**Final Specification Document**

**PROJECT AND DEVELOPER DETAILS:**

PROJECT : **ONLINE TEST APP**

DEVELOPER : SALAMBASHA ALLABAHAS

FULLSTACK DEVELOPER

( MS FSD FEB Cohert1)

PROJECT DESCRIPTION :

This project concentrating more on Front end Frame work. It is a Angular Single Page Application. This project conducts the Online quiz game get the submitted answers and finally displays the result with quotes. In Admin route questions can be managed dynamically.

TECHNOLOGIES USED

1. Angular Js
2. JSON
3. JSON SERVER

NOTE:

1)Angular json server port: <http://localhost:5000/questions>

JSON Folder Included in GITHUB.

2) SubmittedAnswer-json-server server PORT: <http://localhost:4500/submittedAnswers>

JSON Folder Included in GITHUB.

**SPRINT DETAILS**

SPRINTS PLANNED: 3

SPRINT 1 TASKS : ACHIEVED

1) Created User Stories

2) Setup Github Repositories

3) List the concepts to be used

4) Created the Initiliazing online-test-app

SPRINT 2 TASKS : ACHIEVED

1. Necessary components created.
2. Page routings completed.
3. Home component completed
4. Quiz component completed
5. Created the Quiz json file using Admin route.
6. <http://localhost:5000/questions>

SPRINT 3 TASKES : ACHIEVED

1. Review Component completed
2. Answers Json server folder created
3. <http://localhost:4500/submittedAnswers>
4. Result calculation done at the Result component
5. Result displayed in the Result component

**ALGORITHM**

1. Start the application.
2. Create a Angular project using Angular Cli
3. Clear the app.component.html
4. Create the necessary components
5. Configure the routing using app.routing.module.ts
6. Create the Quiz component with necessary imports
7. Quiz/admin Can add the questions to the json server.
8. Using quiz module and Angular-json-server
9. Review component completed using Angular-json-server objects

Created JSON Folder Included in GITHUB.

10)SubmittedAnswer-json-server generated to receive the submitted answers and it get stored

11) Using Result component and SubmittedAnswer-json-server result logic completed and it calculated.

12) Result displayed on the result.component.html with quotes.

**FLOW CHART**

Note: Attached as separate file

GITHUB REPOSITORY LINK:

<https://github.com/bashasalam/SALAMBASHA.A_Phase-4_Meganadhan>