Project Specification Document

Project Name:- QuizAppAngular

Developer:- XYZ Company Limited.
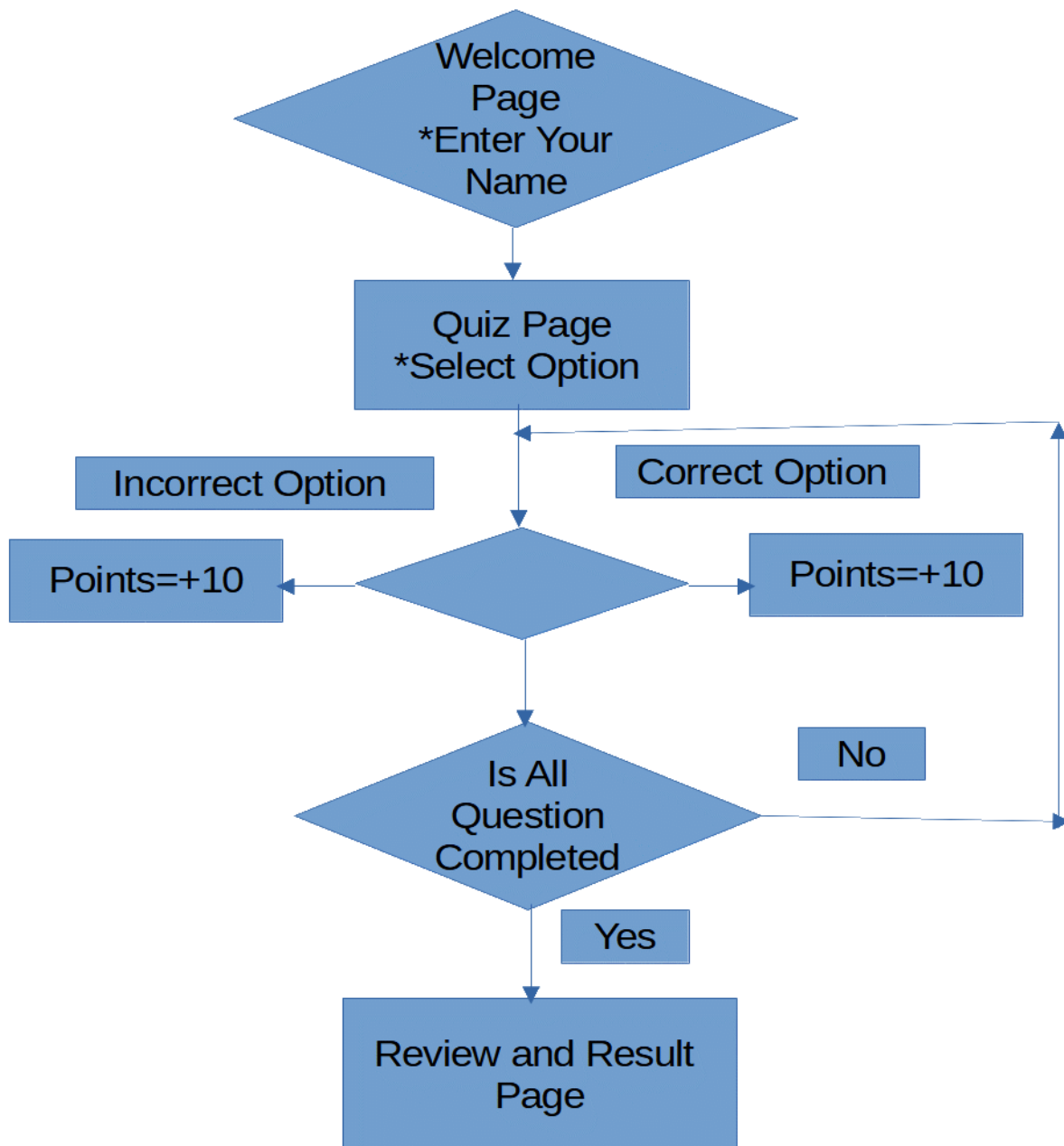
Project Description:-

- The Online Test Application system creates an application that enables users to provide online tests, review them, and display the results.

- This system contains three main modules: Quiz, Review, and Result. The quiz section of the online test application accepts the questions in JSON format.

- The JSON file can be easily shared from the server in the pre-defined format. The application renders the test at the client-side.

- The "Review and display result" section allows users to declare the results immediately.

- You can simply call another JSON with the answers in it and evaluate and display the results immediately.

Sprints:-   Total of 2 sprints were planned for the project. And in that, the prototype of the application was designed and developed.

Tasks assumed to be completed in the sprint are:-

1. Creating the flow of the application.
2. Initializing git repository to track changes as development   progresses.
3. Writing the Java program to fulfill the requirements of the project.
4. Testing the Java program with different kinds of User input.
5. Pushing code to GitHub.
6. Creating this specification document highlighting application capabilities,   appearance, and user interactions.

Flowchart of the application:-

Welcome Page *Enter Your Name

Quiz Page *Select Option

Incorrect Option

Correct Option

Points=+10

Points=+10

No

Is All Question Completed

Yes

Review and Result Page

***Core Java Concepts Used:*-**

1. Angular, Angular Directive, Angular Forms, etc.

2. HTML5

3. CSS

4. Bootstrap, Progress bar, etc

5. JSON

***Github Link*:-**

https://github.com/srjk18/ph1_assmnt/blob/dd55cccf7b00c20ae44e2688d150717 63c454721/Simplilearn_Phase1_Project.java

***Conclusion:*-** The project works as per the requirement given by the Company. Each feature has been implemented and tested. Produces the exact result as required.