

Document name	Mini Project (Quiz App!!)
Version no.	1.0
Release date	11 th September 2020
Classification	Departmental

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Mini Project (Quiz App!!)



Document History

Ver. No	Release Date	Created By / Modified By and Date	Reviewed By and Date	Approved By and Date	Remarks and Changes Made
0.1	11 September 2020	Asfiya Khan	Yogesh Gaikwad	Kirti Mahadik	Initial draft.

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Quiz App!!

Project Statement:

You need to develop an application named "Quiz App!!" the site to take online quiz.

Abstract of the System:

The main objective of the system is to create website for attempting online quiz.

About the system:

This system consists of two roles:

- 1. User
- 2. Admin

User:

You can start with a small quiz of 3-4 MCQs (Multiple Choice Questions). Assign individual values to the answers that produce a specific outcome.

- 1. User need to login to attempt the quiz.
- 2. Users can attempt all quizzes (minimum 5 quizzes) on the website, but he cannot attempt the quiz unless logged in.(Refer the below attached snapshot)
- 3. At the end the score card and the right wrong answers should be displayed.
- 4. A registered user should see all his past activities. (like which quiz attempted and his profile, etc....).

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Admin:

- 1. Can add questions to database in respective category.
- 2. Implement all CRUD operations on question.
- 3. Question shall have options to add images to the problem statement.

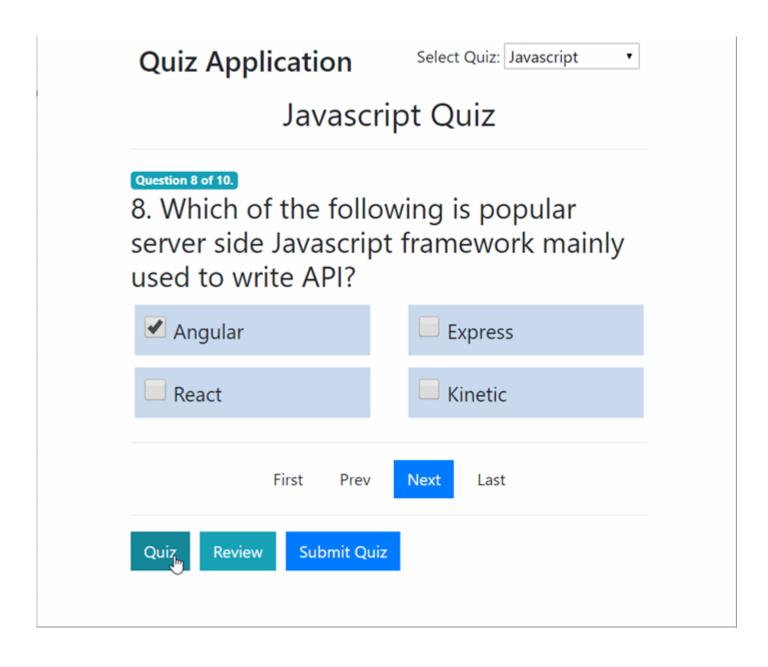
Bonus point for the below achieved tasks:

- a. You can implement timer to the quiz.
- b. Can create graph of comparison of individual performance based on previous attempt.

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Note: You are expected to create fake API's and perform read/write operations on them (JSON server) and the views should be responsive.

Technologies to be used:

- HTML5
- CSS3
- JavaScript
- JQuery
- SASS
- Bootstrap
- RWD

Tools:

- Static code validator Linter/Hinter.
- Code coverage reports SonarQube.
- Code to be pushed on GitHub.

Software Required

- Editors VSCode, Eclipse, etc.
- Chrome / Mozilla browser.

(Make assumptions whenever required in the project.)