TCS Project - Online Quiz Application

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Source Code link: https://github.com/xuanyudo/Quiz-Application

Project Setup:

- Clone or download source code from above url
- npm install to download all necessary libraries (bootstrap, jquery, popper.js etc...)
- json-server quiz.json to start api
- ng serve -o to serve the project on your localhost:4200

Relevant Skills:

- Angular
- node
- json-server
- vscode
- ngModel
- nglf
- ngFor
- ngForm
- bootstrap
- typescript
- html5
- css
- httpClient
- Dependency Injection

Components:

- quiz
 - html, ts and css for the quiz content
- app
 - o a container for overall application
 - bootstrap entry <app-root>
- question service
 - class definition of question class
 - logic to load quiz questions from json-server

Highlight:

- responsive UI design
- information retrieve from fake web server using httpClient
 - o automatically create question object using DI
- Dependency Injection
- form validation

Screenshots:

localhost:4200 (landing screen) Click on Start Quiz to start the quiz

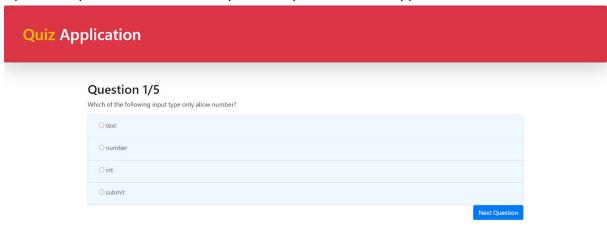
Quiz Application

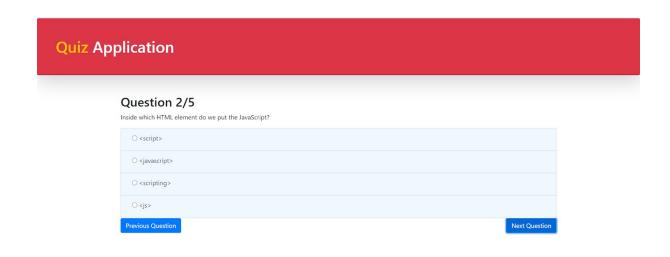
Welcome to our test center

This test center provides hundreds of javascripts quiz question for beginner to practice. Click below button to start the quiz!!

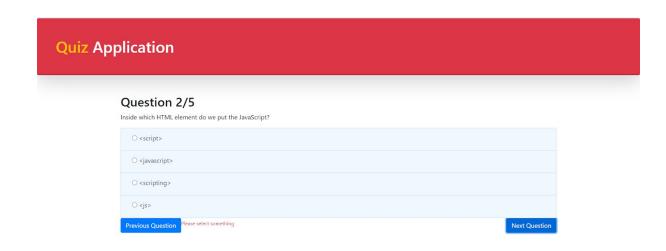
Start Quiz

after clicking on the button, it will display questions one by one with a next button, if there is a previous question there will be a previous question button appear on the left of screen.

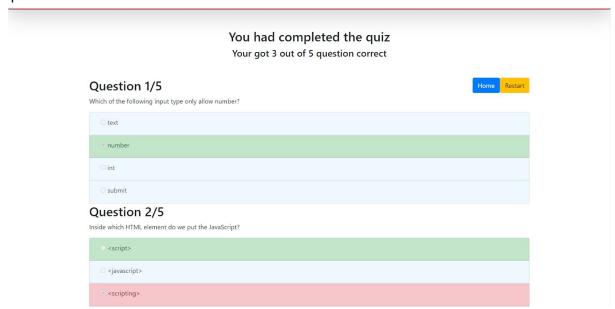




If you are trying to click the next question button with no input, it will show an error message.



Once you complete all the questions, it will show a screen of your quiz status and also all questions with marks.



You can also either choose to restart the quiz or go back to the home screen.