

# **Online Test Application**

## **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.

## **Introduction**

Quiz application in one form or the other is becoming a general requirement for most of the applications these days. Be it Survey, mock test, preparation, self-evaluation, gathering information, actual objective test or exam. This quiz application will help you to get through your need with minimal or no modification.

This article presents you a simplified way to create your quiz application in Angular 2 in just few lines of code. The quiz application accepts the questions in json format. So, you can easily send the json from the server in the pre-defined format and the Angular quiz application will render the quiz at the client side. The quiz also has review and display result section. If you wish to declare the result immediately, you can simply call another json with the answers in it and simply evaluate and display the results immediately. Alternatively, if you wish to just submit the answers to the server, you can also do so at on Submit method *quiz.component.ts*.

## **Background**

This article is the updated version of [Quiz Application in AngularJs](#). Since the technology has changed since the article was written, I may not continue updating major features in the previous version of this article. However, I will keep on adding features on this article.

This article assumes that you have the basic knowledge of Angular 2, bootstrap 4 and a bit of CSS. To run this article, you should know a bit on how to do `npm install` and run it using `angular cli`. Please visit [Angular Cli](#) if you wish to know how to run the application via `angular cli` command.

## **List of technologies used in this project:**

- Angular
- JavaScript
- Type Script
- HTML
- Css
- Git
- GitHub