CSE 3330 – Database Systems, Fall 2016
Instructor: Medhat Saleh

Due Date: October Sunday 2nd, 2016, by 11:59pm

Project 2: Description and Deliverables

Write and run query on Airline Database. Given the database (given script file project1.sql), wright and run following simple queries 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_myDBqueries.sql]

Create a script with given following queries on your database, say [netID_myDBqueries1.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.

Basic Queries:

1. Retrieve all flight IDs with meals
2. Retrieve the Model and Flying Speed of every Plane Type made by Boeing
3. Retrieve the ID, Make and Model of each plane that has a flying speed or GroundSpeed greater than 100
4. 4. Retrieve the name of every Pilot who had flown an Airbus 380
5. Retrieve the total number of seats available on all planes
6. 6. Retrieve total number of 'F' class seats booked and NOT cancelled after '2015-09-13'

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
Assignment: project #2

Note: submission rule is mandatory and student will loose 5% if does not follow the rule.

Example:

Wright your own query, run , and save the result. Following is an example

```
-- Retrieve all information of PlaneType.

mysql> SELECT *  FROM PlaneType;
+--------+-------+-------------+-------------+
| Maker  | Model | FlyingSpeed | GroundSpeed |
+--------+-------+-------------+-------------+
| Airbus | 340   |         600 |         150 |
| Airbus | 380   |         600 |         150 |
| Boeing | 747   |         600 |         150 |
| Boeing | 777   |         600 |         150 |
| Boeing | 787   |         600 |         150 |
+--------+-------+-------------+-------------+
5 rows in set (0.00 sec)
```