Insight Consulting

Quiz Night

OVERVIEW

The company is having a quiz night in a couple of days and they have decided to create the quiz as an online web application.

Develop a web application where the player can select a quiz, and then answer the questions, then show the player their score at the end of the quiz.
You have been supplied with a JSON file which already contains two quizzes and a few questions with their answers.

GOALS

1. Create a web application to show the questions to the player.
2. Ensure it's easy to change the location of the file without recompiling.
3. Optional - Store the data in a database instead of a file.
4. Optional - Create a Web API for the application to have access to the Quiz questions.

DELIVERABLES

Suggested web technology choices are:

- ASP.NET Core
- React
- Angular

These technologies can be developed with these free development tools:

- Visual Studio Community
- Visual Studio Code

However, you can use any technologies that you are comfortable with to create the application.

If you make changes to the data file, be sure to include the new file, also if you decide to move to a database, please provide a SQL Create database script file.

You are to submit a working application.

NOTE: Once the project is submitted, some additional requirements may be given to enhance the application. Please allow this in your planning.

OUT OF SCOPE

Do not create a security layer or player management facility.