Justin Moua

Introduction to Databases Project – Part IV

**README SECTION**

1. **Pre-requisites to run the program**
2. Front-end (**most of the jar files should already be submitted along with project for ease of grading).** 
   1. Java version 1.8.0\_411 or newer will need to be installed.
   2. The JRE being used is JavaSE-17
   3. The IDE being used is Eclipse
   4. The JDBC the mysql connector which is version 8.0.13 that can be founded below. **Be sure to install the jar file.**
      1. <https://mvnrepository.com/artifact/mysql/mysql-connector-java/8.0.13>
   5. Windowsbuilder will need to be installed through the eclipse marketplace. Just install the “Windowsbuilder current”.
   6. The jar file for Jcalendar version 1.4 may need to be installed which can be founded below. Scroll down until you find “Download and latest version.” **It may or may not need to be added to path**
      1. <https://toedter.com/jcalendar/>
3. Database
   1. MySQL workbench will need to be installed
4. **How to run the program**
5. **Important Note:** You may need to change the url, user ,and password that connects to the local database. Below are the folders and files that need to be changed. **In them, you will find a function called “EstablishConn()” and they contain three string variables in which are url, user, and password. Make sure to change them accordingly.** These folders are in the src package/folder.
   1. Everything in the folder “moua\_justin\_app.frontend.authenticated.watchlist\_viewing”
   2. Everything in the folder “moua\_justin\_app.frontend.authenticated.watchlist\_editing”
   3. LoginJF.java and RegisterJF.java in the folder “moua\_justin\_app.frontend.unauthenticated”.
6. Unzip the folder I submitted and load it into the program onto eclipse
7. Load “MouaJustin\_SQLCode.sql” into MySQL workbench
8. Be sure the pre-requisites section written above has been done.
9. Go to the src folder
10. Go to to the moua\_justin\_app.backend folder
11. Click on the “Main.java” folder
12. Then run the program. Everything works from there. You can create an account or log into an account then create a watchlist or view a watchlist.
13. IF you are ADDING/EDITING/CREATING a watchlist, be sure to enter the ID number of the movie to add it to the database and nothing else.