

## Database\_For\_AIRPORT\_SYSTEM

### **PROPOSAL:**

Airport facilities rely on a number of specialized systems in order to facilitate airport-specific processes and I am creating a database as a combination of airlines and airport in which, not only our focus will be on the airline system but primarily my focus will be to create a database for the airport system as well. As Airport system is a database project that primarily deals with the management of the airport, airlines, passengers and employees working for an airport.

*My project would include these main entities:*

Airport: The database system will have the data of all commercial service airports which will include their locations as well.

Airlines: All airlines operating through various countries would have their offices located in all major cities and airports. Every airline will be identified uniquely by an airline code.

Flight: Airlines will serve flights and each flight will also be uniquely identified as flight code as a combination of airlinecode and some number. Flight will have arrivaltime, departuretime, duration. It will be of two types such as non-stop flight and a connecting flight.

Passenger: Flight will serve passengers and each passenger will be uniquely identified by passengerid and passport number. Each passenger will have details as name, address, age, sex, phone.

Ticket: Each passenger will have a ticket which will be uniquely identified as combination of airline code, form number and serial number that will confirm the passenger's reservation. It will include passenger's name, airline name, ticket number, source, destination, date, seat number, class.