ABSTRACT

EVA 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.

The system help users to easily search for domestic flights that are available between the two travel cities for a particular date. After searching, passenger can book tickets for available flights by login to his account. There are mainly two types of trips available for booking. one-way trip and round trip. There are also two types of class available for booking tickets. They are business class and economic class. User can select the type of trip and type of class for which he need to book tickets .User can also select add-on services and additional weight he need to carry during the time of booking his tickets. Any registered user can book tickets for his friends or for family. A registered user can book ticket for the whole family if seats are available at a single login. Passenger can also book tickets for packages available on different seasons. User can view all his bookings in my bookings page. Once user completed his booking, he can go for payment. After payment, the booking id of passenger is notified to passenger through email or mobile SMS. Admin has the overall control of the system. He can add flight name, schedule flights and amount for each trip. 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. The main purpose of this software is to reduce the manual errors and make it convenient for the customers to book the flights as when they require such that they can utilize this software to make bookings and cancel bookings.

System Modules

1. Admin Module

• Add airports, flight schedules, flight rates, packages, notice.

• View passenger bookings, feedbacks and registered users.

• Edit flight schedules, flight rates, package rates, add-on services amount.

• Delete packages and available flights.

    2.   Customer Module

• Search and book flights available.

• View his bookings.

• View and book packages.

• Cancel bookings.

• Profile Management.

    3.   Payment Module

• Give feedback.

• Generation of bill.

• View Payment details

Features

- This system is defined to meets all the disadvantages of the existing system. It is necessary to have a system that is more user friendly and user attractive for business growth. In our proposed system there are two users. Admin and Passenger.
- Admin can view and manage all flight schedules. He can also view flight bookings, registered users and feedbacks of users.
- Passengers can search and book available tickets. He can also book add-on services, window seats and additional weight he need to carry while travelling at the same time when he book flight tickets.
- A registered user can book any number of tickets at a time.
- Registered user can select add-on services, additional weight and window seat if needed at the same time when he enter his personal details.

Add-On Services

1. Wheelchair

Provides wheelchair for people who find it tough to move.

2. Assistant

Special assistance to pregnant women,elderly people and disabled passengers.

3. Food

Passengers can buy extra foods from the flights.