SYNOPSIS

PROJECT ON:

AIRLINE RESERVATION SYSTEM.

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OBJECTIVE / AIM:

The main objective of the Airlines Reservation System is to manage the details of Airlines Ticket,Flights,Customer,Booking Counter,Venders. It manages all the information about Airlines Ticket,bookings,Venders,Airlines Tickets. The project is totally built at administrative end and thus only the administrator is
 guaranteed the access. The purpose of the project os to build an application program to reduce the manual work for managing the Airlines Ticket,Flights,Bookings,Customer. It tracks all the deatails about the Customer,Booking Counter,Venders.

ABSTRACT:

Airline Reservation System contains the details about flight schedules and its fare tariffs,passenger reservation and ticket records. An airline's inventory contains all flights with their available seats. The inventory of an airline service is generally divided into three category of classes(e.g. First,Business or Economy class) and each category is having seats up to 26 bookings, along with prices and booking conditions.Inventory data is imported and maintained through a Schedule Distribution System over standardized interfaces.One of the core functions of the

inventory management of airline reservations is the inventory control.Inventory control steers how many seats are available for the different booking classes, by opening and closing individual booking classes for sale. In combination with the fares and booking conditions stored in the Fare Quote System the price for each sold seat is determined.

IDENTIFICATION OF MODULE:

1. Registration Module.
2. Administrative Module.
3. Passenger Module.
4. Check Flight Module.
5. Book Ticket Module.
6. Payment Module.
7. Cancellation Module.

REGISTRATION MODULE:

In registration module first we ask passenger to give his details. After registering with us the passenger can login to his/her own accoount and can view all flight details such as Timings, Prices, Availability of seats and can book the ticket with unique ticket id. Once Passenger registered with us can book any number of tickets.

ADMINISTRATIVE MODULE:

Administrative module is provided for the sake of administrators to manage the site and update the content at regular intervals, The major operations included in this module are:

- ➢ Create and maintain airline schedule, fare and timings of the flight.
- ➢ View the passenger list.
- ➢ View the available seats in the flights.
- ➢ Cancel the tickets.
- ➢ Updating the flight schedule and timings and fare.

PASSENGER MODULE:

This module is meant for passengers, where a user logging into his/her owns account will view this panel.

The major operations included in this module were

- ➢ View all airline schedule,timings,fare details and seats availability.
- ➢ Book for the tickets.
- ➢ View and cancelling of the ticket.
- ➢ Send feedback.

CHECK FLIGHT MODULE:

- ➢ The web administration will show any coordinating records in view of the hunt criteria entered.

➤ The web administration will inform the traveler about the flight accessibility.

➤ If the looked flights are accessible, at that point web adminisration will show flights which are inside a week. Otherwise, the web administration will incite to ask the client to re-enter new seeking criteria.

BOOK TICKET MODULE:

➤ From the check flight, the traveler is required to sign in and the web administration will invite the traveler to affirm the flights.

The web administration will then request that the traveler whether refresh his profile subtle elements or not. Subsequently, the traveler will be made a request to buy and affirm the chiose flights.

PAYMENT MODULE:

➤ After book ticket, the web adminstration will create installment ID upon fruitful exchange is made. Once it has been affirmed, the web administration will create booking id to the traveler and require the traveler to see the installment receipt.

CANCELLATION MODULE:

- ➢ The traveler is required to be signed in before he has benefit to scratch off his affirmed tickets.
- ➢ The traveler will choose which ticket to be scratched off in the booking history. Once the affirmed ticket had been chosen then the web administration will erase the information off from the database.

SOFTWARE REQUIREMENTS ARE:

- ▪ Java
- ▪ Html
- ▪ CSS
- ▪ Mysql
- ▪ Hibernate

ADVANTAGES :

- ➢ Search for Airline Flights between two destinations.
- ➢ Displays a detailed list of available flights and make a "Reservation" or Book a ticket on a particular flight.
- ➢ Cancle an existing reservation.
- ➢ Records complete history and able to retrive old booking.
- ➢ User registration and profile management.

DISADVANTAGES :

- ➢ You need Internet access.
- ➢ You need to be ready for an influx of new customers.
- ➢ Not all online booking system are created equal.
- ➢ Avoid booking systems that don't bring you new quality customers.

CONCLUSION:

➢ It is most helpful for passenger and improve the internet technology of ticket reservation.
➢ Provide better and easier facility to user.
➢ It is Increasing the passenger satisfaction.
➢ It is more focused on emergency business tour.

THANK YOU