

CSE 3330 – Database Systems, Fall 2016

Instructor: Medhat Saleh

Due Date: October Monday 28th, 2016, by 11:59pm

Project 3: Description and Deliverables

Create following views on Airline Database. Given the database (given script file project1.sql), write and run following views for the created database.

This project must be done individually. No copying is allowed.

****Platform**

We *ONLY* use MySQL RDBMS on Omega@UTA.EDU for testing your queries on Airline Database. You need to make sure that your queries are runnable on OMEGA/MYSQL command line.

Instruction to create your database

Create Script [netID.sql]

Create a script with given following queries on your database, say [CSE1010.sql].

Use the comment facility in MySQL (starting a line with --) to write the English version of your query, followed by the SQL version of the query. Also show the expected output in the file. These .sql files should be executed from the MySQL prompt.

Create the following views:

1. Airport_Flights (Airport_Code, City, State, Flight_Number, Departure_Time). List all flight that depart from a particular airport with the times of departure.
2. Airport_Plane_Arrivals(Airport_Code, City, State, Plane_Maker, Plane_Model, Number_Of_Daily_Arrivals). This view counts the number of daily arrivals for any particular airport by plane type.
3. Airport_To_Airport_Capacity (From_Airport, To_airport, SeatClass, AvailableSeats). This view aggregates the total number of seats available on any day between any two airports.

Submission instruction

Submit file electronically.

Add a header on your submitted file submission using following format:

Class: CSE 3330
Semester: Fall 2016
Student Name: your name (Last, First, NETID)
Student ID: your id