

QUIZ SERVER

It serves requests from the players.

Specifications:

- Multiple players can play the quiz simultaneously i.e. each connection to the server is handled as a separate task.
- The server collects the details of the player (e.g., first name, last name, age etc).
- It parses the questions from a statically saved XML file and sends it immediately to the player after the player's information is received.
- The player sends the quiz answers and waits for the server to prepare the results and send it back.
- Its currently configured to run on port 9090 which can be changed in **Server.java**

Implementation

- Implemented in Java. Source level: 1.8
 - To start the server, **run Server.java**
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QUIZ APP

This is a general-purpose quiz app that can be used to enhance the knowledge of basic facts and figures.

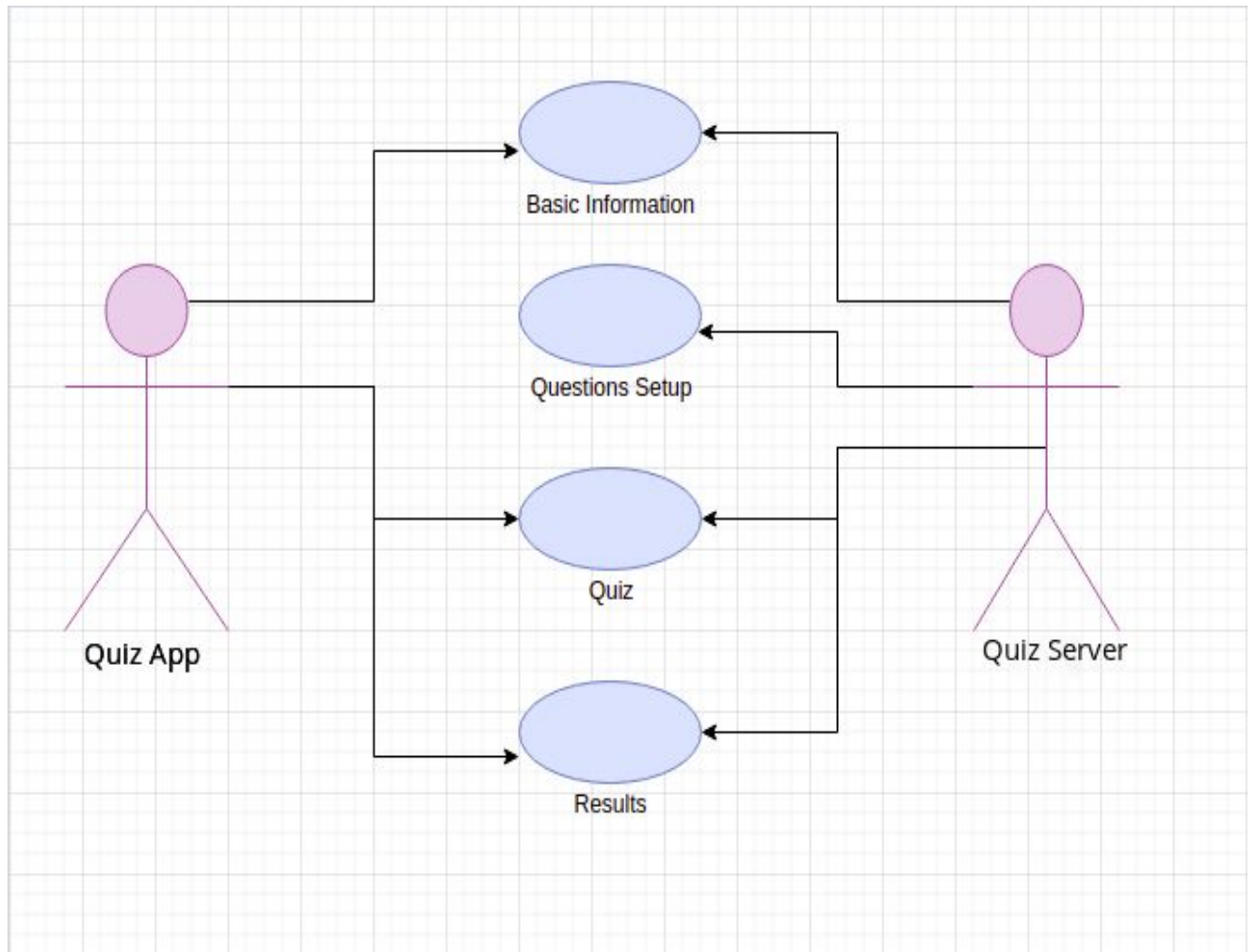
Specifications

- The player connects to the quiz server which is proceeded by providing the basic information. It connects to server on port 9090, which can be changed in **QuizAppController.java**
- The quiz has multiple choice questions with each question has 4 options. The player needs to select an option and click 'submit'.
- On the last question, the player is given the option to end the quiz. The answers are then sent to quiz server and the result is received.

Implementation

- Implemented in JavaFX
 - To start the application, **run Main.java**
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QUIZ UML



SCREENSHOTS

Welcome window



A screenshot of a web application window titled "Quiz App". The window has a dark grey header bar with standard window controls (close, minimize, maximize) on the left. The main content area is light grey and contains the text "Welcome to the Quiz!" in a large, bold, black font. Below this, a smaller black font says "Please proceed with providing your information." There are three input fields: "First Name:" with a blue border and a cursor, "Last Name:" and "Age:" with standard grey borders. At the bottom is a wide, light grey button labeled "Proceed".

Quiz App

Welcome to the Quiz!

Please proceed with providing your information.

First Name:

Last Name:

Age:

First question



A screenshot of the same "Quiz App" window showing the first question. The header bar remains the same. The question text is "#1 India and which of the following agreed to expand their maritime security and boost their anti-terror cooperation in order to deal with the common challenges in Indian Ocean Region?". Below the question is a large, faint world map. At the bottom, there are four radio button options: "Maldives" (selected), "Singapore", "Sri Lanka", and "Bangladesh". At the very bottom are three buttons: "Submit" (highlighted in blue), "Previous", and "Next".

Quiz App

#1 India and which of the following agreed to expand their maritime security and boost their anti-terror cooperation in order to deal with the common challenges in Indian Ocean Region?

☒ Maldives

☐ Singapore

☐ Sri Lanka

☐ Bangladesh

Last question

Quiz App

#5 This statesman, politician, scholar, inventor, and one of early presidents of USA invented the swivel chair, the spherical sundial, the moldboard plow, and the cipher wheel.

☐ George Washington

☐ Alexander Hamilton

☒ Thomas Jefferson

☐ John Adams

End Quiz

Previous

Next

Results

Quiz App

#5 This statesman, politician, scholar, inventor, and one of early presidents of USA invented the swivel chair, the spherical sundial, the moldboard plow, and the cipher wheel.

☐ George Washington

☐ Alexander Hamilton

☒ Thomas Jefferson

☐ John Adams

End Quiz

Previous

Next

Message

Message

Right answer(s): 2

Wrong answer(s): 3

Total percentage: 40.0

Close