

ABSTRACT

Volare Airways is a computerized system used to store and retrieve information and conduct transactions related to air travel. The project is aimed at exposing the relevance and importance of Airline Reservation Systems. It is projected towards enhancing the relationship between customers and airline company through the use of Airline Reservation Systems and thereby making it convenient for the customers to book the flights as when they require such that they can utilize this software to make reservations.

This software has three parts. User part, Administrator part and Operator part. User part is used as a front end and administrator is the back end. Administrator is used by airline authority. It will allow the customers to access database and allow new customers to sign up for online access. The system allows the airline passenger to search for flights that are available between the two travel cities, namely the “Departure city” and “Arrival city” for a particular departure and arrival dates. The system displays all the flight’s details such as flight name, price and destinations. After search, the system display list of available flights and amount for one seat. Customer can choose a particular flight and can book a seat. If seats are not available, customers can book another available flight.

Users can search available flights through the website. For that he don’t want to create an account. After searching if he want to book a flight ticket, he should create an account and then he want to login to his account. Then he can select flight type. After that he should select type of trip(one-way, round trip or multicity). To book a flight the system asks the customer to enter his details such as name, Date Of Birth, Gender, Phone number and type of flight. The system also allows the customer to cancel his/her reservation, if any problem occurs. There should be special offers available to customers (such as discounts, nightmare charges etc..). After booking flight user can go to payment section. Users can request for flight status by entering PNR number.

Admin can schedule flights and amount for each seat. He can add special offers to users. He can also place notice to users. He can update and delete added details. He can view all the booking and payment details. He have the history of all flight schedules and bookings.

Operator can insert and update flight status details by login to his account using his username and password. For that he should first register his account.

The main purpose of this software is to reduce the manual errors involved in the airline reservation process and make it convenient for the customers to book the flights as when they require such that they can utilize this software to make reservations, modify reservations or cancel a particular reservation.