

Assignment 3

[New Attempt](#)

Due Jun 8 by 11:59pm **Points** 15 **Submitting** a file upload

Problem Background:

Now that we have the database prepared for a fun project designed, the next step is to do something with it. In this project, you all will get to choose what you would like to do with your databases. I will provide some examples for help, but overall this project will be pretty open for students to take in whichever direction will be most interesting and helpful for them.

Part 0: Update Design

Based on any advice on project one, please first update your project design and tables

Part 1: Get Data

Not that your tables are built, the next step is to fill them. You may find real data or generate some dynamically. The more data the better. Please do not insert 3 rows and call it done. A good way to do this may be finding or generating a few csv files and loading those into the tables. Here is a good example of how to import data from file in mysql workbench: <https://ubiq.co/database-blog/import-csv-mysql-workbench/> [\(https://ubiq.co/database-blog/import-csv-mysql-workbench/\)](https://ubiq.co/database-blog/import-csv-mysql-workbench/)

Part 2: Open Ended Project Using This Data

This is where the project opens up some. Students will have the choice to create some some of project, with the main constraint being simply use the data tables described. Again, this must be a reasonably large project, not just a sproc that has a select statement or a

couple views. If you have any questions with the scope, or with coming up with ideas, please reach out to me and I with questions.

Projects can be either fully in sql, making sprocs, views, triggers, etc. can connect with Java or Python like Assignment 1, or something different altogether.

Some fun examples may be creating a program to dynamically add data to the tables, running some statistical models and charting the results, making a fun front end UI for the displaying the data, among many others. Get creative and do something fun. Even if you do not fully accomplish your goals if you show understanding and effort you will get points.