Advanced Database Systems – Project Description

Group – 7

CRN: 21567   **Khomsun Singhirunnusorn (Dr. Sing)**

Anirudh Reddy Gannu   700759117

Meghana Reddy Pothula   700757731

Sravya Mendem   700765926

Anish Koppula   700759641

Introduction:

This project focuses on developing an **Airline Reservation System** with the goal of enhancing the efficiency and user-friendliness of the reservation process. The system's main purpose is to simplify the airline flight and passenger details management process for customers while providing comprehensive administrative tools for managing flight details.

Project Objectives:
The primary project objectives for the Airline Reservation System are:

1. **Simple User Registration**
   a. This project includes Registration of users into the website. Users can give their details and register into website and use the same details to login again into website.
   b. This project should be able to register the Admin users, already existing admin can add them into admin users database

2. **Adding New Flights For booking**
   a. This project will include the flexibility of adding or removing the flight to be available for the users for booking.
   b. We will include the flight timings and capacity and price details also. All these details can only be editable by the admin users. Admin users can only have privileges to add or delete the flight details.

3. **Ticket Booking and Cancellations**
   a. This project gives users the chance to book flights their need. They can give the source and destination and date of travel and they will be given the option of flights available.
   b. users can also cancel the booked tickets. Users will have the privilege to cancel their tickets only before certain time of their ticket booking.

4. **Removing users from the website**
   a. This website will provide the users to cancel their registration from the website
   b. This project will also gives the admin the privilege to cancel any users registration from the website
   c. Admin can also remove admin privileges for any other admin users and remove their details from the website

Conclusion:

The primary goal of the Airline Management System Project is to develop a highly user-friendly application tailored for efficient flight booking management. This application will empower users to effortlessly handle their flight bookings, while granting administrators exclusive privileges to cancel, update, or add new flights for booking purposes, alongside managing registered users.

The system will intricately store flight details, user bookings, and user information in a database, ensuring seamless data retrieval and application updates.