FLIGHT BOOKING SYSTEM

Background:

In today's world, the flight reservation process is a complex business. Airlines need to constantly process bookings from expectant passengers, they need a means of keeping on top of everything. This process of keeping records has changed a lot over the years, as technological advances such as the advent of computers have allowed airlines to move away from manual systems.

Objectives:

a. Keeping track and maintaining booking records efficiently and safely.
b. Booking details should be easily recoverable and retrievable in the database.
c. Loss of data will be avoided and data integrity will be maintained, eliminating data corruption chances.
d. Reducing data entry errors that affect the information which will be recorded in the system.
e. The automated flight booking system will allow only authorized users to access the information.
f. Reduce redundancy by maintaining a centralized database and storing information only once.
g. Minimizes paperwork.

Purpose:

The primary goal of this project is to provide users with a simple means of searching for and booking flights by minimizing paperwork. This database allows users to retrieve information on several flights that are available at various times on a certain date, as well as check their tickets, reservations, and acquire information on ticket costs that can be accessed at any time.It saves all of the data associated with scheduling a flight, a ticket, a source, a destination, and a stopover.
It will maintain a huge scale of data, including a database of more than one flight by storing, organizing, and managing a significant amount of information.