

Airline Management System

DataBase Flow

The Create.sql file contains the queries that create Entities having various columns with appropriate data types.

The Function.SQL files contain table level constraints and functions that are used for creating a calculated column.

The Insert.Sql files contain the insert queries that contain the data to be inserted into the particular table.

The parent tables include

- The Airport Table
- The Airline Company Table
- The User Table
- The Hotel Table

The following are the dependent tables

Airline_Company

Depending table: Airplane Table

Airplane Table

Depending tables: Base Fare Table, Seat Table, Access Table

Airport Table

Depending tables: Access Table, Restaurant Table, Parking Table

Access Table

Depending tables: Air Schedule Table,

Seat Table

Depending tables: Passenger Itinerary Table

Passenger Table

Depending Table: Passenger Table

Passenger Itinerary Table

Depending Table: Booking Table, Air Schedule

User Table

Depending Tables: Room Booking Table, Passenger Table

Hotel Table

Depending Table: Room Availability Table

Room Availability table

Depending Table: Room Booking Table