

Exp-10

Mini Web Application

Abstract:-

This is an **Airline Ticket Reservation System Project** that was developed using **PHP/MySQLi**. This ticket reservation system of an airline company serves as the **online platform** for the **Passengers/Customers** for booking or reserve their tickets. With the help of this system, the passengers can reserve their flights easily and faster wherever they are. This will help also the Airlines Company to ease the manual system flow and makes their work/process more effective and efficient. The system has 2 types of users which are the Admin and the Customer. The Admin user is in charge of managing the data of the system such as the list of jets, prices, and flight schedules. For the customer, they can simply register to create an account to the system and search if there's an available/scheduled flight for their desired destination and date. After they select their desired flight the system will provide a form to register the details of the passengers and proceeds to payment afterward. The customer can also print/re-print their tickets in the system.

Booking Airline Tickets

This whole passenger side of thing works from the client-side. For booking a flight ticket, the passenger has to select any of the available results. After, the system asks for the passenger's details such as name, contact, email, and date of birth. The final step of booking an airline ticket includes payment where he/she has to enter card information. And after a successful transaction, the user can view his/her tickets from the tickets section. All the tickets are automatically generated by the system after bookings. In fact, the ticket contains all the flight information such as names of airlines, locations, boarding time, seat, gate number, etc

Admin Panel

An administrator has full control over the system. He/she can manage flights, cities, and so on. Here, each and every section has its own respective details such as name, and other important details. Here, an admin can list out a number of booking records processed by the passengers. Regarding reservations, an admin can view each and every detail such as name, amount, destination, airlines, etc. Here, the administrator can view overall records of total passengers, amount, flights, and airlines. And not just it but also the record of today's flight, departed-arrived flights, and flight issues. In terms of flight management, the admin has to manage flights of the current date and time. Speaking of flight management, the admin has to make sure to mark flights as departed and mark as arrival looking at their status.

Targeted Users:-

1. Admin
2. passengers
3. All the citizens who prefer to travel through airlines
4. Business man
5. Job people
6. Celebrities

Forms:-

typically users will use to input/interact with web application would be of submitting the required information data

Forms used would be of submit type

This forms consists of information such as:-

- Signup
- Login
- Book Ticket
- Print Ticket
- Check PNR

Reports expected by users from web application:-

Admin

- List Flights
- Arrange Flights
- Add Flights
- Schedule Flights
- Check Booked Tickets

Customer/Passenger

- Signup
- Login
- Book Ticket
- Print Ticket
- Check PNR