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**Database - Build and Query**

Question 1

1. Convert the provided ERD to a Relational Schema.
2. Follow the design as provided. Do NOT make design changes of any kind.

Submit your Relational Schema below

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| **Subject** (SubjCode, Description)  PK (SubjCode)  **Teacher** (StaffID, Surname, GivenName)  PK (StaffID)  **Student** (StudentID, Surname, GivenName, Gender)  PK (StudentID)  **SubjectOffering** (SubjCode, Year, Semester, Fee, StaffID)  PK (Year, Semester)  FK (SubjCode, StaffID)  Enrolment (StudentID, SubjCode, Year, Semester, DateEnrolled, Grade)  PK (StudentID, SubjCode, Year, Semester)  FK (StudentID, SubjCode, Year, Semester)  **Enrolment** (StudentID, SubjCode, Year, Semester, DateEnrolled, Grade)  PK (StudentID, SubjCode, Year, Semester)  FK (StudentID, SubjCode, Year, Semester) |

Question 2

Based directly on your Relational Schema from task 1and the provided Data Dictionary, write and execute the DDL to create your database.

Using an SQL Query (not the GUI) verify that all tables have been successfully created.

***Capture screenshot/s of this query and its result set & add submit below.***

Commit your work in your Git repo with the commit message “Task 2 Complete” & push it to origin.

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| RESULT: |

Question 3

Write and execute the DML to add the test data provided to your database

Additional Data:You MUSTalso add yourself as a student. Use your name &student id, invent other data.

In a query editor on the cloud service your database is deployed on & run the query:

*Select \* from student*

***Submit a screenshot of the result set from the above query below:***

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