**Compilation & Installation notice**

Github: <https://github.com/weichen-liao/QuizManagerJAVAFX>

Java version: 14.0.1

javafx version : 14.0.2.1

h2 version : h2-1.4.200.jar

compiling h2:

My h2 working directory is

"jdbc:h2:~/Desktop/IdeaJ projects/QuizManager/MCQ"

It’s mentioned in Main.java, GenerateQuiz.java, QuestionDAO.java

Pay attention to these settings

The MCQ.mv.db file could be found in the github page provided, you have to put it in the right folder and change you path of it. You could expect a lot of bugs in this process.

JavaFx setting:

First, compile javafx:

export PATH\_TO\_FX=/Users/liaoweichen/Downloads/javafx-sdk-14.0.2.1/lib

then compile:

javac --module-path $PATH\_TO\_FX --add-modules javafx.controls HelloFX.java

then make some configuration to the IDE, my IDE is IntelliJ, so my setting is:

Run -> Edit Configuration -> VM options, set:

--module-path /Users/liaoweichen/Downloads/javafx-sdk-14.0.2.1/lib --add-modules=javafx.controls,javafx.fxml

You have to set the underlining part accordingly.

**Anyway, in case of your compiling failure and avoid setting my realization mark as 0, you can find my youtube video to demonstrate this project, so that you can at least know what it’s like on my side.**

https://youtu.be/fAd0p--nF9Y

**User Guide**

The CRUD on Open Questions and MCQ Questions is not implemented by JavaFx, that part is in QuestionDAO.java, where Question object and MCQQuestion object is defined. I have created create/createMCQ, delete, deleteAll, update/updateMCQ and search functions to operate on the database.

All the other functionalities are based on JavaFX, all you need to do is to make this project compiled, and run Main.java, the coming process is quite easy to follow.