DAMG 6210

Project Group 12

Project Name : Streamlining Air Travel – A flight booking System

**Background**

Booking flights now a days is a simple task, but airlines need a robust system to store all these records and maintain them. With changes in technology and with the addition of internet there has been a shift in how these records are managed and recorded. This also allowed the automation of booking and made the process easier and reliable and provided more flexibility for the user.

**Objectives**

a. Maintaining and storing the records securely and being transparent to the user.

b. Making sure that the records are easily retrievable and accessible.

c. Making sure that the data is non-redundant, and it does not lose its integrity during different transactions.

d. Reducing errors which might affect the data stored in the system.

e. Making sure that the access to the data is only for the authorized users to maintain security.

f. Reducing redundancy by maintaining a central database and storing the information only once.

g. Making sure that the amount of paperwork required is minimum to avoid complications.

**Purpose**

This project's purpose is to make flight reservations easier for the user by providing them customization to enhance their experience. Flight booking systems can be integrated with other travel services such as hotels, car rentals so that the users need not move to other platforms, and they can plan everything in a single place. This system also helps the users in finding real-time information about the flight schedules, availability and prices.