

Level of Achievement → ----- Criteria ↓	Excellent	Good	Fair	Poor
Demo of the Menu with UI by any language or Web interface (1 mark)	All the options Drop Tables, Create Tables, Populate Tables, Query Tables and exit are implemented in the command line or loop working correctly. There is no expectation of graphical component, but UI should be connected to the database (school or localhost)	All options of Drop Tables, Create Tables, Populate Tables, Query Tables and exit are implemented in the command line or loop. They mostly work correctly. Minor issues exist. UI is connected to a database (school or localhost).	A few options of Drop Tables, Create Tables, Populate Tables, Query Tables and exit are implemented in the command line or loop. Major issues exist which need to be addressed. UI is connected to a database (school or localhost).	The majority of options of Drop Tables, Create Tables, Populate Tables, Query Tables and exit are not implemented. Critical errors exist. The menu does not work as expected. UI is not connected to a database (school or localhost). Critical issues exist.
Grade _____	1.0 mark	0.75 mark	0.5 mark	0.0 to 0.25 mark
Normalization, Database Schema & Content (0.5 marks)	The database is in 3NF & BCNF. The database contains sample dummy data. Code is properly formatted & commented in case of advanced reports, variables and functions.	The database is in 3NF & BCNF. The database contains sample dummy data. Code is not properly formatted & commented on in case of advanced report, variables and functions.	The database is not in 3NF & BCNF. The database contains sample dummy data. Code is not properly formatted & commented on in the case of advanced report, variables and functions.	The database is not in 3NF & BCNF. The database contains very few to no sample dummy data. Code is not properly formatted & commented on in the case of advanced report, variables and functions.
Grade _____	0.50 marks	0.35 mark	0.25 mark	0.0 to 0.1 mark.

Functionality: SQL Queries Code Structure and Code Structure (0.5 marks)	The application reads, updates and deletes records based on user request. Users are also able to search for specific records. Code is properly formatted & commented on in case of advanced reports. Variables and functions.	The application reads, updates and deletes records based on user request. Users are also able to search for specific records. there are minor issues with running queries. In most cases, Code is properly formatted & commented on in case of advanced reports. variables and functions.	The application reads records based on user requests. Users are not able to search for specific records. there are major issues with running queries. In most cases, Code is poorly formatted & commented on in case of advanced reports. variables and functions.	An application cannot update and delete records. Read functionality is very limited and is not based on user input. In all cases, the Code is poorly written, and no comments are available to explain the functionality of the code block. No search function is implemented.
Grade _____	0.5 mark	0.35 mark	0.25 mark	0.0 to 0.1 mark
Individual Evaluation (1.0 mark)	The student can elaborate on the functionality of queries and the implemented UI/GUI.	The student can elaborate on the functionality of most of the queries and the implemented UI/GUI.	The student cannot properly elaborate on the functionality of the queries and the implemented UI/GUI. The student needs to practice and prepare for presentations.	The student is not available for oral evaluation or is not able to explain the function of queries and the UI/GUI.
Grade _____	1.0 mark	0.75 marks	0.5 marks	0.0 to 0.25 marks

Bonus Rubric (3 marks - deadline week 30)

Front end access to the database by GUI (1.5 marks)	The menu is implemented by GUI or by a Web-based interface. The previous menu options are functional by accessing through the GUI or Web-UI.	The menu is implemented by GUI or by a Web-based interface. The previous menu options are functional by accessing through the GUI or Web-UI however there are minor issues.	The menu is implemented by GUI or by a Web-based interface. The previous menu options are not functional by accessing through the GUI or Web-UI and there are major issues.	The menu is implemented by GUI or by a Web-based interface. The previous menu options are not implemented.
Grade _____	1.5 marks	1.25 marks	0.75 marks	0.0 to 0.5 marks
Separate access to the form and tables (1.5)	There is a possibility to access and update records in each table/form like a complete database application or web application	There is a possibility to access and update records in most tables/forms like a complete database application or web application. Minor issues exist.	There is a possibility to access and update records in a few tables/forms like a complete database application or web application. Major issues exist.	There is a possibility to access and update records in very few to notables/form like a complete database application or web application. Critical issues exist.
Grade _____	1.5 marks	1.25 marks	0.75 marks	0.0 to 0.5 marks