

## **ITN 261: App Store - Databases, JavaFX**

### **Problem Statement:**

You are tasked with writing a simple GUI that loads App Store information from a local MySQL server using the JDBC driver and is able to filter it by rating. The user should also be able to add new reviews. The user should also be able to modify existing reviews by entering an administrator password.

### **Grading Details:**

- 75% Code quality/Correct usage of programming concepts
  - 15% Good UI/UX design
  - 15% Correct usage of JDBC MySQL Driver
  - 15% Correct usage of GUI/javafx
  - 15% Correct usage of OOP and modular programming concepts
  - 15% Supporting code and logic (control structures, logic, etc.)
- 5% Program runs, produces expected results
- 5% Descriptive variable names
- 5% User friendliness (good prompts and outputs)
- 5% Comments (minimum required comments and human readable clarification for any unclear or unintuitive code)
- 5% Proper indentation/formatting

### **Requirements:**

- In this project, you have much more freedom to design and implement the UI and functionality, so no sample output is provided.
- Program should properly read and insert data into the MySQL database.