Project Phase #4

1   The Task

This is the final part of the course! Using the previously modelled relational schemas, you must create and populate the database as per your relational schema in MySQL. You must then build a command line interface in **Python3** to satisfy the functional requirements specified earlier. This can be done using libraries like PyMySQL.

2   How to Code

There are two parts to this project:

- Creating the database and defining all tables, and loading it with relevant data

- Performing queries on the database - at least 5 queries & 3 updates (all functional requirements to be satisfied too)

The first part can be done purely using the MySQL CLI. For the second part, you are expected to create a python script that can connect to the database using MySQL. You **may not** use built in commands and functions to make queries. In other words, you must write SQL queries to satisfy each of the functional requirements.

A boilerplate with more instructions has been uploaded here.

3   Submission Instructions

Submit a single zip file named **<teamname>.zip** (without the < and >) containing the Python script(s). Include the SQL commands required to generate the database in a **.SQL file** as well. Mention instructions to run the script in a README file (*This is not a report, explanations of the code are not required in the README*).

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Best of luck!