

AIRLINE RESERVATION SYSTEM

Story: The story is about the description and basic flow of Airline Reservation System.

Airline reservation system is a computerized system used to store and retrieve information about flights, schedule and their availability and conduct booking the tickets to the customers. The main purpose of this software is to reduce the manual errors involved in airline reservation process and make it convenient for the customers to book the flights as and when required such that they can utilize this software to make and display reservation.

This software has two parts. First is the administrator part and the other is user part. User part is used as a front end and administrator part is the back end. The administrator add flights, display flight information and schedule, search flights, add customer and book the ticket, display customer, search customer.

The system first displays the welcome message and takes the admin name and password. If they are correct then the system displays login successful and enter into menu function. Otherwise it displays a error message. In menu function it displays various options such as customers, flights, book the ticket and exit.

When admin choose customers, then he/she will get a menu displaying add customer details, display customer details, search customer details and back to main menu.

When admin choose flights, then the system displays choices like add flights, display flight details such as flight no., name, schedule date, total number of seats etc, search flight details and back to main menu.

To add flight details, admin enters the flight number, flight name, source city, destination city, total number of seats.

To add customer and book the ticket the system asks the customer to enter the details such as customer id, name, age, travel date, number of seats, source city and destination city. Then it validates every entry if they are not correct it will ask the customer to enter details. If the details are correct then admin search for flights that are available between the two travel cities, namely as "Destination city" and "Source city" . Then the system checks for the availability of seats on the flight. If the seats are available then the system allows the admin to book a seat and store in the customer and flight database. If the flights are not available then it will display error message.

When admin choose exit then the process will be finished.