

SYNOPSIS

1. Title of the project:

ONLINE AIRTICKET RESERVATION SYSTEM

2. Objective of the project:

Online Air Ticketing is a kind of user assistance where customers can book tickets for planes for flight online. This is an easy method which saves a lot of time.

The main objective of this software is to:

The main purpose for preparing this document is to give a general insight into the analysis and requirements of the existing system or situation and for determining the operating characteristics of the online system and Booking of Flight Tickets Online to make easy than the existing, method of booking through indirect or booking at Ticket Centers or Counters.

The Airline Reservation system is developed to fulfill the client's requirements which are given below:

1. This application must be user-friendly and easy to use.
2. Customer can check the timings of flights which travel between two places on a specified date and their availability through online at anytime and anywhere, by using this application.

3. A customer should get a chance of take a trip of continuous travel in which flights are changed frequently by using this web application.

4. The basic concepts of airline ticket reservation should be maintained by this web application.

5. When a specific flight gets delayed due to technical problems this application should send mobile alerts to the travelers, which helps the travelers in reservation of tickets.

Proposed system

- When the flight is delayed this system will send mobile alerts to travelers.
- The flight details will be encrypted using SHA1 algorithm.
- In registration of new customers, Captcha technique is implemented.

Modules

- Flight Searching
- Flight Booking
- Flight Cancellation
- Trip Deals, Special discounts
- Sending Mobile alerts to the travelers

3. Project category:

The Project category is Web based developed in ASP.NET with MS Access database. Language used is VB.NET.

4. Language and software tool used:

- Front End : VB.NET
- Operating System : Window 7
- Back End : MS Access

5. Hardware requirement:

- Operating system: Window 7
- Hard disks: 40GB
- RAM: 256 MB

6. Software requirement:

- VB.Net
- .Net Framework
- MS Access