

# **Online Test Application Documentation**

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

This document contains sections for:

- Sprint planning and Task completion
- Core concepts used in project
- Conclusions

The code for this project is available at [pragathihebbarkm/OnlineTestApplication \(github.com\)](https://github.com/pragathihebbarkm/OnlineTestApplication) and is done by Pragathi Hebbbar.

## **Sprints planning and Task completion**

The project is planned to be completed in a single sprint. Tasks that are assumed to be completed in this sprint are :

- Creating the flow of the application
- Initializing git repository to track changes as development progresses.
- Writing the program to fulfil the requirements of the project.
- Pushing code to GitHub.
- Creating this specification document highlighting application capabilities, appearance, and user interactions.

## **PRODUCT CAPABILITIES:**

*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.

## TECHNOLOGIES USED:

- Visual Studio Code
- Angular
- JSON
- HTML

## FEATURES OF PROJECT:

- User can enter their name and start the quiz.
- User is taken to the quiz.
- User can select the correct answer from the options.
- If the Answer is correct then the option is highlighted with green color.
- If the Answer is incorrect then the option is highlighted with red color.
- After answering all questions user can see the result and review their result.

## 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**

## CONCLUSION:

This is a prototype application for Online Quiz, For further improvements we can :

- add explanations for the answer.
- add different types of quiz.
- add result download option.