Quiz Manager

User Guide

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Minimum Requirements

Before attempting to use Quiz Manager please ensure that your system meets the following requirements:

Windows:

- Windows 10
- Windows 8.x (Desktop)
- Windows 7 SP1
- Windows Vista SP2
- Windows Server 2008 R2 SP1 (64-bit)
- Windows Server 2012 and 2012 R2 (64-bit)
- RAM: 128 MB
- Processor: Pentium 2 266 MHz

Mac OS X:

- Intel-based Mac running Mac OS X 10.8.3+, 10.9+

Linux:

- Oracle Linux 5.5+
- Oracle Linux 6.x (32-bit), 6.x (64-bit)
- Oracle Linux 7.x (64-bit)
- Red Hat Enterprise Linux 5.5+1, 6.x (32-bit), 6.x (64-bit)
- Red Hat Enterprise Linux 7.x (64-bit)
- Suse Linux Enterprise Server 10 SP2+, 11.x
- Suse Linux Enterprise Server 12.x (64-bit)
- Ubuntu Linux 12.04 LTS, 13.x
- Ubuntu Linux 14.x
- Ubuntu Linux 15.04
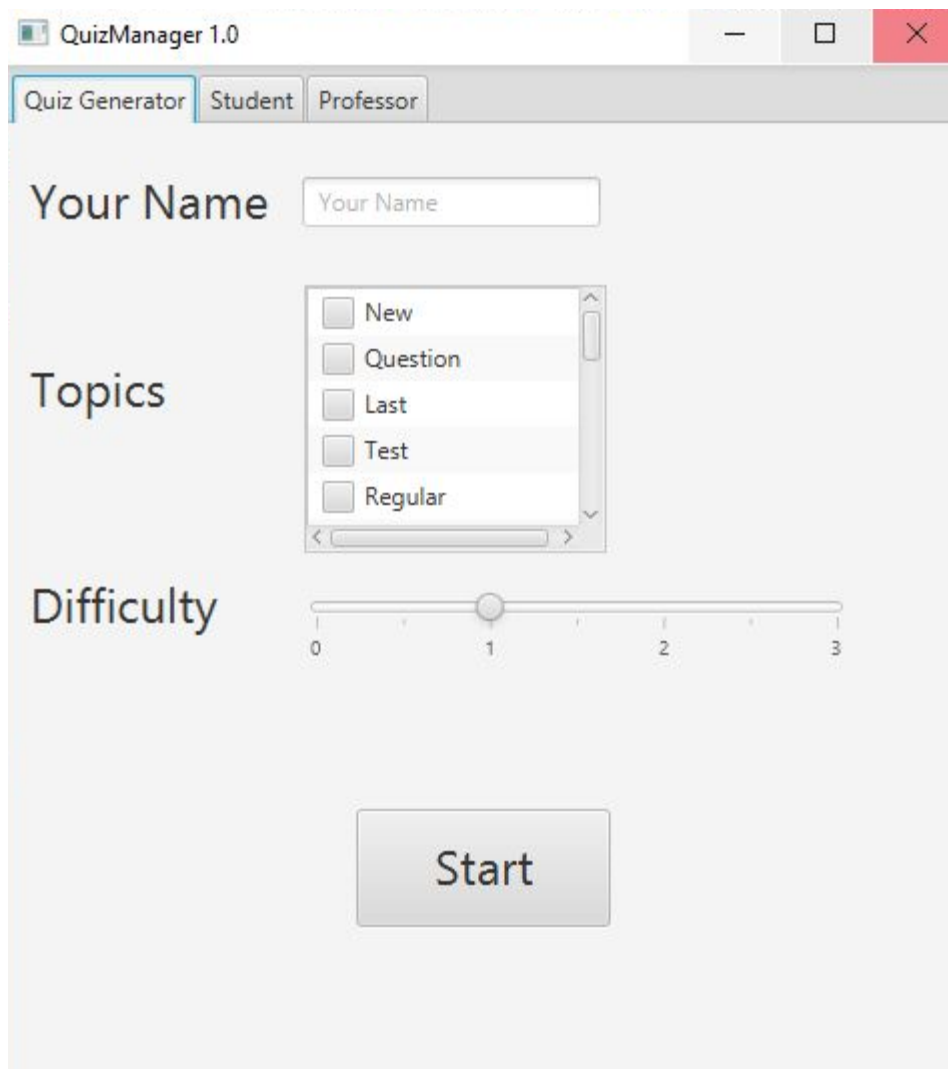- Ubuntu Linux 15.10

Installing and Starting

In order to run Quiz Manager, import the project into your preferred java IDE. Make sure you have the latest versions of Java and JavaFX installed. Run the Launcher.java file inside src/fr.epita.ml.launcher.
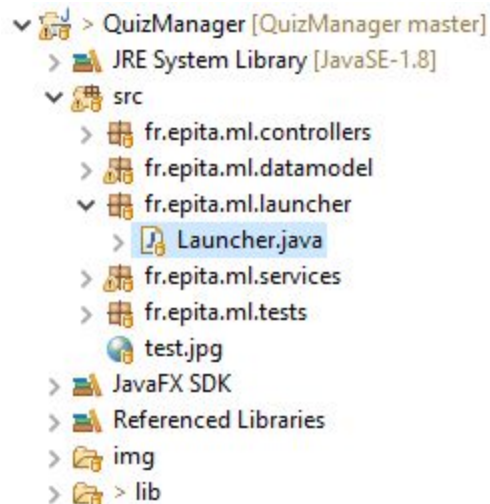
Alternatively, you can run the executable .jar file on the command line. To do so, access the folder containing the .jar file on the the command console and type **java -jar source.jar app.location**

Menu and Profiles

When you start Quiz Manger you should see the following menus on the screen. Here you can choose whether you want to take a quiz based on topics and difficulty, log in as a Student and take a quiz prepared by the Professor, or log in as a Professor and manage questions and quizzes.

Quiz Generator

In this tab, it is possible to generate a quiz based on a list of topics and a difficulty. To generate a new quiz, select the desired topics (at least one) and then chose the Difficulty (0, 1, 2 or 3) on the slider button. Option 0 will generate a balanced quiz with 4 questions of each difficulty.

If you want to take a quiz fill the "Your name" with your name then press "Start".

If you want to export the quiz into a .pdf file, press Export. The file will be saved on the program folder with the name Quiz Generator.pdf

Student

As a Student you are able to take a quiz generated by your Professor. In order to do this, fill the Quiz/Class Name field with the name provided by your professor. Then press Start to start the quiz.
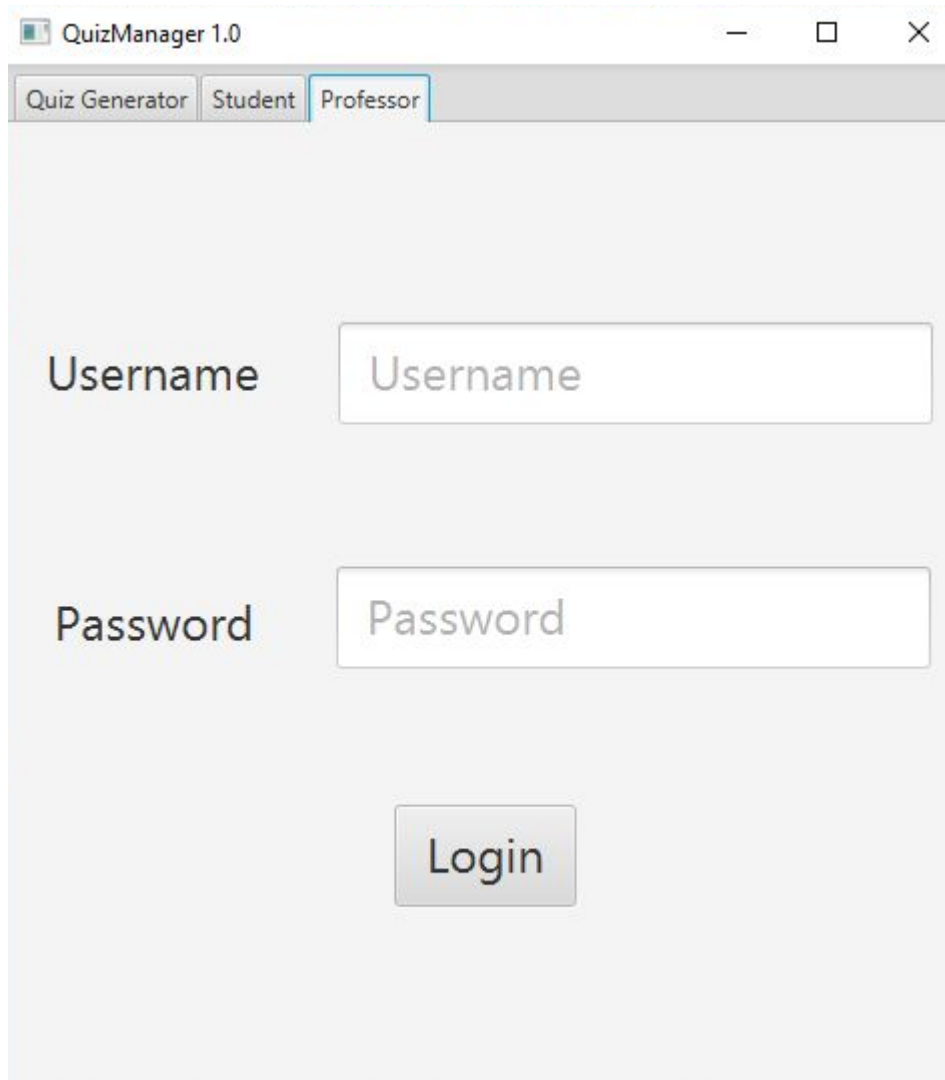
Professor

As a professor you can manage questions and quizzes. You are also able to view the answers given by students.

Login

To be able to access the function mentioned above you must first enter your username and password provided in the README.txt file.
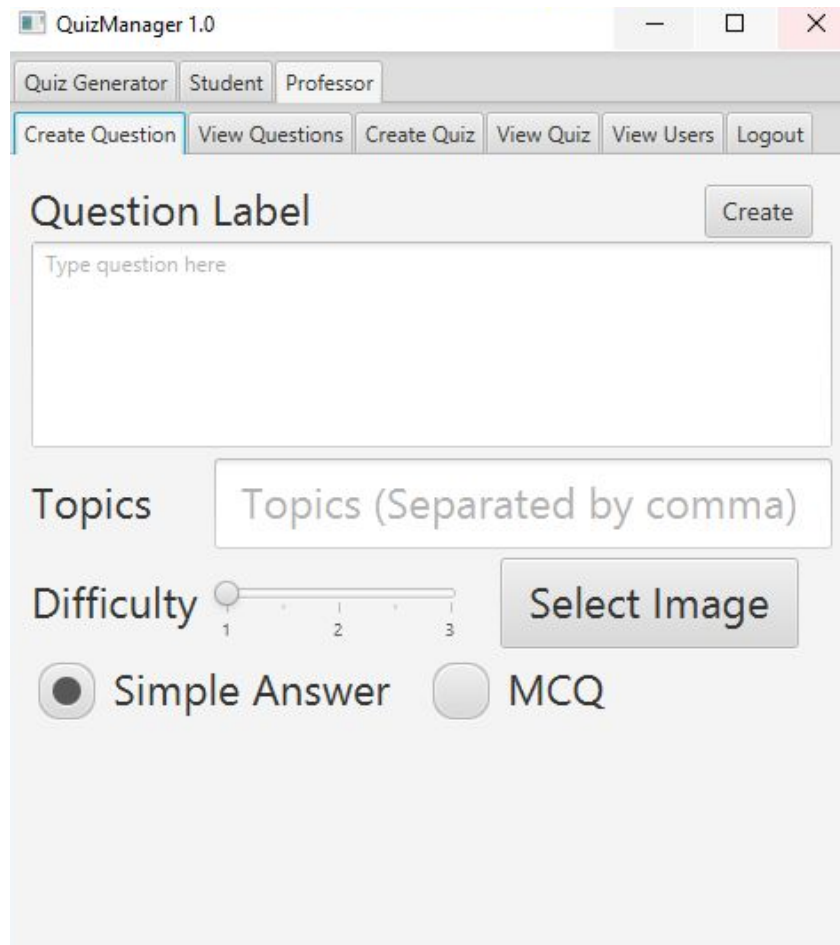
Create Question

Here you can create a new question. To do so you must:

- Type the question in the "Question Label" textbox.
- Define topics for the question, they should be separated by comma.
- Define a Difficulty for the question using the sliding button.
- Add an image to the question (optional).
- Choose if the question is an open question of a multiple choice question.
- If it's a multiple choice question, click on the +Choice button to add choices to your question. After adding all the choices, check the boxes of the correct answers. You will be prompted to edit them if desired.
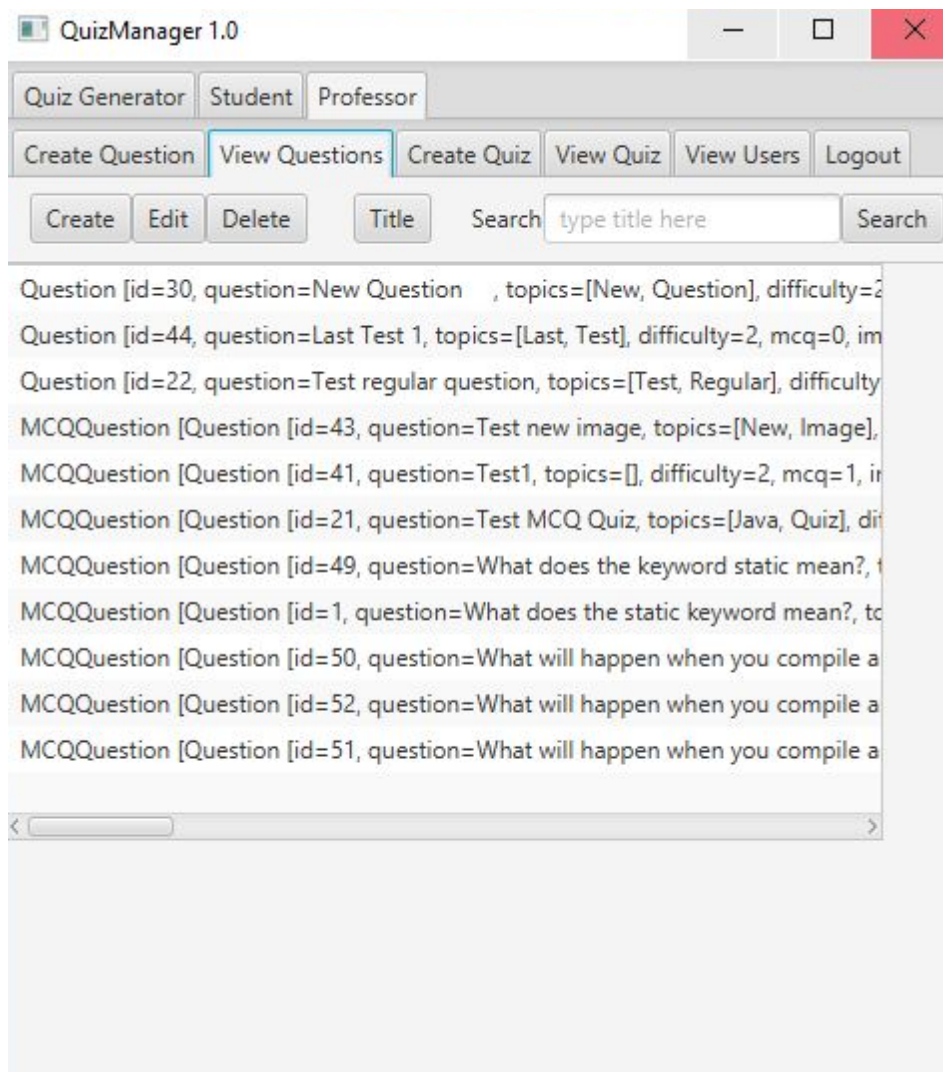- Finally, click on the button Create to put the question in the database.

View Questions

Here you can view the questions that are saved in the database. Click on Title to display them by their label. Type a word in the search box to search the questions by content.

From this tab it's possible to create new questions by clicking on the button Create. If you select a question you can edit it by clicking on the button Edit, or delete it by clicking on the button Delete.
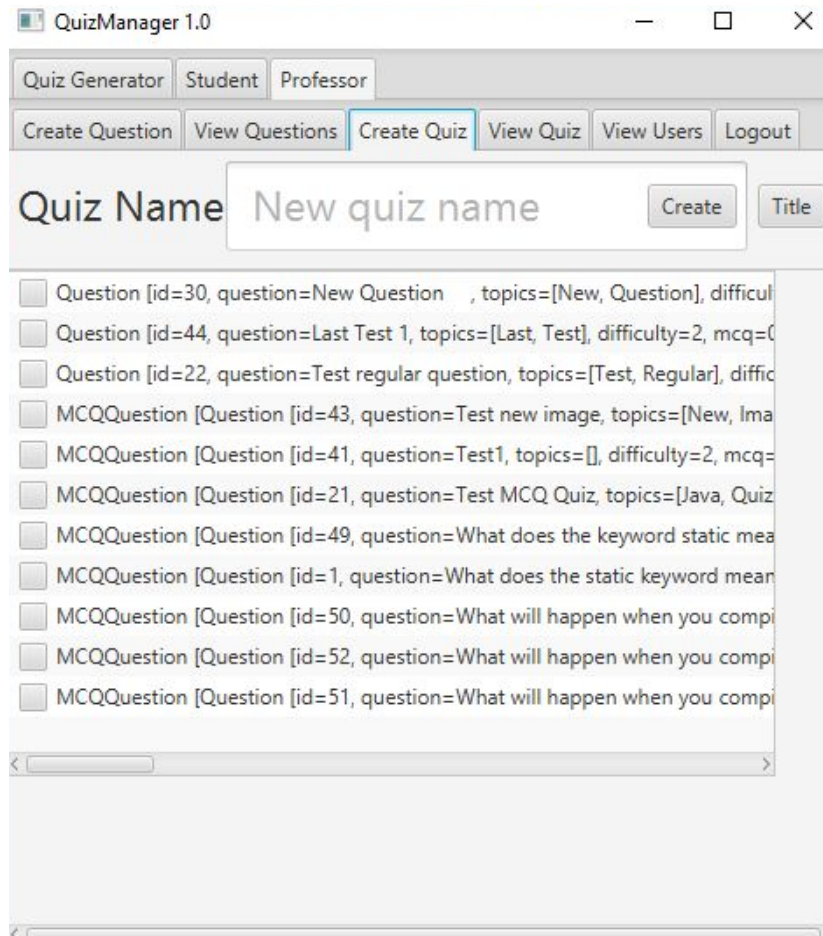
Create Quiz

Here it's possible to create custom quizzes with the selected questions from the database. To do so, you must:

- Select the desired questions that will compose the quiz.
- Type a name for the quiz.
- Click on the button Create.

You can choose to view the questions by their label clicking on the button Title.

It's possible to export the quiz to a .pdf file by clicking on the button Export. The file will be saved on the program folder in the format quiz_name.pdf

View Quiz

Here you can view the quizzes that are saved in the database. Click on Title to display them by their name. Type a word in the search box to search the quiz by name.

From this tab it's possible to create new quizzes by clicking on the button Create. If you select a quiz you can edit it by clicking on the button Edit, or delete it by clicking on the button Delete.
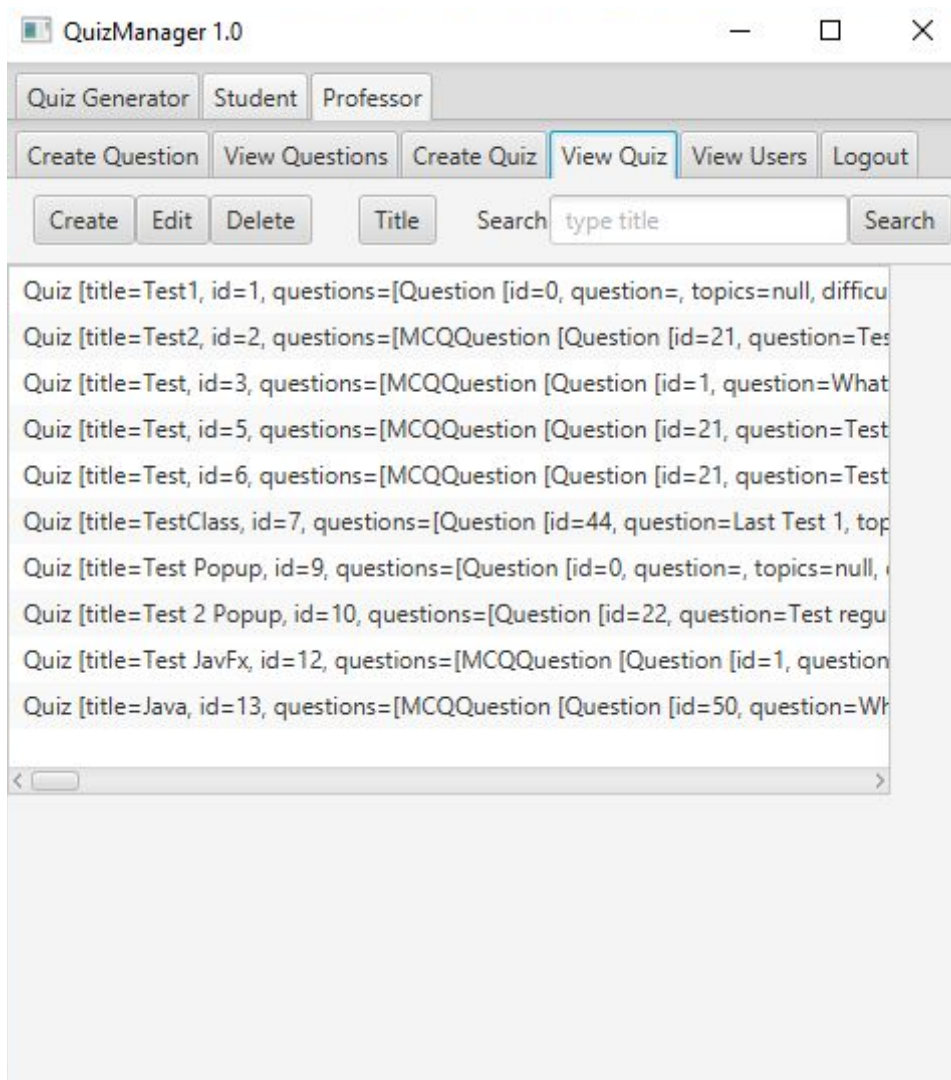
View Users

Here you can export the questions and answers submitted by the students to a .pdf file. Click on their name in then click on Export. The file will be saved on the program folder in the format quizName-studentName.pdf

In the exported file, each question and answers will be displayed in a page. Correct answers will b marked in green, wrong answers will be marked in red.
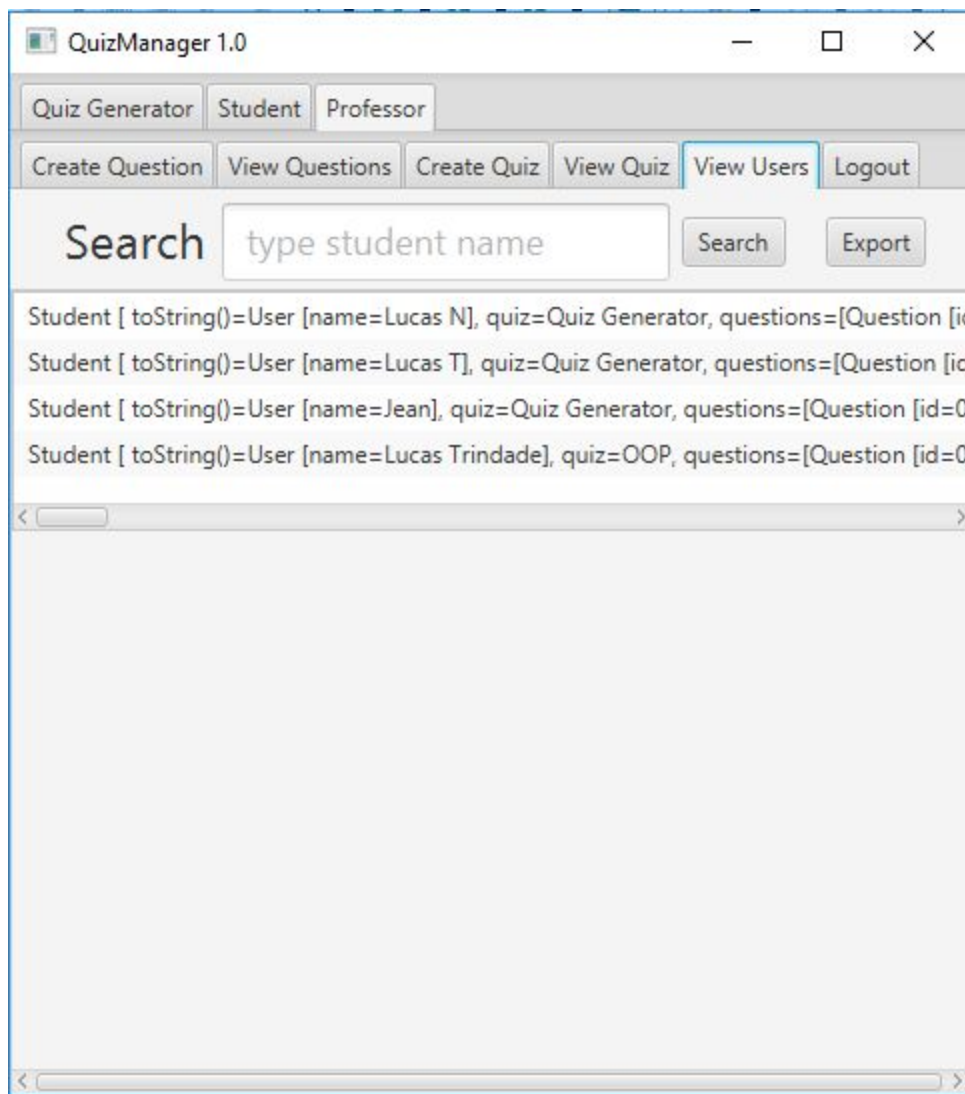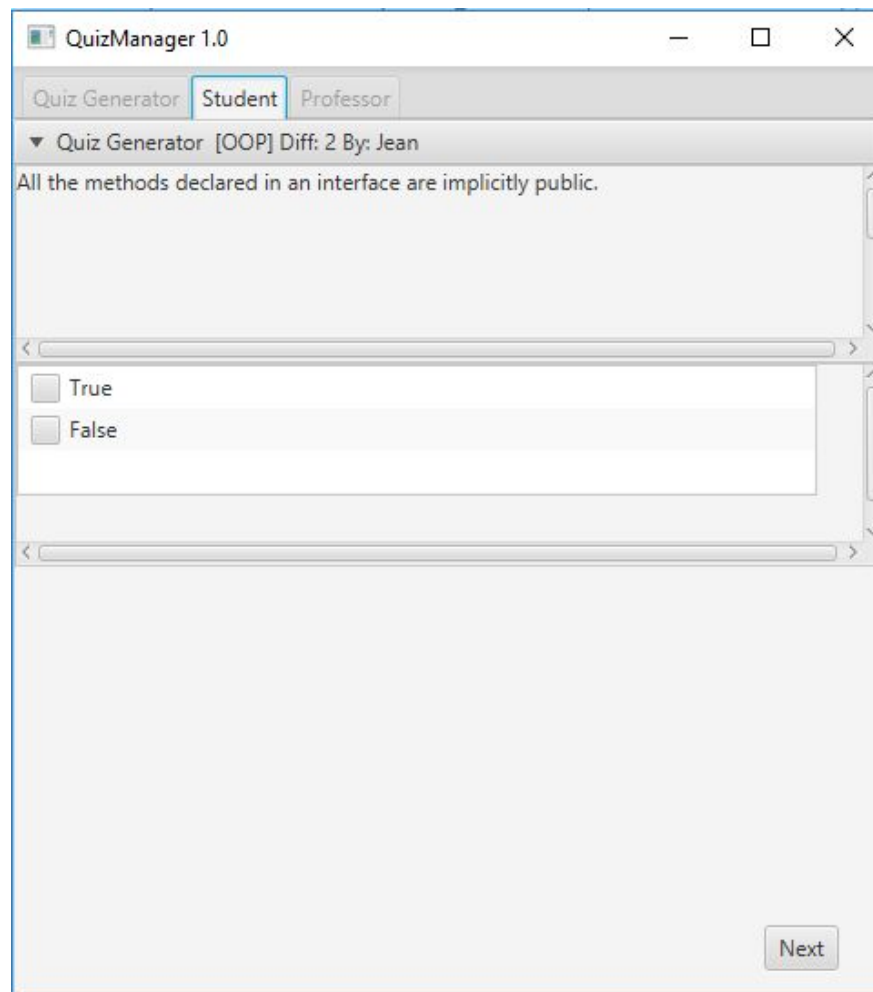
Quiz

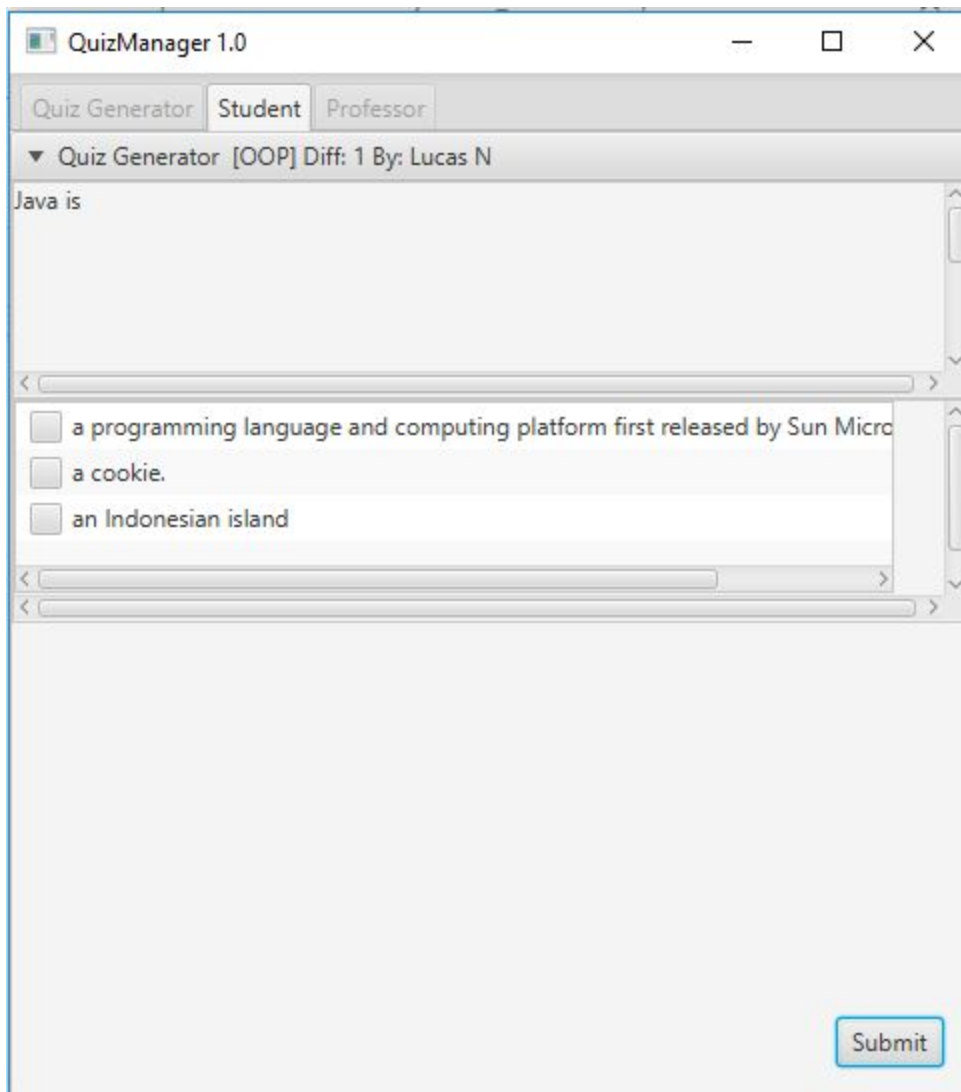During the quiz you will be faced with three possible types of questions:

Multiple Choice Questions

You will be prompted a question and a list of possible choices. You may select none, one or more choices.

Associative questions

You will be prompted a preposition and a list of possible descriptions. You may select none, one or more choices.
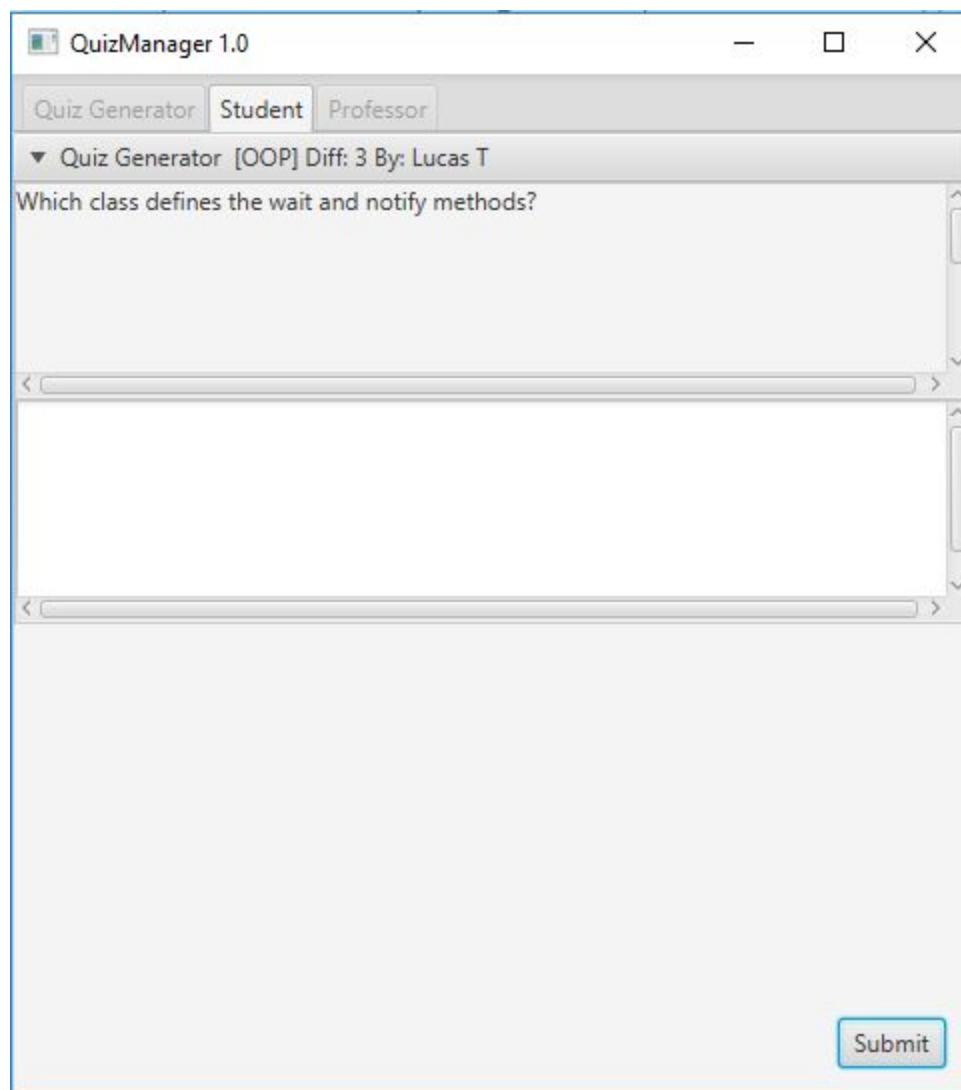
QuizManager 1.0 — □ ×

Quiz Generator **Student** Professor

▼ Quiz Generator [OOP] Diff: 1 By: Lucas N

Java is

☐ a programming language and computing platform first released by Sun Micro

☐ a cookie.

☐ an Indonesian island

Submit

Open Questions

You will be prompted a question and a field to type your answer. This type of question will not be correct automatically, your professor will have access to your answer in order to grade.