



## Frontend Task - Test Time!

### Task Details

Create a single-page application that displays a series of questions (assessment) and users are able to answer them. At the end of the assessment, a score is displayed based on user responses to each question.

Get a list of questions from a predefined JSON. You can choose the JSON structure that suits best to the task.

### Technologies

- There are no restrictions on the frameworks/libraries to use. Choose whichever seems best suited for the task. (We suggest using Angular with Typescript)

### Task Details

- User Flow -
  - Show the start screen to the user. It should display the assessment title as defined in the input JSON.
  - On clicking the start button, the first question from the list should be displayed to the student.
  - Display the question - user should be able to select the answer and move to the NEXT or PREVIOUS question using buttons in the footer. Show the student's progress by displaying the current question number and total questions in the footer.
  - After submitting the last question, it should show the total score and a congratulatory message on the next screen.
- Question Type
  - MCQ Single Correct - It should have MCQ-type questions with 4 options and only one correct answer.
- Validations should be implemented wherever required.

### Bonus: Extra points for attempting these

- Host the app on Heroku / Netlify, etc

- Bonus Question types
  - MCQ multiple correct - MCQ type with more than one correct option.
  - Fill in the blank
  - Images as option
  - Any other question bank type that you have in mind
- Provide multilingual support
- Make the application responsive
- Score screen with a summary of user's responses and correct answers to each question.

### **Things we are interested in:**

- Attention to detail and code quality
- Working functionalities
- Modularity & readability of code

### **Important:**

- Wireframes are attached for reference at the bottom. These are just for reference, you can follow your own design.
- Document steps for running the project in the local environment in the ReadMe file
- We condemn plagiarism. Please maintain the dignity and originality of your work. If we suspect any attempt towards copying, we will disqualify your submission. Also, do **NOT** put your code on GitHub.

### **How to submit:**

Please email your submission to [assessments@playpowerlabs.com](mailto:assessments@playpowerlabs.com)

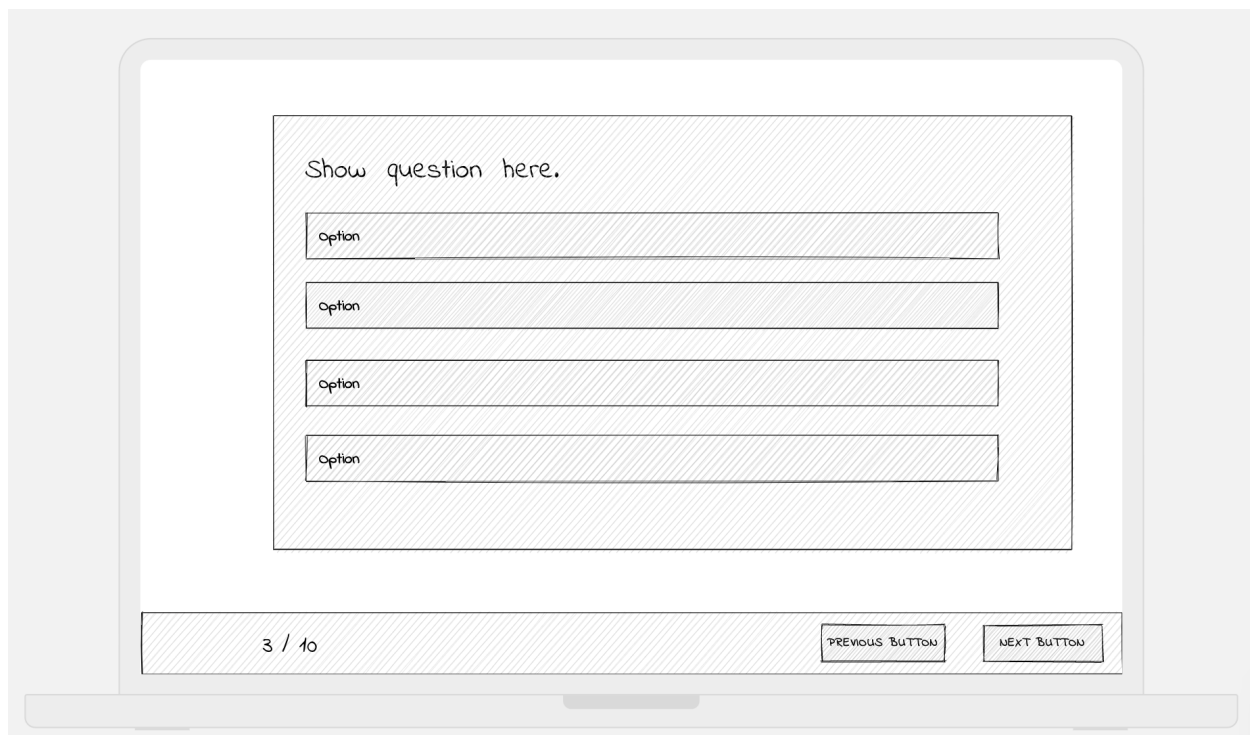
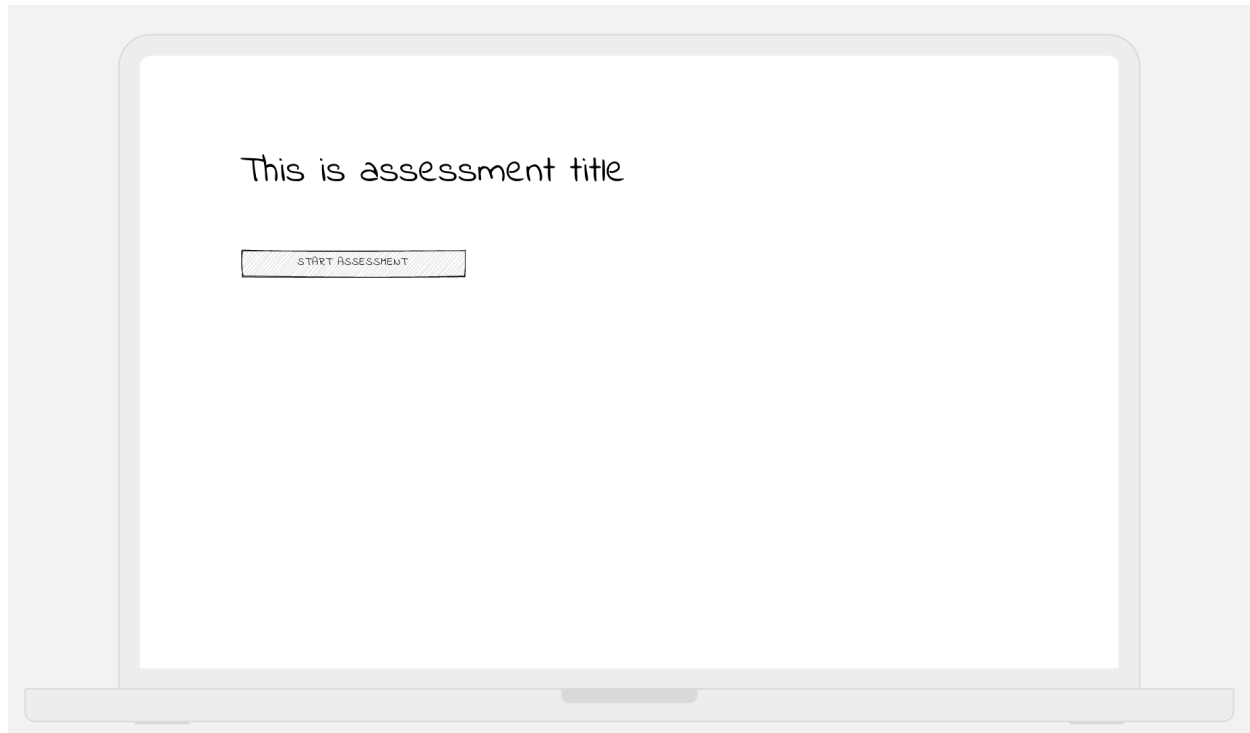
Subject: <Your Name> - <College shortname> Frontend Task

Along with:

1. Google drive link of your source code zip (Be careful of the sharing permissions)
2. Hosted URL (Optional) [Heroku, Firebase, etc.]

For any clarifications, please contact [manthan@playpowerlabs.com](mailto:manthan@playpowerlabs.com)

## Wireframes:



Congratulations Youi have completed the assessment.

Total Score : 6 / 10