CSE 581

Project 2

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Your task:

Implement your DB design – all tables, keys and so on to Database **CSE581projects**. Make sure that the data types match the business problem and make sense.

You are allowed to make design modifications, but you are required to submit a document containing a list of modifications with explanations.

Load made up data into your database. Each table should have between 5 – 10 records, with an average of 8 records per table. The data should demonstrate relationships properly, and make sense within the scope of the business problem.

Your deliverables will be:

- (printout of) SQL scripts used to create the objects and to fill in the data (along w/ the list of modifications)
- (upload of) a text file with SELECTS against all of your tables

Requirements:

1. You **shall** create DB tables that will satisfy the business problem as outlined in project 1.
2. You **shall** submit a list of modifications to the original design, with explanations[1].
3. You **shall** load test data into your database.
4. You **shall** submit all of your SQL scripts (table creation, and loading the data in).
5. You **shall** upload a text file that will run SELECTs against all of your tables.
6. You **shall** submit the electronic version to Blackboard.

[1] No more than 1/3 of a page please.

Project 2 Design Changes and Implementation Details:

1. I added few more look up tables: Race, Gender, State, Country, Student type, College, Buildings, Department
2. Changed a few table names to make it easy for understanding like – PersonInfo instead of University crew, Enrollment status instead of just status etc.
3. Used these table IDs in various tables such as foreign keys like Person ID, Course etc.
4. Added table Addresses to represent Address which is used in multiple tables such as University Member, College.
5. Added a few more foreign keys.
6. Added table for Employee and Jobs to represent many to many relationship between Employee and Job
7. Added isFaculty as an attribute in the table JobInformation instead of making it another lookup table and used the datatype BIT.
8. Added isMajor also a datatype of BIT.