**Online Test Application**

**By**

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**PHASE – 4 PROJECT**

**Developing an Airline Booking Portal**

**This document contains sections for:**

* Project Description
* [Technologies used in project](file:///C:\Users\Asus\Downloads\LockedMe%20-%20Virtual%20Key%20for%20Repositories.docx#Core_concepts)
* [Flow of the Application](file:///C:\Users\Asus\Downloads\LockedMe%20-%20Virtual%20Key%20for%20Repositories.docx#Flow).
* Project Users Stories: (Agile and Scrum)
* Git Repositories
* How to run project
* [Demonstrating the product capabilities, appearance, and user interactions.](file:///C:\Users\Asus\Downloads\LockedMe%20-%20Virtual%20Key%20for%20Repositories.docx#Product_capability)

The code for this project is hosted at:

<https://github.com/12345divyanshimasi12345/testApplication.git>

* 1. **Project Description:**

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

**System Details:**

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.

* 1. **Following Technologies are used in the project:**
* Angular
* Typescript
* HTML5/CSS3
* JavaScript
  1. **Project Users Stories: (Agile and Scrum)**

The project is planned to be completed in 1 sprint. Tasks assumed to be completed in the sprint are:

* Creating the flow of the application
* Initializing git repository to track changes as development progresses.
* Writing all the program to fulfill the requirements of the project.
* Testing the program with different kinds of User input
* Pushing code to GitHub.

1) As a user, I can view and answer the quiz.

2) As a user, I will be able to see the answers and the score result right after the quiz.

3) More questions could be added to the quiz.

The goal of the company is to deliver a high-end quality product as early as possible.

**3. Project git Repositories**

<https://github.com/12345divyanshimasi12345/testApplication.git>

**4. How to run project:**

4.1. clone project

4.2. Open the project in VS code, download npm modules and angular cli.

4.3 Run ng serve to run the project on browser.

**Directory Structure / package:**

## **Demonstrating the product capabilities, appearance, and user interactions**

To demonstrate the product capabilities, below are the sub-sections configured to highlight appearance and user interactions for the project:

Home page:

Graphical user interface, application

Description automatically generated

**Click on Start Quiz –**

**Graphical user interface, text, application, email

Description automatically generated**

**Let’s put one wrong answer in the quiz,**

**Graphical user interface, text, application, email

Description automatically generated**

**Let’s give right answers to all questions,**

**Graphical user interface, text, application, chat or text message

Description automatically generated**

**SCORE CARD -**

**Graphical user interface, text, application, email

Description automatically generated**

**Coming back to HOME –**

**Let’s try to add one more question:**

Graphical user interface, application

Description automatically generated

**Graphical user interface, text, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, text, application, email

Description automatically generated**

## Pushing the code to GitHub repository

* Open your command prompt and navigate to the folder where you have created your files.

*cd <folder path>*

* Initialize repository using the following command:

*git init*

* Add all the files to your git repository using the following command:

*git add .*

* Commit the changes using the following command:

*git commit . -m <commit message>*

* Push the files to the folder you initially created using the following command:

*git push -u origin master*