

CSCI 3030U
PROJECT REPORT
#1
(LAB 1 - 5)

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Lab 01

For the first lab, we started by installing Toad Data Modeler and Postgresql which are the essential software for the Project. After installation, we just did some small tutorials on data modeler with postgresql. So the first lab was getting used to the two software, before we start working on our Project.

Lab 02 and 03

Over the course of these two labs, we started working on our Project. We had to design the movie database using toad data modeler, as we did in our first lab. We followed the requirements and constraints, and created a database with seven to ten tables. We had to choose cardinality between identifying and non-identifying relationship. We had to assign primary keys, foreign keys, not null attributes and other keys properly. We had to avoid bad practices we learned during lectures, such as Uppercase, redundancy, etc. We had to be very careful, since we do not want to get error during our postgres process.

Lab 04

In this lab, we had to continue with our movie database design process. We had to include some more design table, such as producer, writer, award and many more. Like last lab, we have to be careful about assigning keys. We also had to be careful about choosing cardinality between relationships, like last lab. This lab was the last lab for design process, so we had to wrap up and finish our design before the next lab.

Lab 05

In this lab, we moved on from design to inserting data into database. So first, we had to generate a DDL script from Toad Data Modeler. Then using pgAdmin we access postgresql, and create a new Movie database. After creating the database, we used the script, from modeler, to insert tables in the new Movie database. Lastly, we had to insert data for each table in the database.