



W1 - MVC Frameworks

W-PHP-502

my_quiz

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1.0



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repository name: MVC_My_Quiz
language: PHP



- The totality of your source files, except all useless files (binary, temp files, obj files,...), must be included in your delivery.

INTRODUCTION

You will develop a site that allows you to test your general knowledge through quizzes. In order to target the content that your site will offer, you can monitor the activity of your users. To do this, you must collect as much information as possible about them, about the subjects that interest them, their habits, their preferences, etc.

RESTRICTIONS

- JavaScript is prohibited for this project, even for bonuses, which would result in a score of -42.
- Answers to quizzes must not be inferred from the source code, which would result in a score of 0.
- The project must be carried out with the "Symfony" Framework version 3 or +.



PROJECT

The project to be done is a quiz site, similar in appearance to “quizz.fr”. You must be able to choose a category to access the questions in the form of a series of 10 or 20 questions, of your choice. The questions must be asked one after the other, with the answers appearing gradually, question after question.

NOTIONS

You absolutely must cover the following concepts before the end of this project:

- Repositories Doctrine
- Entities
- Model relationships (one to many, many to many, etc.)
- Form builder
- Twig

USER FEATURES

When you are not connected:

- Being able to take quizzes.
- Be able to view the history of past quizzes, as well as the grades obtained.
- Be able to register (validation of the account with a link received by email and log in).

Once connected (additional features):

- Being able to change your email (subject to revalidation) and password.
- Being able to create a quiz.



ADMINS FEATURES

- Create / update (especially about activation) / delete an account.
- Create/update/delete category and quiz.
- Change a user account to admins.
- Being able to send emails to users (non-exhaustive list):
 - Who have taken one or more particular quizzes.
 - Who have not taken one or more quizzes in particular.
 - Who have logged in at least once in the last 1 month.
 - Who have not logged in at least once for 1 month.
- Be able to view detailed statistics on all quizzes and users.
- Display a graph of the number of unique visitors and the number of quizzes taken over the last year, over the last month, over the last week and over the last 24 hours.