CSE 3330/5330 – Database Systems
Project 1: Description and Deliverables
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Project 1: Creation of Airline Database
In this project, you create a database for the given relations into Relational database management system (RDBMS) by using DDL. We will use MySQL RDBMS on Omega for this project.
Make sure you transform all your constraints into appropriate constraints on the corresponding tables.

1. DDL Script [netID_myDBcreate.sql]

Make a file containing the SQL statements that create your entire database schema, say netID_myDBcreate.sql. This includes the tables with their attributes, constraints, and indexes.
Make sure you create the tables that do not reference any other tables first. Otherwise, if you give a CREATE statement and the referenced entity does not exist, the CREATE will fail.

2. DML Script [netID_myDBinsert.sql]

Make a file containing INSERT statements that populate the tables created in step 1, say netID_myDBInsert.sql. This script will contain SQL commands to fill data in your tables. You should insert about 7-10 rows in each table.

3. DML Update Script [netID_myDBupdate.sql]

Create a script that will update the database through a series of insertions, deletes, and updates. This will allow you to verify the correctness of your queries when the database is updated/changed.

4. Drop script [netID_myDBdrop.sql]

Create a script that will drop all the tables you have created for your project. This will be useful to start from a clean slate after some You should be able to clean everything through this script and re-load the database instance via steps 1 and 2.
Again, make sure you drop tables that are not referenced by other tables first. If you try to drop a table that is being referenced by some other table, the DROP will fail.

Submission
Submit, electronically, all files.
Add a header to each of your submitted files submission using following formate:
-- Class: CSE 3330
-- Semester: Spring 2003
-- Student Name: your name (Last, First)
-- Student ID: your id
-- Assignment: project #1

For the electronic submission purposes, combine all of the required files in a zip file names pr1_lname_fname.zip and submit through BalckBoard.