourist Management System that enables end-to-end trip planning, allowing users to search, book, and manage hotel, train, and flight reservations with automatic ticketing and receipt issuance.
- **Additional Features:**
  - Personalized travel recommendations using user history and preferences.
  - Integration with eco-friendly travel and accommodation options.
  - Multi-language support for a diverse user base.
  - Notification system for travel alerts, updates, and promotions.
  - Admin dashboard for service providers to manage listings and monitor bookings.

### 1.4.4 Values:

- **Core Values:**
  - **Convenience:** Offering a seamless, all-in-one booking solution for travelers.
  - **Efficiency:** Automating ticketing, receipts, and travel suggestions for time-saving experiences.
  - **Sustainability:** Promoting responsible and environmentally friendly travel choices.
- **Differentiators:**
  - **Integrated Booking Platform:** Centralized access to hotel, train, and flight services.
  - **Real-Time Automation:** Instant booking confirmation and digital receipts.
  - **Smart Recommendations:** Personalized travel planning powered by user behavior and preferences.

## 1.5 PRODUCT GOAL

The primary goal of the Travel and Tourist Management System is to transform the way individuals plan and experience travel by offering a unified, intelligent, and user-friendly platform. This system is designed to empower travelers by simplifying the booking process across hotels, trains, and flights, while providing real-time ticketing and receipt generation—all in one centralized space. It aims to reduce the stress and fragmentation often associated with travel planning, making it more accessible, efficient, and enjoyable for everyone.

At its core, the platform seeks to deliver a personalized travel experience that adapts to the unique needs, preferences, and behaviors of each user. Through data-driven insights and smart recommendation engines, the system helps users make informed decisions that align with their budget, interests, and sustainability goals. The focus on automation and intelligent features ensures that travel planning is not only simplified but also enriched with tailored suggestions and reliable support.

Beyond individual convenience, the platform is committed to promoting responsible and inclusive tourism. By encouraging eco-friendly travel choices, supporting local tourism providers, and integrating accessibility features, it contributes to building a sustainable and community-oriented travel ecosystem. The goal is to foster meaningful travel experiences that connect people with cultures, landscapes, and communities in ways that are respectful, enriching, and socially responsible.

To further enhance user trust and satisfaction, the platform also prioritizes transparency, security, and real-time responsiveness. By integrating secure payment gateways, clear cancellation policies, and instant booking confirmations, the system ensures a smooth and dependable user experience. Travelers are kept informed every step of the way with timely notifications, updates, and digital receipts, minimizing uncertainty and boosting confidence in the platform. With continuous updates based on user feedback and evolving travel trends, the platform is built to grow and adapt, offering a future-ready solution that caters to the dynamic needs of modern travelers.

Ultimately, the Travel and Tourist Management System aspires to be more than just a booking tool—it aims to be a comprehensive travel companion that supports discovery, reduces complexity, and enhances the overall journey from planning to arrival.

# 1.6 PRODUCT BACKLOG

| ID | Title | Epic | User Story | Priority | Status | Acceptance Criteria | Functional Requirements | Non-Functional Requirements | Original Estimate | Actual Effort (In days) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | User Authentication | Authentication | As a user, I want to securely log in and access the app so that my personal data remains protected | Must | ToDo | 1. Users can register and log in using email/password.<br>2. Users receive a confirmation email for verification.<br>3. Secure password reset functionality is available. | Secure password hashing and storage.<br>Implement multi-factor authentication (MFA). | Authentication response time <2s.<br>Password reset email delivery <5 minutes. | 5 | 4 |
| 2 | AI-Powered Itinerary Planning | Personalization | As a traveler, I want a personalized travel itinerary based on my interests and budget so that I can have a hassle-free trip. | Must | | 1. Users can input travel preferences.<br>2. AI suggests personalized itineraries.<br>3. Users can modify generated itineraries. | AI-driven recommendation system.<br>Integration with location APIs. | Response time for itinerary generation <3s.<br>System should handle at least 1,000 concurrent users. | 7 | |
| 3 | Real-Time Travel Insights | Optimization | As a traveler, I want real-time updates on weather, traffic, and crowd levels so that I can plan accordingly. | Should | | 1. Users receive notifications for weather, traffic, and crowd conditions.<br>2. System provides alternative recommendations. | Integration with live data APIs (weather, maps, etc.).<br>Implement push notifications. | Update frequency <1 min for critical alerts.<br>Notifications should have <1s latency. | 6 | |
| 4 | Social Medi Integration | Integration | As a user, I want to share my itinerary on social media so that I can get feedback from friends. | Could | | 1. Users can share itineraries on social media.<br>2. Posts display correctly with proper metadata. | Implement sharing options for major social platforms.<br>Use Open Graph metadata for link previews. | API response time <1s.<br>Handle API rate limits effectively. | 5 | |
| 5 | Multi-Langu Support | Localization | As a global traveler, I wan to use the app in my preferred language so that I can understand all content easily. | Must | | 1. Users can select preferred language.<br>2. All content updates dynamically based on the selection. | Implement localization for UI and content.<br>Use translation services where needed. | Support at least 5 major languages.<br>Ensure culturally accurate translations. | 7 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | Offline Mode | Accessibility | As a traveler, I want to access my itinerary offline so that can use it even without an internet connection. | Could | | 1. Users can access saved itineraries without internet.<br>2. Offline changes sync when reconnected | Implement local storage for caching data.<br>Develop syncing mechanism. | Offline mode should support at least 80% of features.<br>Sync conflicts should be resolved seamlessly. | 8 | |
| 7 | AR Explora | Augmented Reality | As a traveler, I want an AR feature to explore landmarks so that I can learn about them interactively. | Could | | 1. Users can scan landmarks to get AR-based information.<br>2. 3D models or text overlays appear for identified places. | Integrate AR SDK for object detection.<br>Use geolocation-based AR markers. | AR response time <1s.<br>Accuracy of landmark recognition should be >90%. | 10 | |
| 8 | Sustainabilit Recommend | Eco-Friendly Travel | As a traveler, I want eco-friendly travel options so that I can minimize my carbon footprint. | Could | | 1. Users receive recommendations for sustainable stays and transport.<br>2. Carbon footprint of trips is displayed. | Integrate sustainable travel databases.<br>Develop a carbon footprint calculator. | Sustainable options should be available for at least 80% of destinations.<br>CO2 calculations should be accurate within ±10%. | 6 | |
| 9 | Bug Fixes | Maintenance | As a user, I want a smooth and bug-free experience so that I can navigate the app without disruptions. | Must | | 1. Resolved itinerary generation errors.<br>2. Fixed UI glitches on mobile devices.<br>3. Regression testing confirms fixes. | Identify and resolve high-priority bugs.<br>Implement automated regression tests. | Critical bugs should be resolved within 48 hours.<br>Bug tracking system in place. | Ongoing | |
| 10 | AI Chatbot Assistance | Virtual Assistant | As a user, I want an AI chatbot to answer travel-related queries so that I can get instant information. | Should | | 1. Chatbot understands and responds to common travel queries.<br>2. Provides itinerary modifications and recommendations. | Implement NLP-based chatbot.<br>Train on travel-related queries. | Chatbot response time <2s.<br>Accuracy of responses should be >85%. | 9 | |

Table 1.1 User Stories of Travel and Tourist Management System

The product backlog of the Travel and Tourist Management System was configured using the MS Planner Agile Board, as illustrated in Figure 1.1. The Product Backlog encompasses all user stories associated with the system's core functionalities, including hotel, train, and flight booking modules.

Each user story is defined with essential parameters such as MoSCoW prioritization, functional and non-functional requirements, and detailed acceptance criteria linked with specific development tasks. This structured approach ensures that the platform is developed in alignment with user needs, project goals, and quality standards.

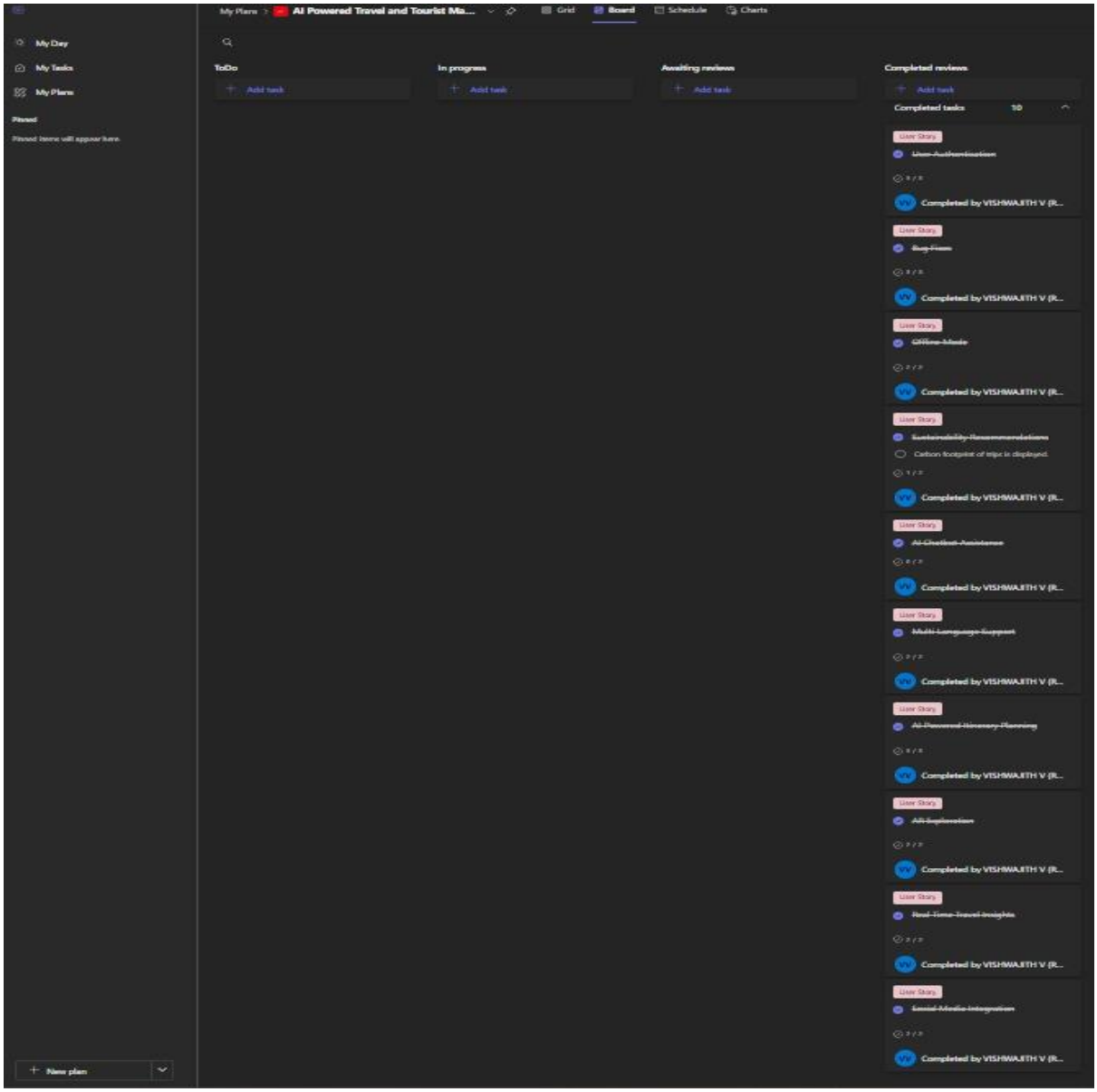



Figure 1.1 Agile Board of Travel and Tourist Management System in MS Planner

## 1.7 PRODUCT RELEASE PLAN

The following Figure 1.2 depicts the release plan of the project

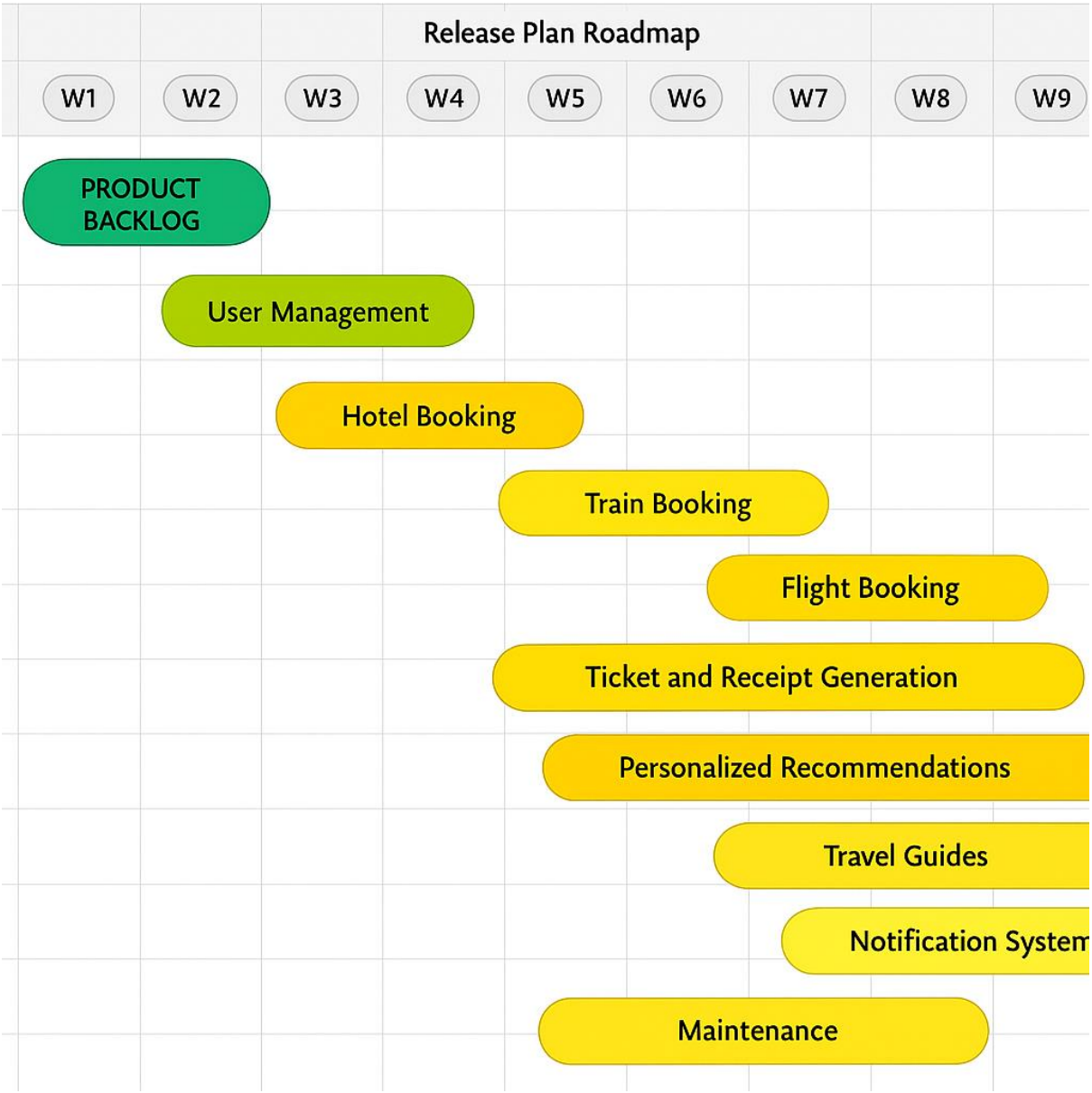



Figure 1.2 Release plan of AI E-learning Application

# CHAPTER 2

# SPRINT PLANNING AND EXECUTION

## 2.1 SPRINT 1

### 2.1.1 SPRINT GOAL WITH USER STORIES OF SPRINT 1

**Sprint Goal:**

To establish the foundational components of the **Travel and Tourist Management System** by completing backend server configuration, frontend template development, and secure user role management for customers and administrators. The objective was to ensure a fully functional, responsive, and secure system framework that supports user registration, login, and dashboard access—paving the way for feature modules like travel bookings and payment integration in upcoming sprints.

**User Stories for Sprint 1:**

- As a new user, I want to register and log into the platform so that I can securely access travel-related services.
- As a user, I want to search for travel services such as trains, flights, and hotels so that I can plan my trip effectively
- As a registered user, I want to view and edit my profile so that my personal and travel preferences are saved.
- As a registered user, I want to book tickets and receive digital confirmations so that I can conveniently manage my travel without manual paperwork.
- As an admin, I want to manage and monitor user bookings so that I can ensure accurate service delivery and respond to user inquiries efficiently.

### 2.1.2 FUNCTIONAL DOCUMENT

The development during Sprint 1 for the Travel and Tourist Management System focused on establishing the core infrastructure of the application, including backend setup, frontend design, and user authentication functionality. Flask was utilized as the backend framework to create essential routes for user registration, login, and access to role-based dashboards for both customers and administrators. A MySQL database was configured to manage user data, with

tables structured for storing customer and admin credentials while maintaining referential integrity. To ensure data security, passwords were encrypted using the bcrypt hashing algorithm before being stored in the database.

On the frontend, HTML templates were crafted and rendered using Flask's Jinja2 templating engine. Bootstrap was integrated to style the registration and login interfaces, ensuring responsiveness across various devices and screen sizes. Separate dashboard templates were developed to support distinct user roles, enabling features like tour booking access for customers and booking management tools for administrators. This foundational sprint laid the groundwork for a secure, scalable, and user-friendly travel booking platform.2.1.3 Architecture Document

## 2.1.3 ARCHITECTURE DOCUMENT

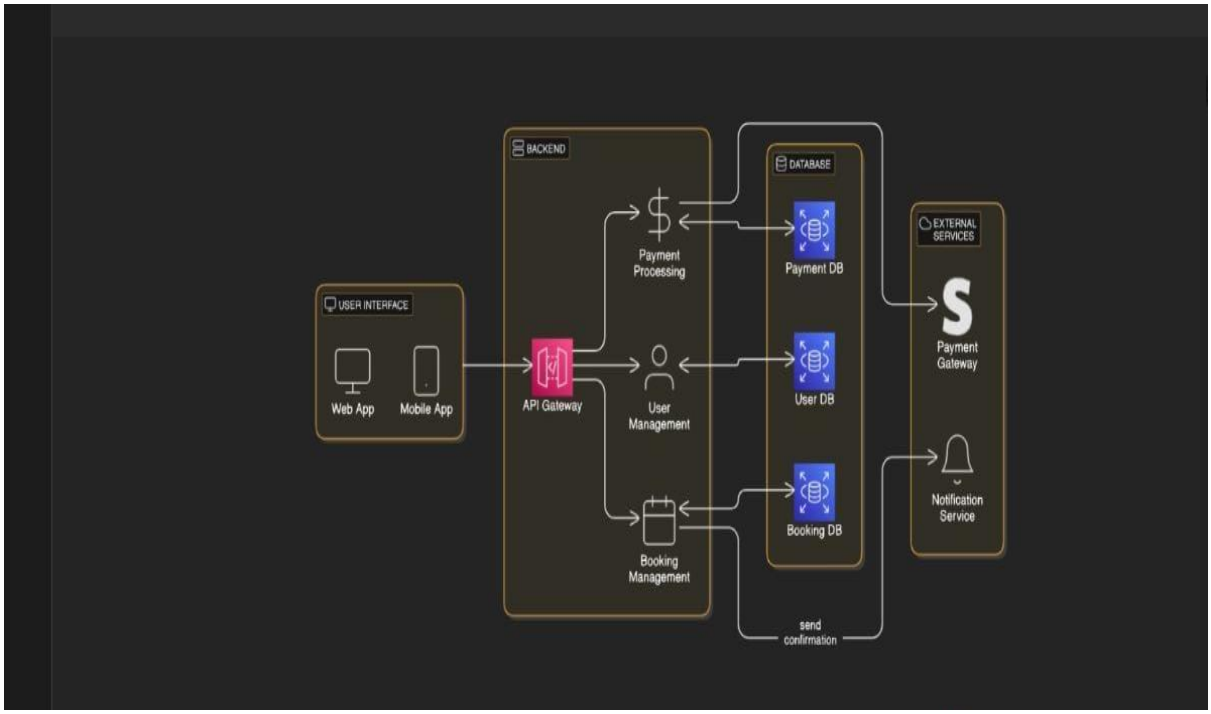



Figure 2.1 System Architecture Diagram

## 2.1.4 UI DESIGN

The UI design strategy for Sprint 1 of the Travel and Tourist Management System focused on delivering a clean, intuitive, and responsive interface to ensure a smooth onboarding experience for users. Both customers and administrators were presented with simple and accessible registration and login forms. After successful authentication, users were directed to their respective dashboards—customers to the travel booking interface and admins to the booking management panel—streamlining navigation and reducing user friction.

Flash messages were incorporated to provide immediate feedback on user actions, such as invalid login attempts or successful registrations, enhancing usability. Bootstrap's responsive grid system was employed to maintain a uniform experience across various screen sizes and devices, ensuring accessibility for all users. The design philosophy centered on clarity and ease of use, prioritizing a minimalistic layout to avoid overwhelming users in the early stages of the system rollout. This approach set the foundation for a user-friendly and scalable interface as additional features are introduced in future sprints.

### 2.1.5 FUNCTIONAL TEST CASES

During Sprint 1 of the Travel and Tourist Management System, manual functional testing was conducted thoroughly to verify the performance and reliability of foundational modules. Testing began with the Customer Registration module, where all form fields—such as name, email, and password—were validated to ensure proper input handling and that no required fields were left blank. Successful registrations were verified by checking the corresponding entries in the Customer table within the MySQL database.

Subsequently, the Customer Login module was tested using both valid and invalid credentials. Successful login attempts redirected users to the customer dashboard, while invalid attempts triggered appropriate error messages through flash alerts. Logout functionality was tested to confirm that session variables were cleared and unauthorized dashboard access was properly restricted afterward.

Administrator Registration and Login modules underwent similar tests to validate secure authentication, password hashing with bcrypt, and protected access to the admin dashboard. Additional verification ensured that all passwords were stored in hashed form, eliminating any storage of plaintext credentials. These tests collectively ensured that the basic user management system operated securely and as expected.

### 2.1.6 DAILY CALL PROGRESS

Daily stand-up calls during Sprint 1 of the Travel and Tourist Management System played a vital role in maintaining transparency, ensuring task alignment, and fostering quick issue resolution among team members. From Day 1 to Day 7, the focus was on Backend Development, with updates centering around Flask server setup, MySQL database integration, and the implementation of core user authentication routes for both customers and admins. Discussions included structuring the database to support scalable user management and integrating bcrypt-based password hashing to enhance security.

Between Day 8 and Day 15, attention shifted to Frontend Development. Daily updates involved designing and coding login and registration pages using HTML, Jinja2 templates, and Bootstrap for responsive design. Integration with Flask routes and session management was tested continuously. Team members collaborated on resolving UI bugs and ensuring form validation handled all edge cases gracefully.

From Day 16 to Day 20, the focus moved to Customer Role Management. The team tracked development on customer-specific session handling, authentication logic, and dashboard redirection after login. Stand-up meetings helped prioritize debugging tasks related to unauthorized access and ensured role-based access control was functioning as intended.

Finally, during Day 21 to Day 25, efforts were directed toward completing the Admin Role Management module. Discussions included segregating administrative functionalities from general users, verifying secure access to the admin dashboard, and finalizing authentication workflows. Toward the end of the sprint, the team used daily calls to plan and perform manual integration testing, ensuring cohesive communication between frontend elements and backend services, and validating the readiness of Sprint 1 deliverables.

### 2.1.7 COMMITTED VS COMPLETED USER STORIES

| User Story | Committed | Completed |
|---|---|---|
| **Backend Setup (Flask, MySQL)** | ✅ | ✅ |
| **Frontend Template Integration** | ✅ | ✅ |
| **Customer Role Management** | ✅ | ✅ |
| **Admin Role Management** | ✅ | ✅ |
| **Booking Interface Implementation** | ✅ | ✅ |
| **Real-Time Availability Integration** | ✅ | ✅ |

Table 2.1 Committed and Completed User Stories Sprint 1

### 2.1.8 SPRINT RETROSPECTIVE

What Went Well:

Backend and database integration (Flask + MySQL) was completed smoothly ahead of schedule.

Customer and admin login/registration flows functioned reliably with minimal debugging.

Using Bootstrap enabled quick development of responsive and consistent front-end pages.

What Could Have Been Better:

More time in the early sprint phase should have been spent finalizing the database schema, which would have prevented minor structural changes mid-development.

Flash messaging for real-time user feedback during form interactions was implemented late and could have improved user experience if added earlier.

Action Items for Next Sprint:

Refine UI/UX for core modules such as hotel, flight, and train booking interfaces.

Extend the database to include structured tables for Bookings, Payments, Tickets, and Travel Packages.

## 2.2 SPRINT 2

### 2.2.1 SPRINT GOAL WITH USER STORIES OF SPRINT 2

**Sprint Goal:**

To integrate the core functional modules of the Travel and Tourist Management System, including travel booking workflows (for hotels, flights, and trains), automated receipt generation, secure payment processing, and user feedback submission. The objective was to deliver a stable, user-ready platform that supports end-to-end travel planning and ensures a seamless and reliable booking experience by the end of the sprint.

**User Stories for Sprint 2:**

- As a registered user, I want to book hotels, trains, and flights so that I can plan and reserve all my travel services in one place.
- As a user, I want to receive digital receipts and booking confirmations immediately after payment so that I have proof of my transactions.

- As a user, I want to make secure payments through the platform so that I can complete my bookings safely and efficiently.
- As an admin, I want to view and manage all user bookings and payments so that I can provide support and oversee system activity.
- As a user, I want to submit feedback or reviews for my travel experiences so that others can benefit from my opinions and the system can improve.

### 2.2.2 FUNCTIONAL DOCUMENT

In Sprint 2, the focus was on integrating core features to enhance the user experience and functionality of the Travel and Tourist Management System. The Booking System Integration allowed registered users to book hotels, flights, and trains through the platform, while administrators could manage bookings and availability. The frontend was updated to dynamically display real-time options, ensuring smooth interaction. Additionally, Receipt Generation was implemented, where digital receipts were automatically generated and sent to users upon successful bookings, containing booking details and payment confirmations. For secure financial transactions, Payment Integration was introduced, enabling users to complete payments via a secure gateway. Each transaction was linked to a unique booking ID, with payment statuses reflecting in the database. To enhance the system further, users could now submit Feedback and Reviews for their travel experiences, helping future customers make informed decisions. Automation tasks, such as automated booking confirmations and secure data storage, were also set up, ensuring the system ran efficiently without manual intervention. This sprint marked a significant step toward providing a fully functional, user-friendly platform.

## 2.2.3 Architecture Document

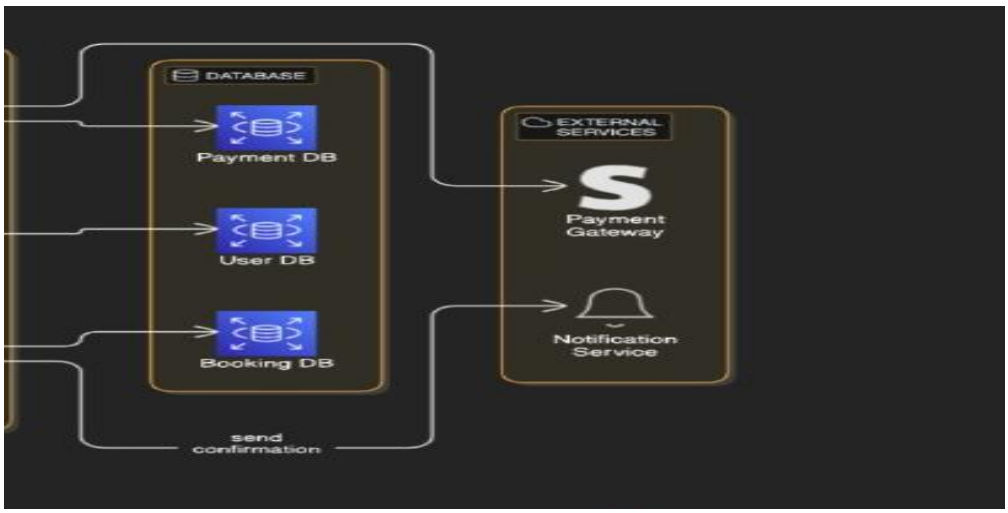



Figure 2.2 Architecture Diagram for Sprint 2

### 2.2.4 UI DESIGN

In Sprint 2, UI enhancements were focused on improving usability and user interaction throughout the platform. A travel service listing page was designed to display key information such as service type (hotel, flight, train), location, and price, allowing users to easily browse available options. A search bar was integrated at the top of the listing page, enabling users to quickly filter results by criteria like price or location for faster and more efficient decision-making. A payment page was created where users could input their payment details securely and view instant confirmation receipts once transactions were completed. Feedback messages were also displayed after successful payments or searches, improving the clarity of user actions and next steps..

### 2.2.5 FUNCTIONAL TEST CASES

Functional testing during Sprint 2 was critical to ensure the proper functioning of the core features. The Travel Service Listing feature was tested to confirm that services added by the admin (hotels, trains, flights) appeared correctly to users. Testing ensured that CRUD operations on travel services were reflected in real-time on the frontend. The Search Bar Integration was thoroughly tested by performing keyword searches and verifying that the correct results were displayed. Edge cases, such as empty searches or invalid inputs, were also tested to ensure that the system handled them gracefully. For Payment Integration, tenants were able to initiate payments, and tests confirmed that unique transaction IDs were generated, payment statuses were accurately updated, and receipts were generated. The Automation Tasks were also tested, with stored procedures verifying that overdue payment statuses were updated automatically, and triggers ensured tenant data was backed up when records were deleted. Integration testing was carried out across all modules after feature development to ensure that new functionalities did not break existing user flows or cause issues across the platform.

### 2.2.6 DAILY CALL PROGRESS

Daily stand-ups during Sprint 2 played a vital role in ensuring steady progress and smooth integration of the newly developed features in the Travel and Tourist Management System. From Day 1 to Day 4, the team focused on implementing the Search Bar Integration, where backend queries were developed and tested to dynamically filter travel services such as flights, hotels, and trains based on user input. Between Day 5 and Day 10, efforts were directed toward Payment Integration, including database linkage, UUID generation for unique transaction tracking, and updating booking/payment statuses upon successful transactions. From Day 11 to Day 16, attention shifted to Service Listing Management, with administrators finalizing

CRUD operations for travel services and ensuring the frontend properly reflected these updates for end users. Finally, Day 17 to Day 20 was dedicated to Testing, where daily discussions revolved around manual testing of search, booking, and payment modules, along with validation of stored procedures and triggers.

### 2.2.7 COMMITTED Vs COMPLETED USER STORIES

| User Story | Committed | Completed |
|---|---|---|
| **Travel Service Listing Management** | ✅ | ✅ |
| **Search Bar Integration** | ✅ | ✅ |
| **Payment & Receipt Generation** | ✅ | ✅ |
| **Feedback Submission Module** | ✅ | ✅ |
| **Testing & Automation Validation** | ✅ | ✅ |

Table 2.2 Committed and Completed User Stories Sprint 2

### 2.2.8 SPRINT RETROSPECTIVE

What Went Well:

- Feature development stayed on track for service listing, search integration, and payment & receipt generation.
- Backend and frontend integration was handled efficiently, resulting in minimal bugs during final testing.

What Could Have Been Better:

- More attention was needed to fine-tune the UI/UX of the search and filtering interface for better usability.
- Initial confusion in setting up relational constraints between bookings and payments led to minor delays.

Action Items for the Future: Implement a structured automated testing framework (unit and integration tests) to support future feature expansion and deployment readiness.

# CHAPTER 3

# RESULTS AND DISCUSSION

## 3.1 PROJECT OUTCOMES

The Travel and Tourist Management System successfully fulfills its objective of providing a unified, scalable, and secure web-based platform for managing travel services including hotel bookings, train and flight reservations, and user feedback. Developed using Flask for backend logic and MySQL for data management, the system enables both users and administrators to carry out their tasks efficiently. Core features such as user registration, service search and booking, receipt generation, and secure payments were implemented and rigorously tested. Role-based access controls were enforced to ensure appropriate user privileges and secure navigation across the platform.

A strong focus was placed on system security and data integrity. Passwords are securely hashed using Bcrypt before storage, while Flask-based session management ensures authenticated access throughout the user journey. UUIDs are used to uniquely identify each booking and transaction, thereby enhancing traceability and minimizing the risk of duplication or fraud. Additionally, backend procedures and triggers automate status updates and preserve booking records, supporting the system's goal of reducing manual dependencies and errors.

The administrator dashboard offers a centralized view of all activities, including total bookings, user counts, and revenue metrics, enabling informed decision-making through real-time data. For end users, the platform delivers a seamless experience—users can search services using dynamic filters, book multiple travel components in one session, and instantly receive digital receipts and confirmation messages. These features promote ease of use, improve efficiency, and reduce the complexity typically associated with multi-modal travel planning.

The relational database schema is normalized and uses consistent foreign key mappings to maintain referential integrity between users, bookings, payments, and service listings. Backup strategies and procedural automation further ensure data resilience. Overall, the system not only meets the technical and functional goals outlined at the start of development but also provides a dependable and scalable solution for real-world travel management needs.

## 3.2 TOTAL COMMITTED VS COMPLETED USER STORIES

At the beginning of the development cycle, a clear set of user stories was established, targeting essential functionalities for an integrated travel platform. These included user registration and login, secure authentication, multi-modal travel search (flights, trains, and hotels), booking management, receipt generation, and payment handling. All critical user stories committed at the planning stage were successfully implemented, tested, and deployed, resulting in a fully operational core system. Key modules such as login/registration, booking workflows, transaction tracking via UUIDs, and automated receipt generation were delivered within the planned timeline.

While the MVP was fully achieved, a few advanced enhancements—such as real-time notifications for booking updates, personalized recommendation systems, and advanced search filters for price, date, and travel mode—were conceptualized but not fully implemented within the original sprint schedule. These features were defined as stretch goals and considered non-blocking to the system's primary functionality. Their deferral was a deliberate decision to prioritize database consistency, secure session management, and transactional reliability, which are critical to any booking-based system.

Despite the postponement of some optional features, the project delivered a high completion rate of committed user stories and ensured that the primary goals of building a functional, secure, and user-friendly travel booking system were fully met. The system is stable, scalable, and ready for future iterations that can build on this solid foundation to include more advanced user engagement features without compromising the integrity of the core operations.

The system's architecture was designed with scalability and modularity in mind, ensuring that future enhancements can be integrated without disrupting existing functionality. Each module—be it booking, payment, or user management—was developed independently using Flask's blueprint architecture, allowing for clean separation of concerns and easier maintenance. Additionally, the database was structured using normalization principles, with clearly defined relationships across users, bookings, transactions, and receipts to avoid redundancy and maintain integrity. This robust foundation supports not only smooth current operations but also lays the groundwork for upcoming features such as multi-language support, partner APIs for real-time travel data, and personalized travel dashboards.

# CHAPTER 4

# CONCLUSION & FUTURE ENHANCEMENTS

## 4.1 CONCLUSION

The Travel and Tourist Management System effectively achieves its objective of simplifying and streamlining travel planning and service access for users. By integrating a structured backend with a user-friendly frontend interface, the system enables users to search for transportation and accommodation options, manage their profiles, and make informed travel decisions. This centralized approach not only reduces the complexity of planning trips but also promotes organized and efficient tourism management for both users and service providers.

A key strength of the project is its focus on usability, responsiveness, and real-time interaction. Built using technologies such as Flask, MySQL, and Bootstrap, the platform ensures fast performance, smooth navigation, and scalable design. Whether booking train tickets, finding hotels, or viewing travel receipts, users experience a seamless flow of services within a unified interface. The integration of session-based authentication and data validation further enhances security and reliability.

This project also lays a strong foundation for future enhancements. With core modules like travel service search, booking, and feedback collection in place, the system is well-positioned to incorporate advanced features such as route optimization, eco-friendly travel recommendations, and multilingual support. By automating major aspects of travel planning, the platform not only improves user convenience but also aligns with broader goals of sustainable and inclusive tourism.

While the system currently delivers essential travel functionalities, future iterations could further improve the user experience by integrating real-time transport APIs, push notifications for itinerary updates, and AI-based personalized suggestions. Such improvements would increase engagement and provide travelers with even more flexibility and control, positioning the system as a comprehensive digital solution for modern tourism needs.

## 4.2 FUTURE ENHANCEMENTS

To enhance the functionality of the Travel and Tourist Management System, several potential improvements can be considered. First, developing a mobile application could significantly increase accessibility for users who prefer managing their travel plans on the go. Currently, the platform is designed for web access, which may limit its reach. A mobile app would provide users the flexibility to access and manage their bookings, itineraries, and travel information anytime and anywhere, especially for those who are traveling and need instant access to updates.

Another key enhancement could involve the integration of an AI-driven recommendation engine. By analyzing users' preferences, travel history, and behavior, the system could suggest personalized travel options such as destinations, hotels, or activities tailored to individual needs. This would save users time by providing them with customized travel recommendations and improve the overall booking experience.

Security is another critical area for improvement. As the system handles sensitive user data such as payment information and personal details, it is essential to ensure robust security protocols. Introducing features like end-to-end encryption, multi-factor authentication, and regular security audits would safeguard user data and provide travelers with a more secure environment to make bookings and manage their personal information.

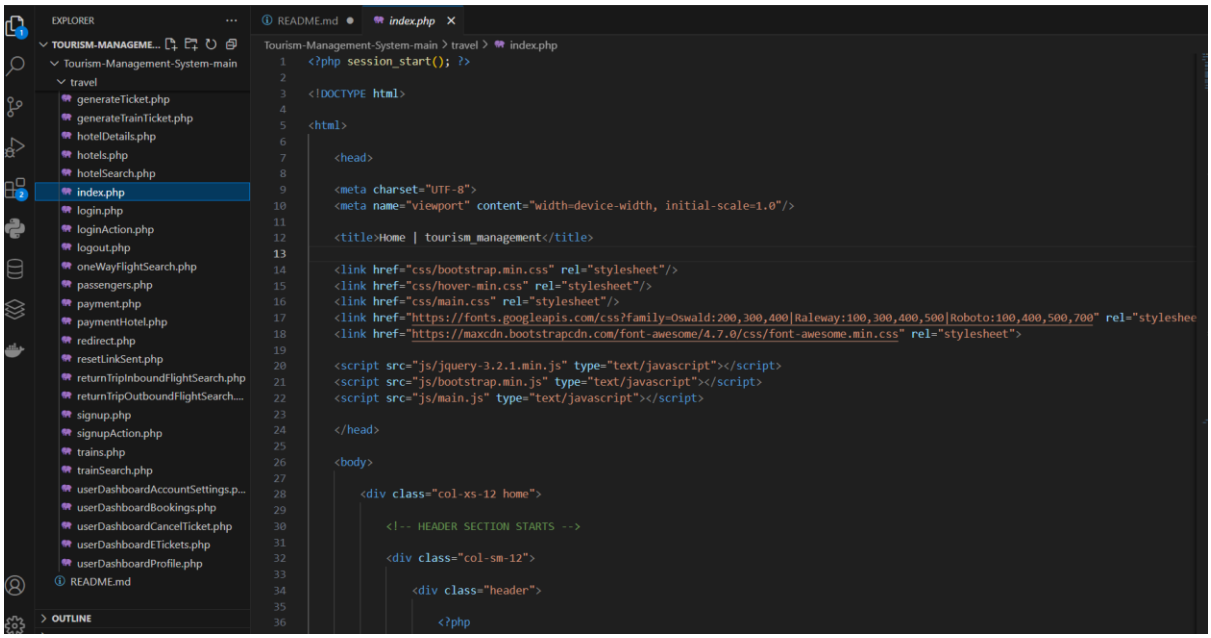
Additionally, expanding payment options to include multiple payment methods, such as credit cards, bank transfers, and digital wallets, would enhance the system’s accessibility. By accommodating different payment preferences, the platform would be able to serve a wider user base, making the booking process more convenient and inclusive.

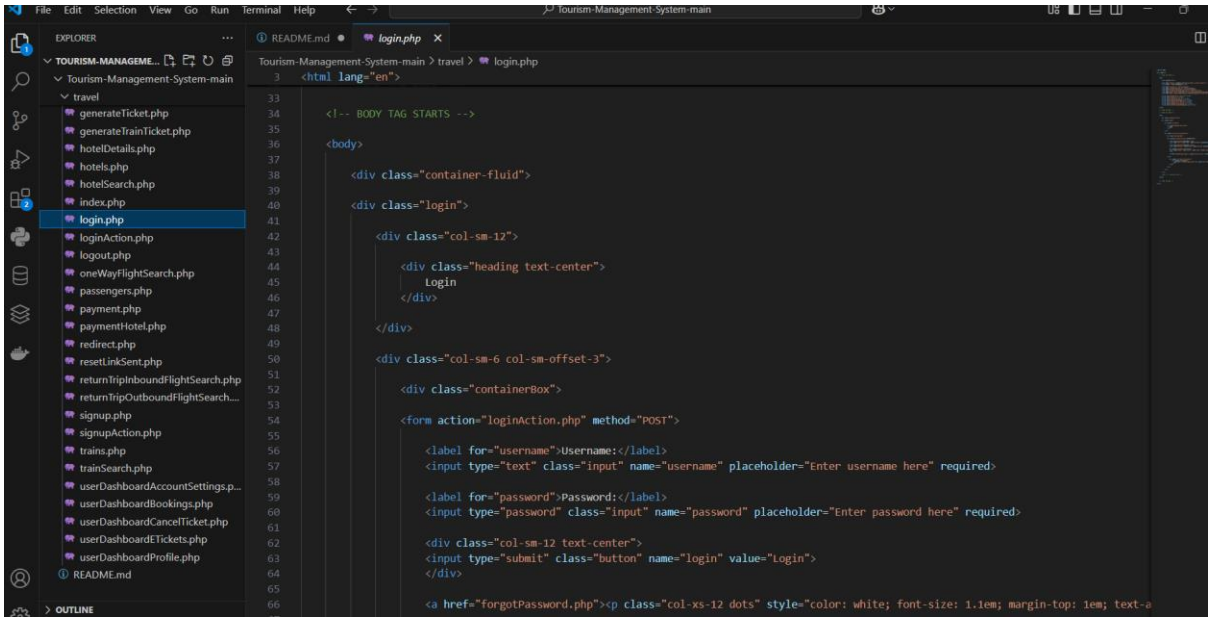
Finally, integrating real-time notifications and travel updates could improve user experience by keeping travelers informed about their trips. Alerts for flight delays, hotel check-ins, or changes in itineraries would reduce uncertainty and ensure that users are always updated on their travel plans. These enhancements would not only make the platform more efficient but also provide a smoother, more personalized experience for travelers.

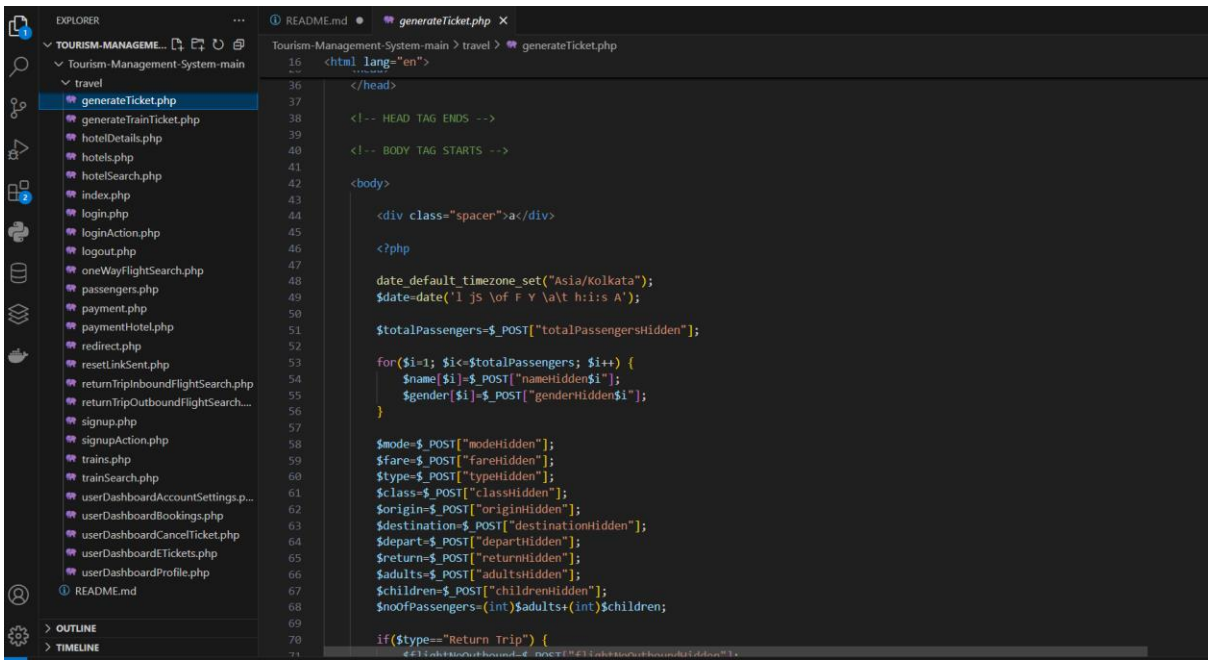
# APPENDIX A

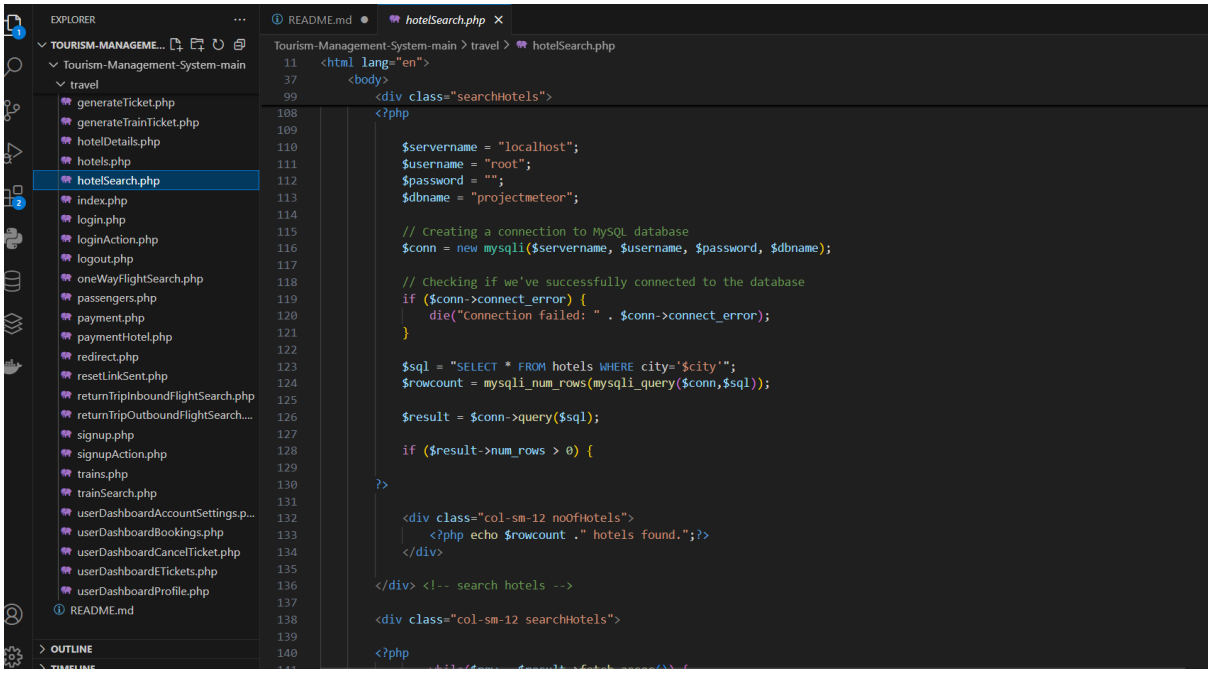
# CODING:

## SAMPLE CODE




EXPLORER
README.md
generateTicket.php
Tourism-Management-System-main > travel > generateTicket.php
<html lang="en">
</head>
<!-- HEAD TAG ENDS -->
<!-- BODY TAG STARTS -->
<body>
a
<?php
date_default_timezone_set("Asia/Kolkata");
$date=date('l jS \of F Y \a\t h:i:s A');
$totalPassengers=$_POST["totalPassengersHidden"];
for($i=1; $i<=$totalPassengers; $i++) {
$name[$i]=$_POST["nameHidden$i"];
$gender[$i]=$_POST["genderHidden$i"];
}
$mode=$_POST["modeHidden"];
$fare=$_POST["fareHidden"];
$type=$_POST["typeHidden"];
$class=$_POST["classHidden"];
$origin=$_POST["originHidden"];
$destination=$_POST["destinationHidden"];
$depart=$_POST["departHidden"];
$return=$_POST["returnHidden"];
$adults=$_POST["adultsHidden"];
$children=$_POST["childrenHidden"];
$noOfPassengers=(int)$adults+(int)$children;
if($type=="Return Trip") {
TOURISM-MANAGEME...
Tourism-Management-System-main
travel
generateTicket.php
generateTrainTicket.php
hotelDetails.php
hotels.php
hotelSearch.php
index.php
login.php
loginAction.php
logout.php
oneWayFlightSearch.php
passengers.php
payment.php
paymentHotel.php
redirect.php
resetLinkSent.php
returnTripInboundFlightSearch.php
returnTripOutboundFlightSearch....
signup.php
signupAction.php
trains.php
trainSearch.php
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
TIMELINE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README.md
hotelSearch.php
Tourism-Management-System-main > travel > hotelSearch.php
<html lang="en">
<body>

<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "projectmeteor";
// Creating a connection to MySQL database
$conn = new mysqli($servername, $username, $password, $dbname);
// Checking if we've successfully connected to the database
if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);
}
$sql = "SELECT * FROM hotels WHERE city='$city'";
$rowcount = mysqli_num_rows(mysqli_query($conn,$sql));
$result = $conn->query($sql);
if ($result->num_rows > 0) {
?>

<?php echo $rowcount ." hotels found.";?>

 <!-- search hotels -->

<?php
TOURISM-MANAGEME...
Tourism-Management-System-main
travel
generateTicket.php
generateTrainTicket.php
hotelDetails.php
hotels.php
hotelSearch.php
index.php
login.php
loginAction.php
logout.php
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passengers.php
payment.php
paymentHotel.php
redirect.php
resetLinkSent.php
returnTripInboundFlightSearch.php
returnTripOutboundFlightSearch....
signup.php
signupAction.php
trains.php
trainSearch.php
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
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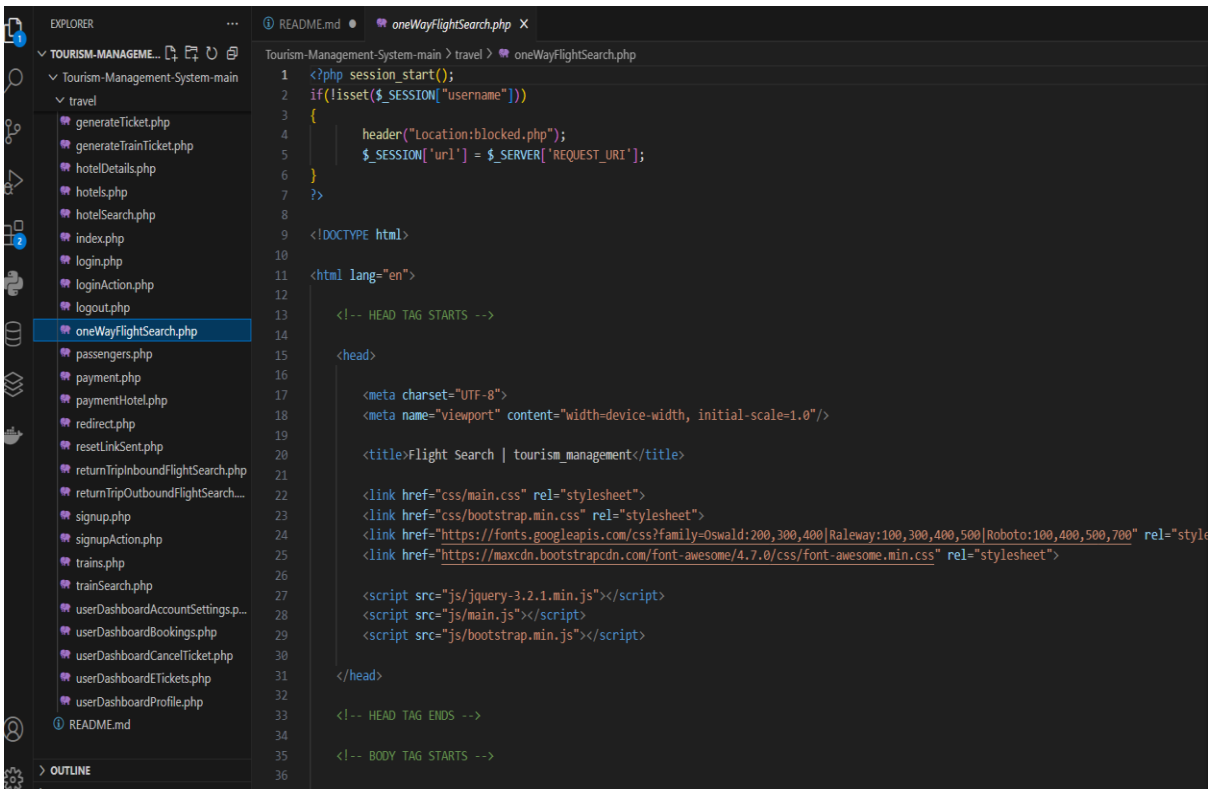
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README.md
oneWayFlightSearch.php
Tourism-Management-System-main > travel > oneWayFlightSearch.php
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login.php
loginAction.php
logout.php
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payment.php
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returnTripInboundFlightSearch.php
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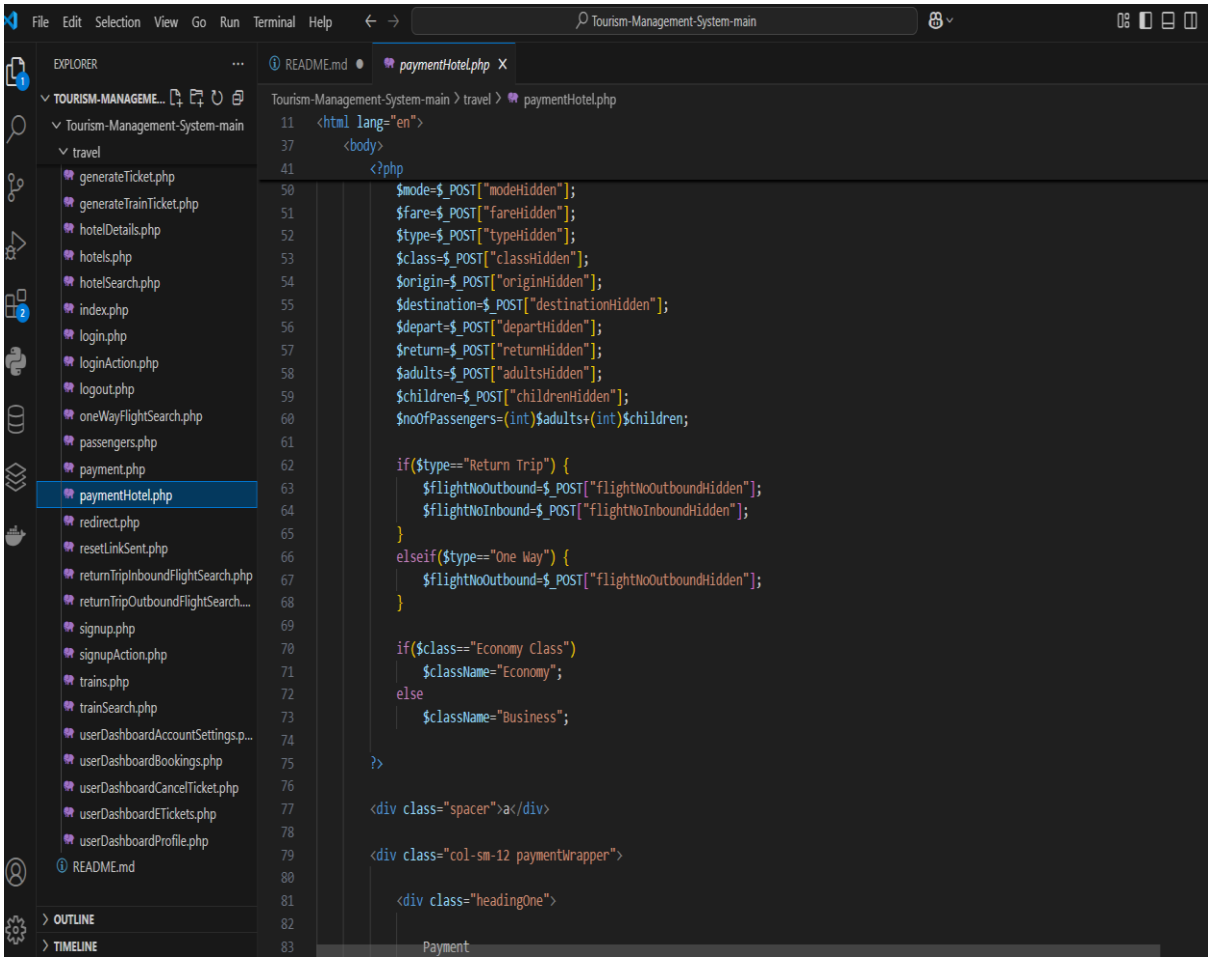
trains.php
trainSearch.php
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
<?php session_start();
if(!isset($_SESSION["username"]))
{
header("Location:blocked.php");
$_SESSION['url'] = $_SERVER['REQUEST_URI'];
}
?>
<!DOCTYPE html>
<html lang="en">
<!-- HEAD TAG STARTS -->
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0"/>
<title>Flight Search | tourism_management</title>
<link href="css/main.css" rel="stylesheet">
<link href="css/bootstrap.min.css" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Oswald:200,300,400|Raleway:100,300,400,500|Roboto:100,400,500,700" rel="style
<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">
<script src="js/jquery-3.2.1.min.js"></script>
<script src="js/main.js"></script>
<script src="js/bootstrap.min.js"></script>
</head>
<!-- HEAD TAG ENDS -->
<!-- BODY TAG STARTS -->


File Edit Selection View Go Run Terminal Help
Tourism-Management-System-main
EXPLORER
README.md
paymentHotel.php
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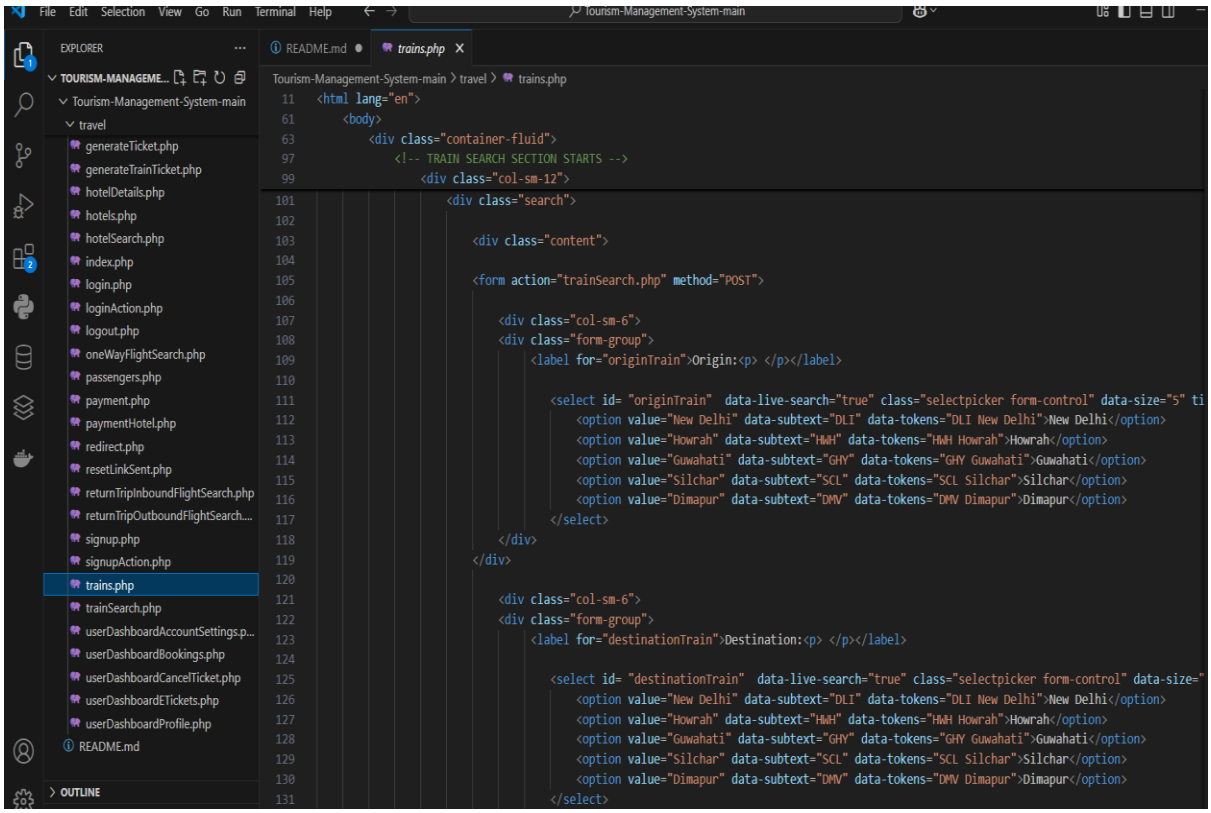
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
TIMELINE
<html lang="en">
<body>
<?php
$mode=$_POST["modeHidden"];
$fare=$_POST["fareHidden"];
$type=$_POST["typeHidden"];
$class=$_POST["classHidden"];
$origin=$_POST["originHidden"];
$destination=$_POST["destinationHidden"];
$depart=$_POST["departHidden"];
$return=$_POST["returnHidden"];
$adults=$_POST["adultsHidden"];
$children=$_POST["childrenHidden"];
$noOfPassengers=(int)$adults+(int)$children;
if($type=="Return Trip") {
$flightNoOutbound=$_POST["flightNoOutboundHidden"];
$flightNoInbound=$_POST["flightNoInboundHidden"];
}
elseif($type=="One Way") {
$flightNoOutbound=$_POST["flightNoOutboundHidden"];
}
if($class=="Economy Class")
$className="Economy";
else
$className="Business";
?>
a

Payment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EXPLORER
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travel
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trainSearch.php
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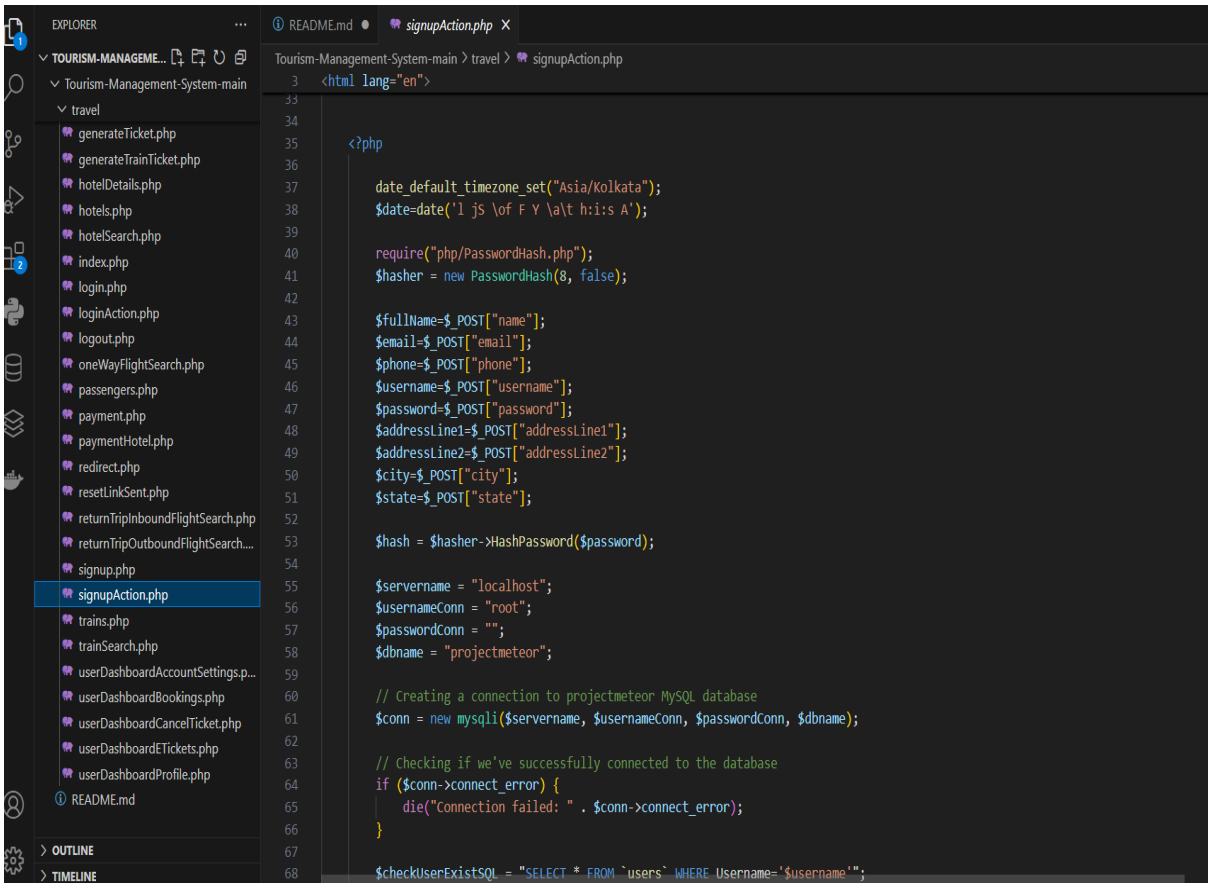
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
<html lang="en">
<body>

<!-- TRAIN SEARCH SECTION STARTS -->

<form action="trainSearch.php" method="POST">

<label for="originTrain">Origin: </label>
<select id= "originTrain" data-live-search="true" class="selectpicker form-control" data-size="5" ti
<option value="New Delhi" data-subtext="DLI" data-tokens="DLI New Delhi">New Delhi</option>
<option value="Howrah" data-subtext="HWH" data-tokens="HWH Howrah">Howrah</option>
<option value="Guwahati" data-subtext="GHY" data-tokens="GHY Guwahati">Guwahati</option>
<option value="Silchar" data-subtext="SCL" data-tokens="SCL Silchar">Silchar</option>
<option value="Dimapur" data-subtext="DMV" data-tokens="DMV Dimapur">Dimapur</option>
</select>

<label for="destinationTrain">Destination: </label>
<select id= "destinationTrain" data-live-search="true" class="selectpicker form-control" data-size="
<option value="New Delhi" data-subtext="DLI" data-tokens="DLI New Delhi">New Delhi</option>
<option value="Howrah" data-subtext="HWH" data-tokens="HWH Howrah">Howrah</option>
<option value="Guwahati" data-subtext="GHY" data-tokens="GHY Guwahati">Guwahati</option>
<option value="Silchar" data-subtext="SCL" data-tokens="SCL Silchar">Silchar</option>
<option value="Dimapur" data-subtext="DMV" data-tokens="DMV Dimapur">Dimapur</option>
</select>


EXPLORER
README.md
signupAction.php
Tourism-Management-System-main › travel › signupAction.php
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generateTrainTicket.php
hotelDetails.php
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hotelSearch.php
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signup.php
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trainSearch.php
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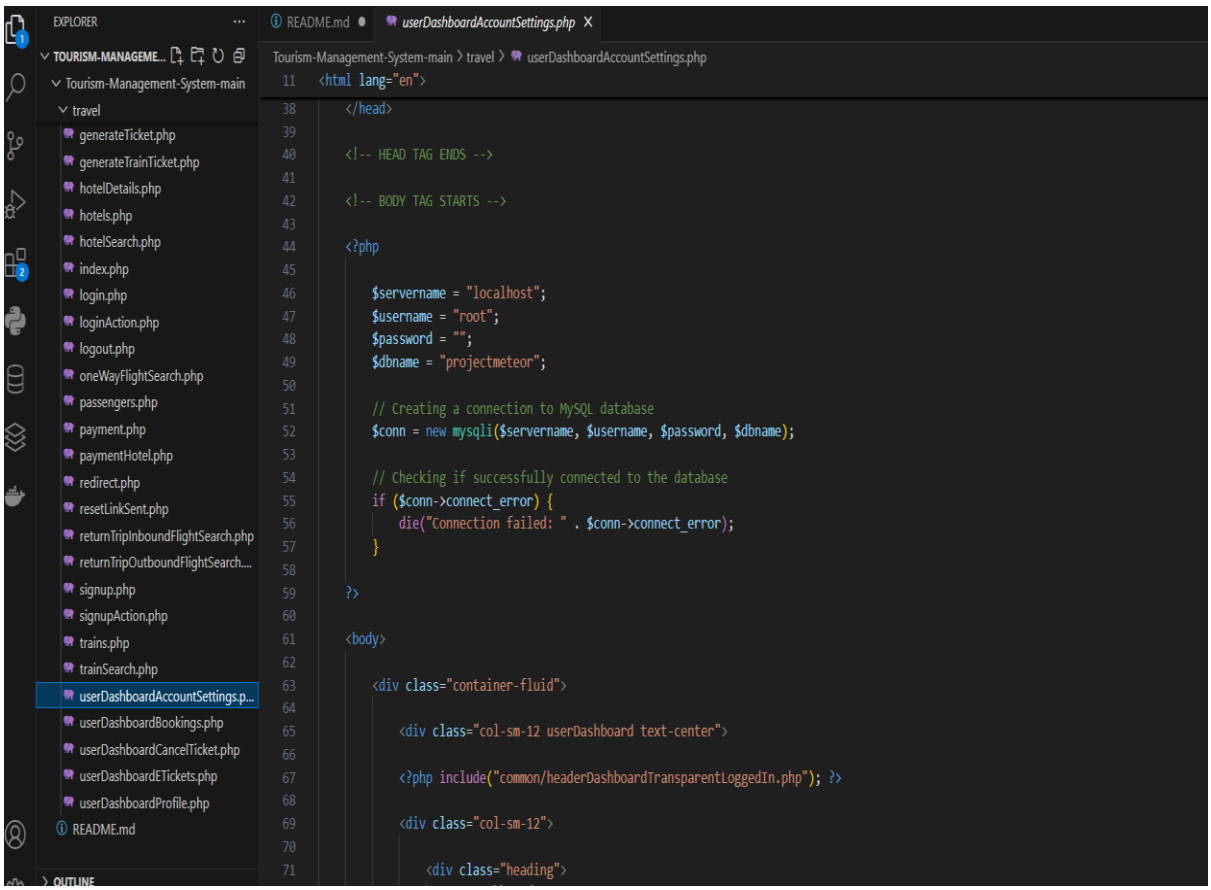
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
TIMELINE
<html lang="en">
<?php
date_default_timezone_set("Asia/Kolkata");
$date=date('l jS \of F Y \a\t h:i:s A');
require("php/PasswordHash.php");
$hasher = new PasswordHash(8, false);
$fullName=$_POST["name"];
$email=$_POST["email"];
$phone=$_POST["phone"];
$username=$_POST["username"];
$password=$_POST["password"];
$addressLine1=$_POST["addressLine1"];
$addressLine2=$_POST["addressLine2"];
$city=$_POST["city"];
$state=$_POST["state"];
$hash = $hasher->HashPassword($password);
$servername = "localhost";
$usernameConn = "root";
$passwordConn = "";
$dbname = "projectmeteor";
// Creating a connection to projectmeteor MySQL database
$conn = new mysqli($servername, $usernameConn, $passwordConn, $dbname);
// Checking if we've successfully connected to the database
if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);
}
$checkUserExistSQL = "SELECT * FROM `users` WHERE Username='$username'";


EXPLORER
README.md
userDashboardAccountSettings.php
Tourism-Management-System-main > travel > userDashboardAccountSettings.php
TOURISM-MANAGEME...
Tourism-Management-System-main
travel
generateTicket.php
generateTrainTicket.php
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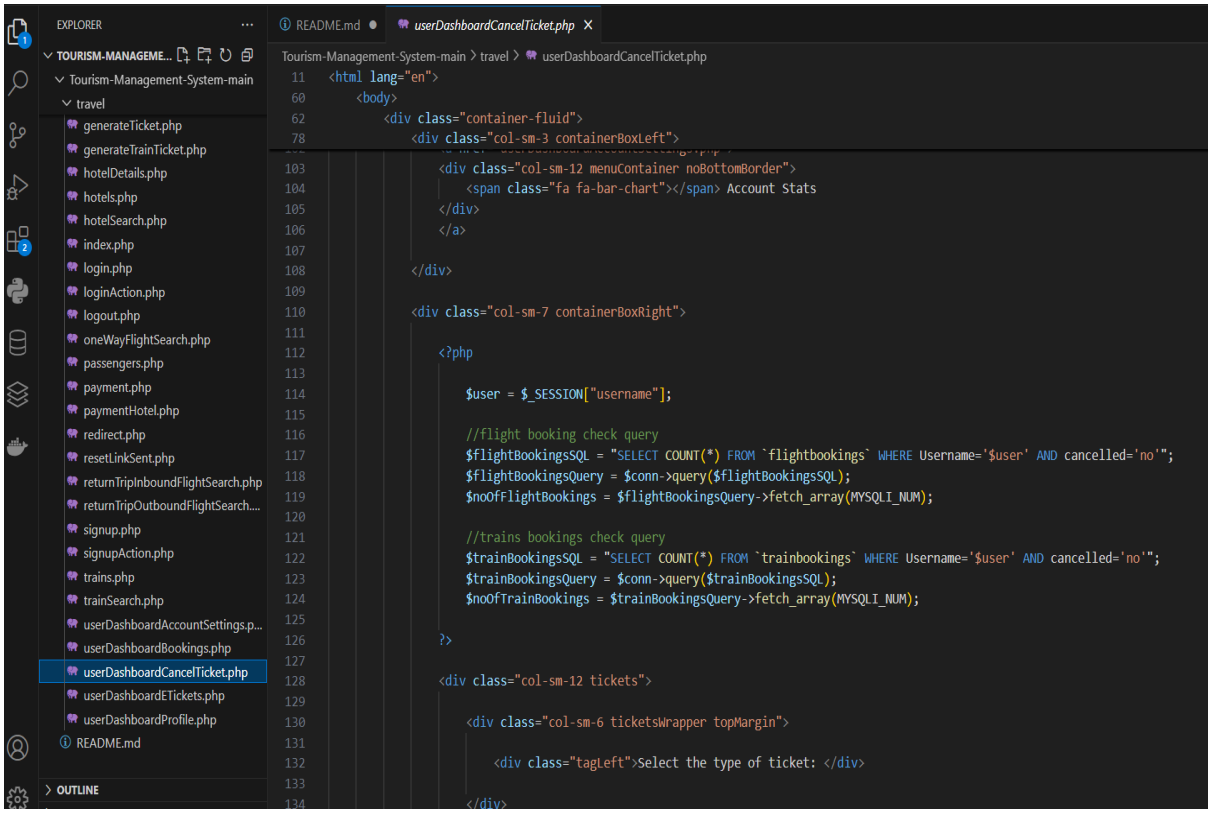
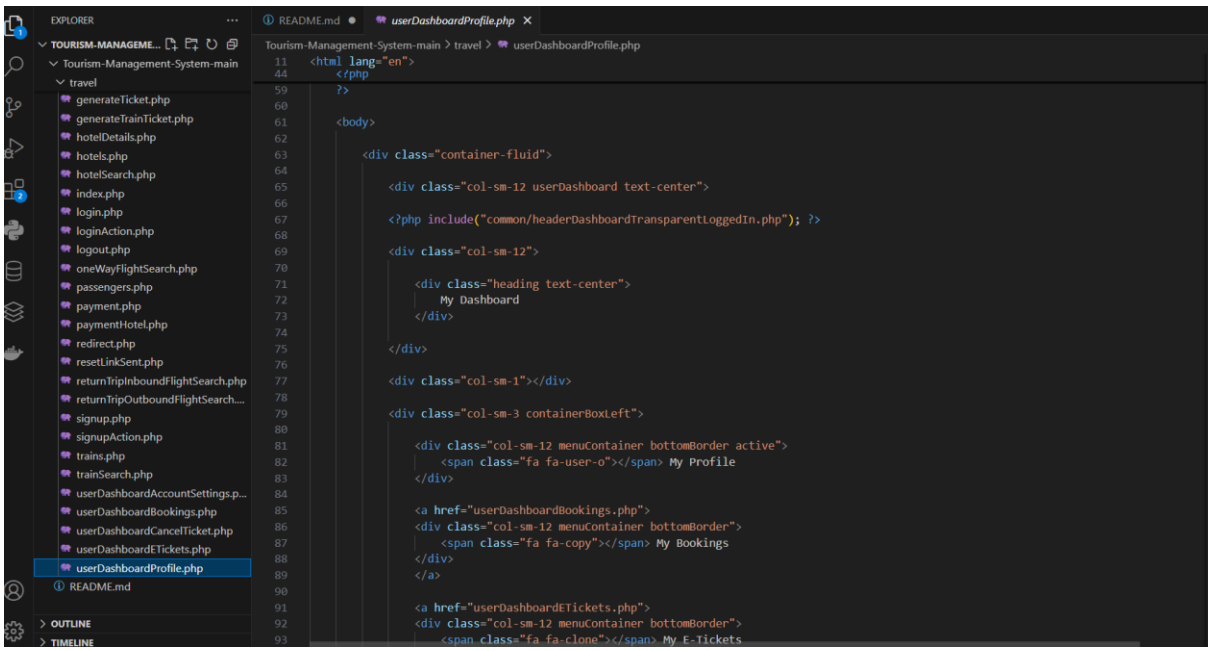
hotels.php
hotelSearch.php
index.php
login.php
loginAction.php
logout.php
oneWayFlightSearch.php
passengers.php
payment.php
paymentHotel.php
redirect.php
resetLinkSent.php
returnTripInboundFlightSearch.php
returnTripOutboundFlightSearch....
signup.php
signupAction.php
trains.php
trainSearch.php
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
11 <html lang="en">
38 </head>
39
40 <!-- HEAD TAG ENDS -->
41
42 <!-- BODY TAG STARTS -->
43
44 <?php
45
46 $servername = "localhost";
47 $username = "root";
48 $password = "";
49 $dbname = "projectmeteor";
50
51 // Creating a connection to MySQL database
52 $conn = new mysqli($servername, $username, $password, $dbname);
53
54 // Checking if successfully connected to the database
55 if ($conn->connect_error) {
56 die("Connection failed: " . $conn->connect_error);
57 }
58
59 ?>
60
61 <body>
62
63 
64
65 
66
67 <?php include("common/headerDashboardTransparentLoggedIn.php"); ?>
68
69 
70
71 


EXPLORER
README.md
userDashboardCancelTicket.php
Tourism-Management-System-main > travel > userDashboardCancelTicket.php
TOURISM-MANAGEME...
Tourism-Management-System-main
travel
generateTicket.php
generateTrainTicket.php
hotelDetails.php
hotels.php
hotelSearch.php
index.php
login.php
loginAction.php
logout.php
oneWayFlightSearch.php
passengers.php
payment.php
paymentHotel.php
redirect.php
resetLinkSent.php
returnTripInboundFlightSearch.php
returnTripOutboundFlightSearch....
signup.php
signupAction.php
trains.php
trainSearch.php
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
11 <html lang="en">
60 <body>
62 
78 
103 
104  Account Stats
105 
106 </a>
107
108 
109
110 
111
112 <?php
113
114 $user = $_SESSION["username"];
115
116 //flight booking check query
117 $flightBookingsSQL = "SELECT COUNT(*) FROM `flightbookings` WHERE Username='$user' AND cancelled='no'";
118 $flightBookingsQuery = $conn->query($flightBookingsSQL);
119 $noOfFlightBookings = $flightBookingsQuery->fetch_array(MYSQLI_NUM);
120
121 //trains bookings check query
122 $trainBookingsSQL = "SELECT COUNT(*) FROM `trainbookings` WHERE Username='$user' AND cancelled='no'";
123 $trainBookingsQuery = $conn->query($trainBookingsSQL);
124 $noOfTrainBookings = $trainBookingsQuery->fetch_array(MYSQLI_NUM);
125
126 ?>
127
128 
129
130 
131
132 Select the type of ticket: 
133
134 


EXPLORER
TOURISM-MANAGEME...
Tourism-Management-System-main
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returnTripInboundFlightSearch.php
returnTripOutboundFlightSearch....
signup.php
signupAction.php
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trainSearch.php
userDashboardAccountSettings.p...
userDashboardBookings.php
userDashboardCancelTicket.php
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
TIMELINE
README.md
userDashboardProfile.php
Tourism-Management-System-main > travel > userDashboardProfile.php
<html lang="en">
<?php
?>
<body>

<?php include("common/headerDashboardTransparentLoggedIn.php"); ?>

My Dashboard

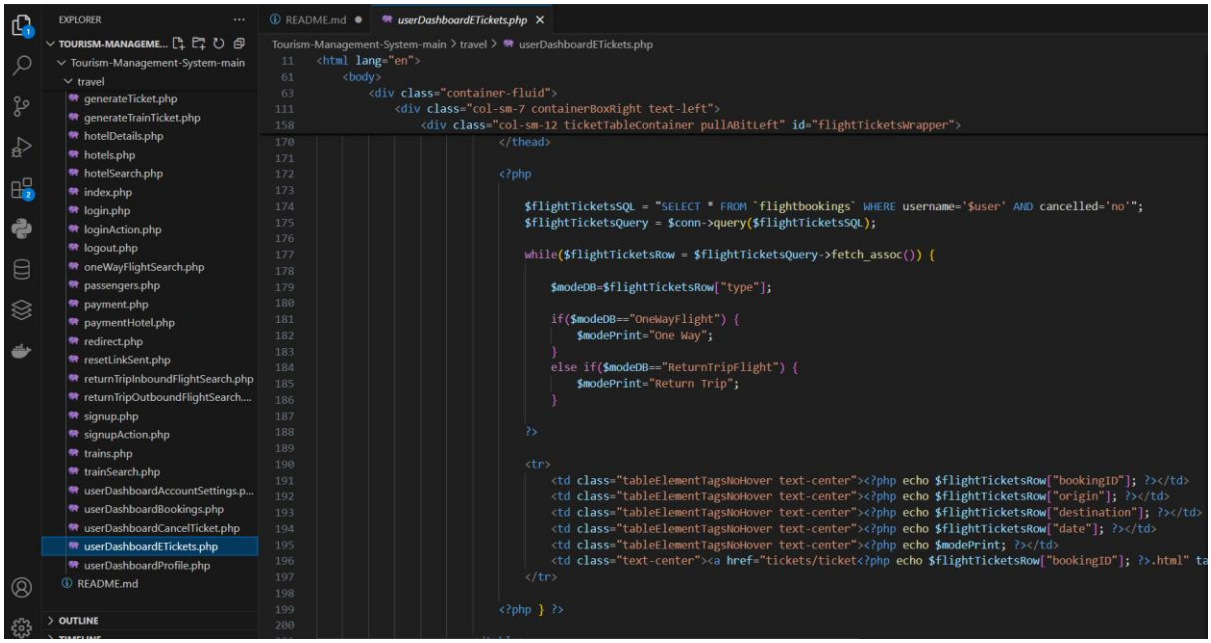
 My Profile

<a href="userDashboardBookings.php">

 My Bookings

</a>
<a href="userDashboardETickets.php">

 My E-Tickets


EXPLORER
TOURISM-MANAGEME...
Tourism-Management-System-main
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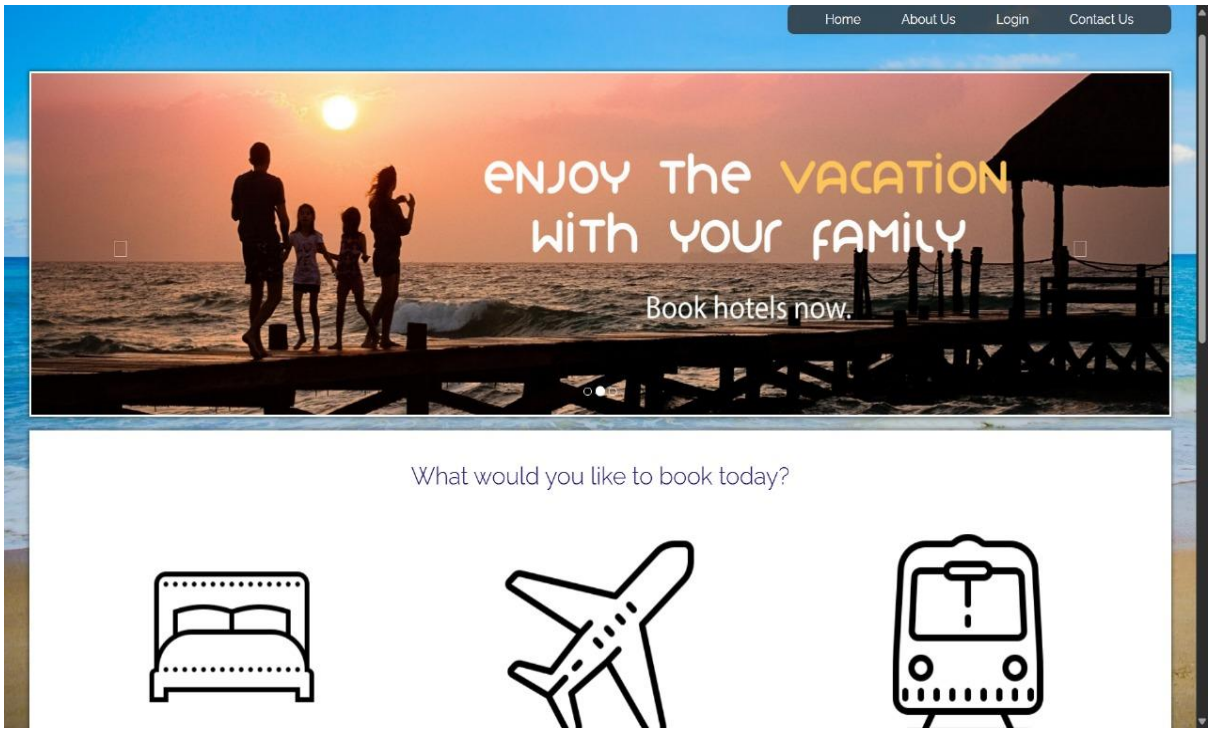
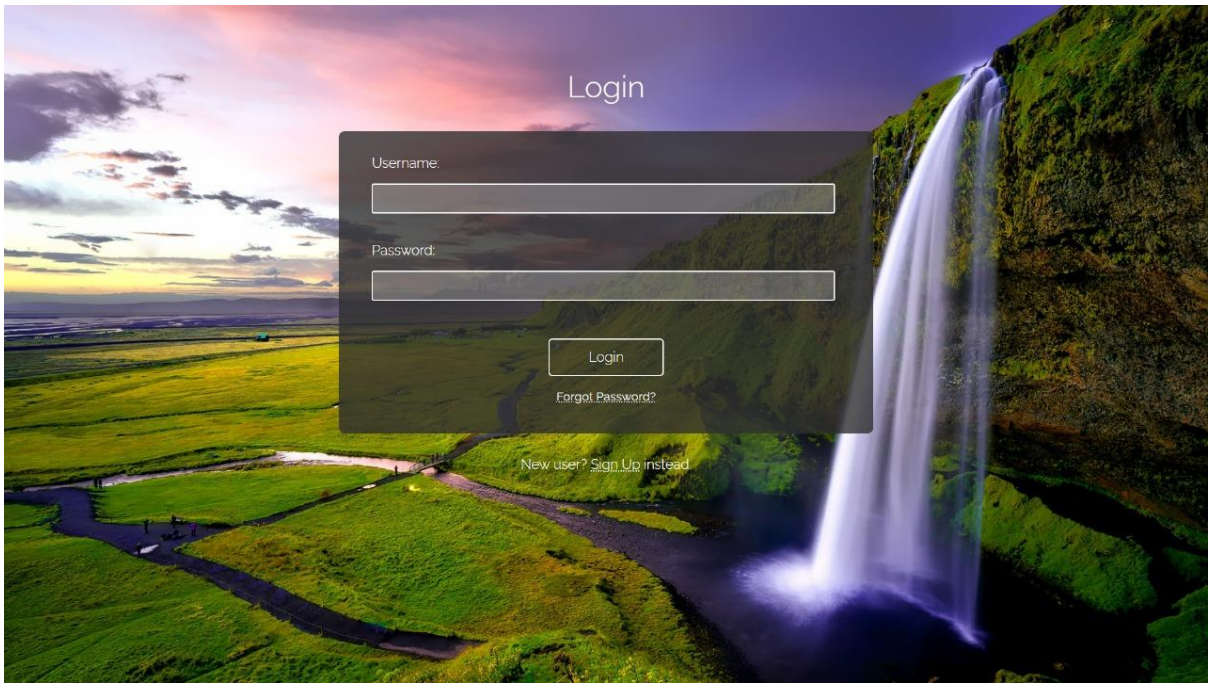
userDashboardETickets.php
userDashboardProfile.php
README.md
OUTLINE
README.md
userDashboardETickets.php
Tourism-Management-System-main > travel > userDashboardETickets.php
<html lang="en">
<body>

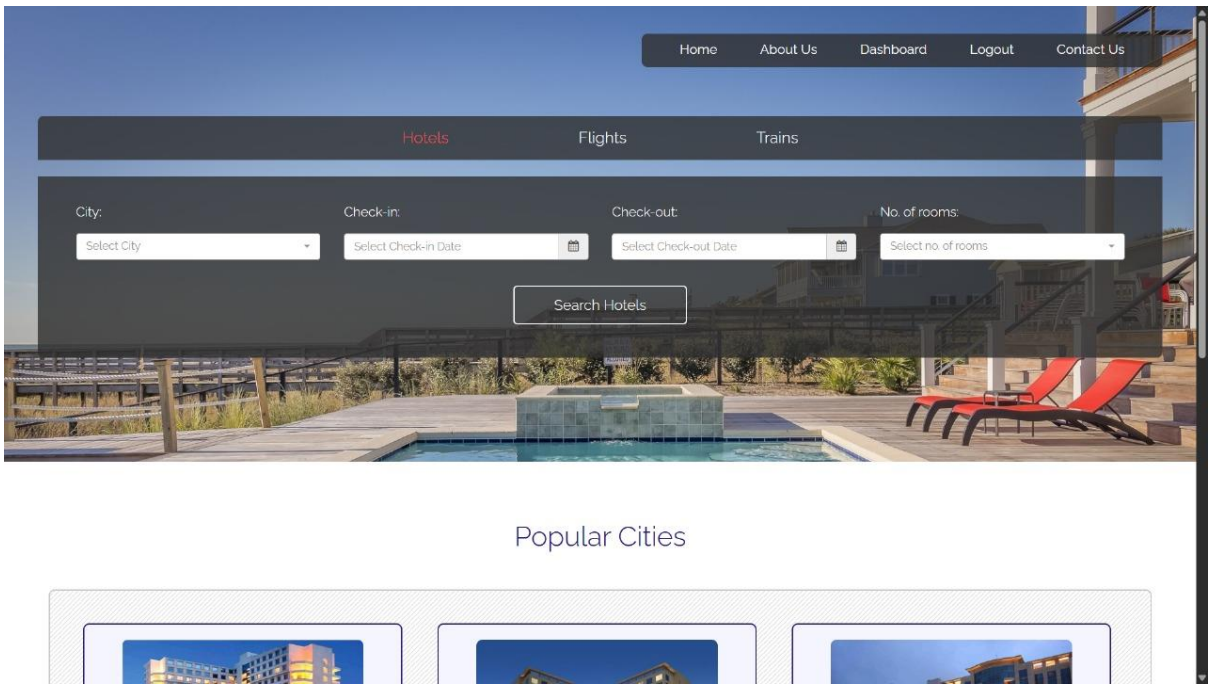
</thead>
<?php
$flightTicketsSQL = "SELECT * FROM `flightbookings` WHERE username='$user' AND cancelled='no'";
$flightTicketsQuery = $conn->query($flightTicketsSQL);
while($flightTicketsRow = $flightTicketsQuery->fetch_assoc()) {
$modeDB=$flightTicketsRow["type"];
if($modeDB=="OneWayFlight") {
$modePrint="One Way";
}
else if($modeDB=="ReturnTripFlight") {
$modePrint="Return Trip";
}
?>
<tr>
<td class="tableElementTagsNoHover text-center"><?php echo $flightTicketsRow["bookingID"]; ?></td>
<td class="tableElementTagsNoHover text-center"><?php echo $flightTicketsRow["origin"]; ?></td>
<td class="tableElementTagsNoHover text-center"><?php echo $flightTicketsRow["destination"]; ?></td>
<td class="tableElementTagsNoHover text-center"><?php echo $flightTicketsRow["date"]; ?></td>
<td class="tableElementTagsNoHover text-center"><?php echo $modePrint; ?></td>
<td class="text-center"><a href="tickets/ticket<?php echo $flightTicketsRow["bookingID"]; ?>.html" ta
</tr>
<?php } ?>

# CODING:

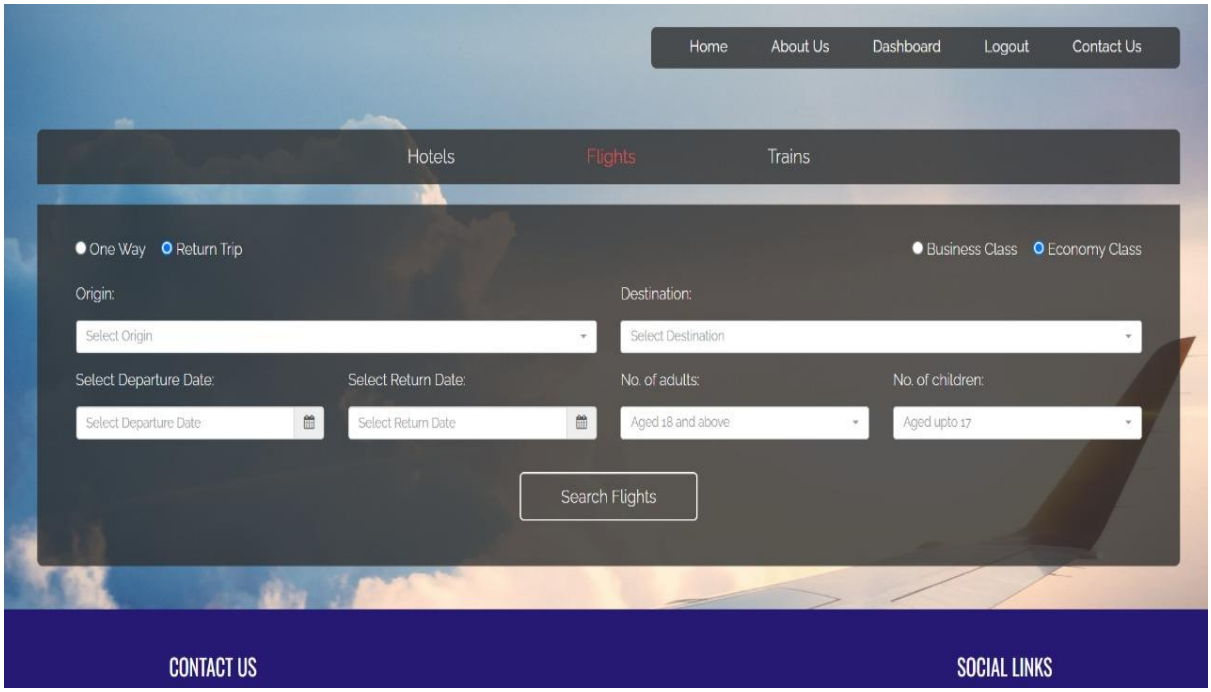
# OUTPUT:

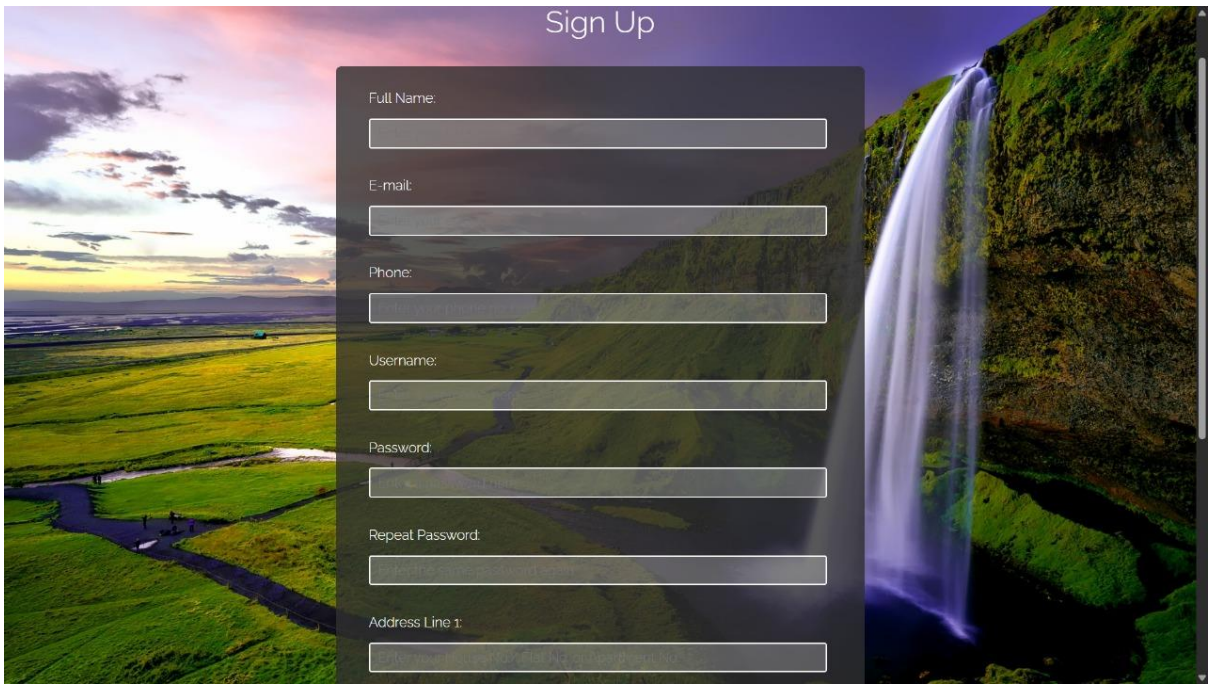


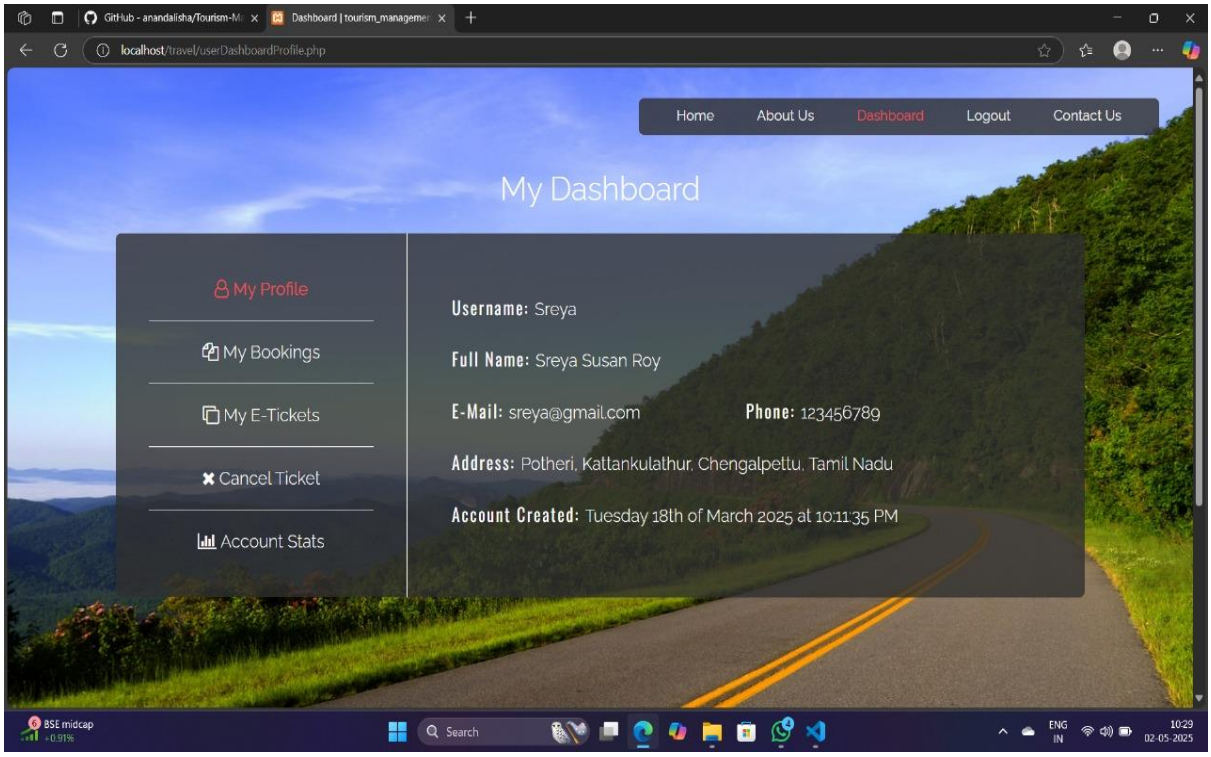



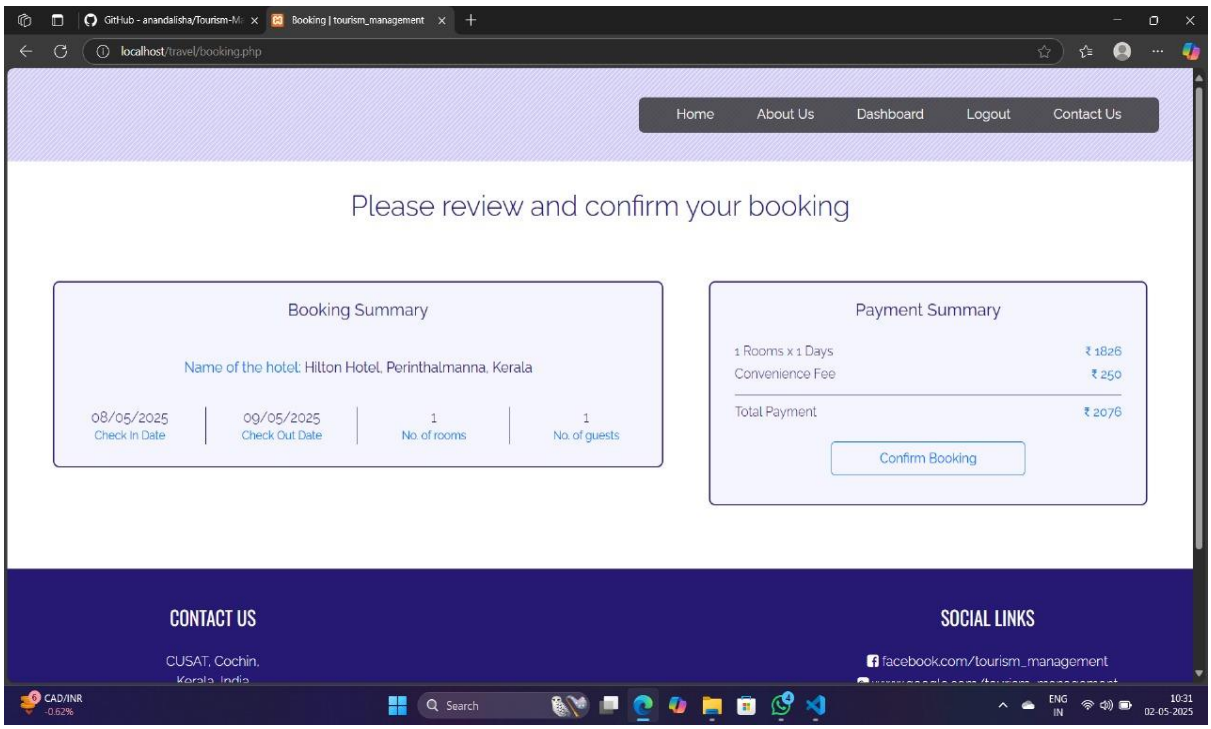


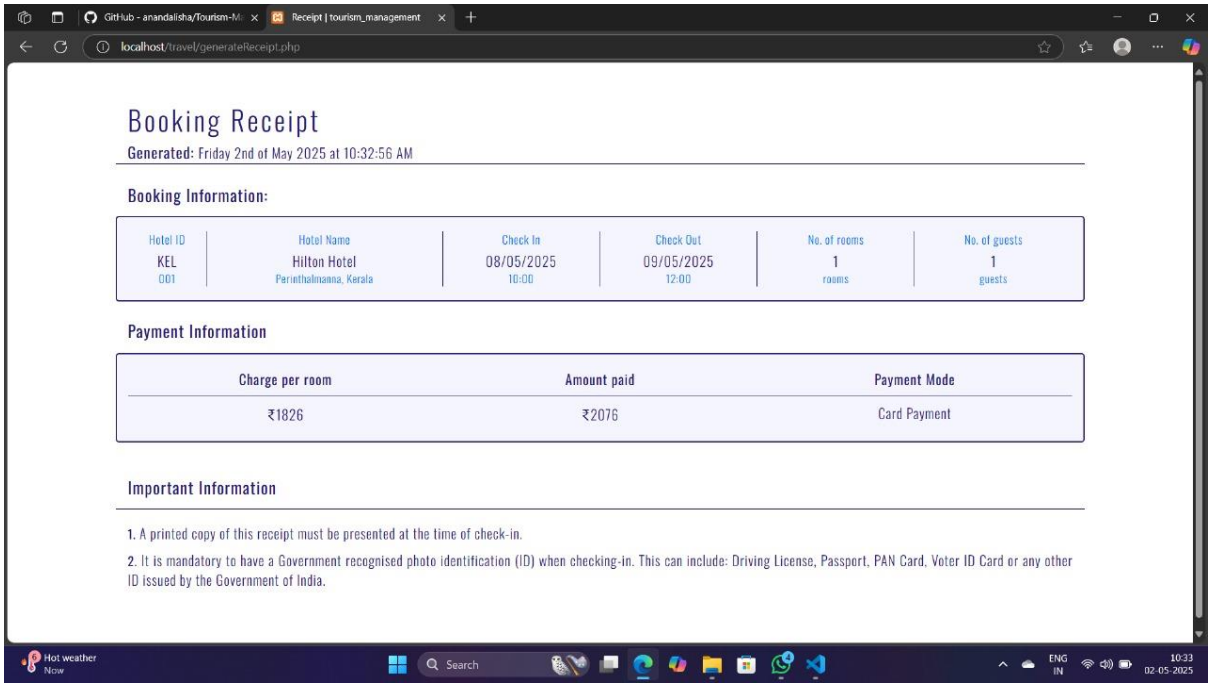

Popular Cities




Sign Up
Full Name:
E-mail:
Phone:
Username:
Password:
Repeat Password:
Address Line 1:


localhost/travel/userDashboardProfile.php
Home
About Us
Dashboard
Logout
Contact Us
My Dashboard
My Profile
My Bookings
My E-Tickets
Cancel Ticket
Account Stats
Username: Sreya
Full Name: Sreya Susan Roy
E-Mail: sreya@gmail.com
Phone: 123456789
Address: Potheri, Kattankulathur, Chengalpettu, Tamil Nadu
Account Created: Tuesday 18th of March 2025 at 10:11:35 PM


Booking | tourism_management
localhost/travel/booking.php
Home
About Us
Dashboard
Logout
Contact Us
Please review and confirm your booking
Booking Summary
Name of the hotel: Hilton Hotel, Perinthalmanna, Kerala
08/05/2025
Check In Date
09/05/2025
Check Out Date
1
No. of rooms
1
No. of guests
Payment Summary
1 Rooms x 1 Days
₹ 1826
Convenience Fee
₹ 250
Total Payment
₹ 2076
Confirm Booking
CONTACT US
CUSAT, Cochin,
SOCIAL LINKS
facebook.com/tourism_management


Receipt | tourism_management
localhost/travel/generateReceipt.php
Booking Receipt
Generated: Friday 2nd of May 2025 at 10:32:56 AM
Booking Information:
Hotel ID
KEL 001
Hotel Name
Hilton Hotel
Perinthalmanna, Kerala
Check In
08/05/2025
10:00
Check Out
09/05/2025
12:00
No. of rooms
1
rooms
No. of guests
1
guests
Payment Information
Charge per room
₹1826
Amount paid
₹2076
Payment Mode
Card Payment
Important Information
1. A printed copy of this receipt must be presented at the time of check-in.
2. It is mandatory to have a Government recognised photo identification (ID) when checking-in. This can include: Driving License, Passport, PAN Card, Voter ID Card or any other ID issued by the Government of India.