

CSC 540 - Project 1 - Spring 2017

Course Registration System

Course: Database Management Concepts and Systems (Dr. Kemafor Ogan)

Team Members

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How to run this project?

1. The **sql** files (table creation, population) for the project are stored in [this](#) folder. The procedures are in [this](#) folder.
2. To initially create the project (table creation and population), run the '[run_script.sql](#)' file (which should be outside both of the '/sql' and '/procedures' folders. If it is not, copy the *run_script.sql* file from /sql/ folder and put it in the parent directory of both '/sql' and '/procedures' folders.) This script (as you can see in the script) calls the required *sql* files for database schema creation.
3. After you successfully run the **run_script.sql**, the database will be populated with initial values. And is ready to be worked/ tested upon.

This is the recommended method to easily setup the schema.

Although, as requested in the project document, *two* separate *sql* files have been provided in the /sql/ folder - **database_creation.sql** for Schema creation (includes table creation, constraints, procedures, triggers) and **database_population.sql** for Table Population.

Project Description

The goal of the project is to design a relational database application for supporting course registration at a university (similar to *MyPack* for *NC State*).

The application manages different kinds of data about students and courses, subject to a variety of application requirements that are given in use cases. More details can be found here [Problem Statement](#).

Related Documents

[Problem Statement](#)

[Worksheet.MD](#)

[ER Diagram](#)

[ER Diagram Details](#)

[Relational Model](#)

[System Constraints](#)

[SQL Files](#)

Final Application Executable

README.txt