



Sabur Khan & Christopher Terni

Airline ER Diagram

Description:

The database will represent various airports, identifying the Airport ID, name, and where it is located. The database is intended to store important information for a client about airports such as their terminals, gates,, flights, and their relationships with each other.

The database also will hold information about flights and their relationship with airports and various entities. The airline that hosts the flight, the seats offered per flight and what airline it is sold by. What airplane is making the flight, what gate the flight boards and arrives at along with the associated airport.

The complete database will store information that would be of use to individual airport management, airlines, crew members, flight customers and various other parties.

Features / Capabilities:

Will be able to show available information regarding flights like, ID's/codes, timings, and the specific airline for a flight.

Information/reservation will feature information like their name, flight number, location, and seat reservation.

Business Rules:

- An airport must contain at least one terminal and gate.
- One flight must load or unload at only one gate.
- Each airline may host multiple flights at a time.