

Dear applicant,

In this home assignment, we wish you to develop an online questionnaire. Upon questionnaire submission the system will calculate a score and display the final score to the client (scale of 0-10)

Questionnaire required features:

- Header
- Progress bar
- Finish\Submit\Calculate button
- List of questions (presented as your choice)
- All questions are mandatory
- For Each question:
 - List of answers to choose from (Type can be: multi choice or single choice)
 - **Only** for questions with multiple choice there will be a Comment field – for free text
 - Each question should have scoring mechanism according to the selected answer:
 - Each answer gets a score
Some more info:
There is no “right” answer, each answer can get same or different score.
for example, in a question about “password policy – pass length:” answers like “4” will get 0, “6-8” will get 50, “12+” will get 90
100 doesn’t have to be the best\max score, so in this question 90 can be 100% or can be 90% depends on the question definition
 - Question gets the sum scores of answers – multi question case
 - In multiple choice the calc has one exception, if the user chooses only one option -the score will be 50% of the score.
 - All Scores should add up to the final questionnaire score
- System should capture multiple answers for the questionnaire, for instance: per user
 - There is no need to implement navigation between users\ or user login.

User experience

User will be able to answer all questions (one by one or in the same form) and navigate between them to correct his answers

When all questions answered, user can trigger the finish button for backend calculation and display the result.

Other

- Project should include 3 parts:
 - Client side (React\Vuejs)
 - Server side (WebAPI .net)
 - Database (SqlServer)

Please provide:

- A script that creates the database and insert base + demo data
- Full code repository + any other instruction to deploy\run
- If required functionality is missing, please refer explicit note regarding that.
- IDE/Versions dependencies

Bonus:

- Add filter for answered / unanswered questions
- Add a search functionality for questions + answers