COMP228- Java Programming

Assignment 5 JDBC & JavaFX Application

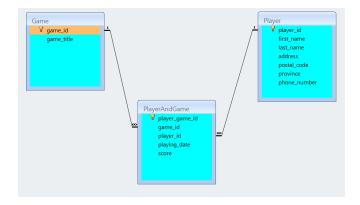
Due Week #13 (Friday December 11, 2015) @ midnight.

Value 10%

JDBC & JavaFX Application

Overview: Develop a Java application that will allow the players to submit information about themselves and the games that they are playing on-line. The information will be stored in a simple MySQL database. The database tables are shown in the following picture:

Maximum Mark: 24



You may use **phpMyAdmin** to create your database on the MySQL server.

You should populate the table *Game* with titles of games that you have "played" during this semester.

Your GUI should provide the necessary JavaFX components that will allow the user to enter and display the data. You will use JDBC to provide the following operations:

- 1. *Insert* game and player information into the database.
- 2. *Update* the existing player information.
- 3. **Display** reports with player and played games information.
- 4. You may use JavaFX components to display the reports.
- 5. Allow the user to select **player_id**.

Use **prepared statements** to implement all database operations.

SUBMITTING YOUR WORK

Your submission should include:

- 1. Individual zip archives of your project Files uploaded to dropbox
- 2. Link to your GitHub repository

This assignment is weighted **10%** of your total mark for this course.

Late submissions:

• 10% deducted for each additional day.

External code (e.g. from the internet or other sources) can be used for student submissions within the following parameters:

- 1. The code source (i.e. where you got the code and who wrote it) must be cited in your internal documentation.
- 2. It encompasses a maximum of 10% of your code (any more will be considered cheating).
- 3. You must understand any code you use and include documentation (comments) around the code that explains its function.
- 4. You must get written approval from me via email.