

# Documentation of project

This is a test task for Flat Roc technology. It is created by specific requirements.

To run the application, please create a MySQL database with name *flatrock\_test* and import "*flatrock\_test.sql*" from the root directory of the project. Then you have to set the database configuration in */models/Database.php* () - *\$\_cnf* property. I'm using PHP PDO driver for connection and if necessary easily can change database type.

If you want a different database name, just change it in DB config parameters.

Then you should specify host path to project in *config.php*, from the root project directory. It is set as *HOST\_PATH* constant. That's all.

On project home page, there's two tabs:

1. **Quiz preview** – show all quotes/questions from all quizzes. Currently created only one quiz (for development).
2. **Choose mode** – show options to user to choose which mode of quiz he want to solve:
  - a. **Yes/No** – provide answers which user should guess is the correct author of the citation or not. He has only two option *Yes* or *No* buttons.
  - b. **Multiple answers** – provide to user quiz which should guess the quote author from multiple answer options. \*Only one answer is right/correct.

**\*When user choose some mode will get all questions by choosen mode from quiz with ID 1 (default).**

**Functionality:** when user try to guess the author for single quote it will dynamically see is that correct answer. The system will write "Sorry, you are wrong! The right answer is: ..." OR "Correct! The right answer is: ..." including right quote author. Then after the quote author will appear button "next" to navigate

the user to the next quote. At the bottom of section, there's navigation for current quote. In the last quote from quiz there is no "next" button and navigation is red colored remind to user.

As I understood from requirements there's NO NEED for user registration/login system and saving solved quiz in the database. My solution is based on AJAX check and JSON response. If I'm in wrong, please contact back with me and I will correct it.

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