Application Overview

Student Database Application

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This application connects to an access database to display various reports and grading information. It queries the database for information, depending on what option the user chooses. The reporting features develop a Word document containing grade information about a selected course. There are selection boxes available to choose a course, listing the course name, course code, CRN, and term.

I picked this application because it suits something I may do in my future career and has many moving parts that provide the ability to demonstrate my knowledge of VBA. Being a student in Computer Science, there is a strong likelihood that I will be involved in advanced Microsoft Office features/VBA development in the near future, and this offered me ample opportunity to practice and demonstrate my newly acquired skills. It also enabled me to continue to practice effective and efficient programming skills, such as looping, streamlining, and time/space.

Students in Sudbury question:

sqlStr = "SELECT \* FROM Students WHERE City = ""Sudbury"""

A screenshot of a cell phone

Description automatically generated