

ENTERPRISE PROGRAMMING

Project : Travel & Tourism Management System

A Travel & Tourism Management System is a software platform designed to facilitate the planning, booking, and management of travel packages, tours, and related services. The system caters to both customers and administrators, offering tools to manage bookings, payments, and customer interactions. It supports various types of travel experiences, from single trips to multi-destination tours.

TABLES:

Users Table

- **Purpose:** This table stores information about the users of the system, including administrators and customers.
- **Columns:**
 - user_id (Primary Key): Unique identifier for each user.
 - username: Username for the user.
 - password: Password for the user account.
 - email: Email address of the user.
 - role: Role of the user (e.g., Admin, Customer).

Bookings Table

- **Purpose:** This table stores information about bookings made by users for different travel packages.
- **Columns:**
 - booking_id (Primary Key): Unique identifier for each booking.
 - user_id (Foreign Key): References the Users table to indicate which user made the booking.
 - package_id (Foreign Key): References the Packages table to specify the travel package booked.
 - booking_date: Date when the booking was made.
 - travel_date: Date when the travel is scheduled.
 - status: Status of the booking (e.g., Pending, Confirmed, Cancelled).
 - created_at: Timestamp when the booking was created.

Payments Table

- **Purpose:** This table stores information about payments made for bookings.
- **Columns:**
 - payment_id (Primary Key): Unique identifier for each payment.
 - booking_id (Foreign Key): References the Bookings table to indicate which booking the payment is for.
 - amount: Amount paid.
 - payment_date: Date when the payment was made.
 - payment_method: Method of payment (e.g., Credit Card, PayPal).
 - payment_status: Status of the payment (e.g., Completed, Pending).

Project Workflow

