

Quiz Game Description

1 Introduction

1.1 How to compile project

Ensure you have the following installed:

- g++
- make

To compile the project, copy the content of one from the folders below into a **Makefile**

- `compiled/makefiles/makefileWindows.makefile` - for windows
- `compiled/makefiles/makefileLinux.makefile` - for Linux

In root of the project in terminal run: `make`.

Or another way to compile the project is to move script `compiled/makefiles/windowsCompile.bat`.

2 Game Description

base idea: The quiz game will be about testing the user's knowledge in various categories. The game will present single-choice questions. Questions will be presented one at a time.

3 Implementation

There will be used MVC pattern.

3.1 Model

There will be all logic of the game.

3.2 View

Currently the view can be implemented in console. In future it can be in GUI.

3.3 Controller

The controller will be responsible for communication between the model and the view. It will also handle the user input and update the model accordingly.

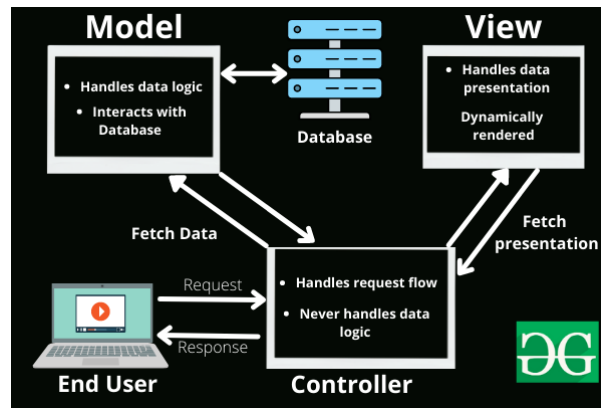


Figure 1: The image represents the way like MVC should work.

4 Technologies Used

- C++ - with STL libraries
- make - for building the project
- g++ - for compiling the project
- git - for version control

5 Ideas for Future Development

- Add more question categories. - obviously, currently there are none
- Implement a scoring system. - maybe
- Create a user-friendly interface. - now is only needed simple or console
- Add a timer for each question. - maybe
- few categories of questions - knowledge or knowledge about another person
- Add multiplayer functionality. - category like in cozy app and category where like opponents