SAPIENCE ACADEMY AND

MANAGEMENT SOLUTIONS

A

Project Report

On

"Quiz App Using Web API"

Submitted by

MANASA V   RAKESH S

RANJINI B   SUGUNA M

Under the Guidance of

SRI KRISHNA KASHYAP

SAPIENCE ACADEMY AND MANAGEMENT

&

SOLUTIONS

CERTIFICATE

Certified that the internship work entitled **“QUIZ APP USING WEB API”** has been presented by **MANASA V RANJINI B SUGUNA M of EKALAVYA INSTITUTE OF TECHNOLOGY & RAKESH S of GLOBAL ACADEMY OF TECHNOLOGY** fulfillment the requirements during the academic year **2018-19**.It is certified that all suggestion/correction indicated for Internal Assessment have been incorporated in the Dissertation deposited in the department library. The Dissertation has been approved as it satisfies the academic requirements with respect to Dissertation work.

Signature of the Guide
Mrs.Sri Krishna S Kashyap
Sapience Academy & Management
Solutions

Signature of the Director
Ms. Anajana Shashi Kiran
Sapience Academy &Management
Solutions

DECLARATION

We, **MANASA V RANJINI B RAKESH S SUGUNA M** hereby declare that this dissertation Work titled **"QUIZ APP USING WEB API"** is carried out by me under the guidance of **Mrs. Sri Krishna S Kashyap** , Sapience Academy And Management Solutions, Mysore. This Dissertation work is submitted in partial fulfilment of the requirement for **INTERNSHIP** during the academic year **2018-2019**. Further, the matter embodied in the dissertation has not been submitted previously by anybody for the award of any degree to any other university.

Place: MYSORE   **MANASA V**

Date: **RANJINI B**

                                                                                             RAKESH S

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MANASA V   RAKESH S

RANJINI B   SUGUNA M

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ABSTRACT

The concept of quizzes is currently very popular among educated circles as well as in entrainment shows. Though the quiz can be conducted manually it happen needs elaborate preparation.

Chapter 1

<u>INTRODUCTION</u>

A **QUIZ APP** is a web application for to take online test in an efficient manner and no time wasting for checking the paper. The main objective of **ONLINE QUIZ** is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of

time but also gives fast results. For students they give papers according to their convenience and time and there is no need of using extra thing like paper, pen etc.

This application is basically in Angular5 with web API. It is a web software you can use to create a beautiful website or blog.

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1.2 NEED OF ONLINE QUIZ

Scope :

Scope of this project is very broad in terms of other manually cheking yourself.

Few of them are:-

-This can be used in educational institutions as well as in corporate world.

-Can be used anywhere any time as it is a web based application (user Location doesn't matter).

-No restriction that examiner has to be present when the candidate takes the test.

Benefits :

Online quiz are a popular form of entertainment for web surfers. Online Quiz are generally free to play & for entertainment purposes only though ONLINE QUIZ website offer prices. Online quiz is setup to actually test knowledge or identity a person's attribute. Some companies use online quiz as an efficient way of testing a potential hire's knowledge without that candidate needing to travel.

Chapter 2

REQUIREMENT ANALYSIS

REQUIREMENT ANALYSIS

Requirements analysis in systems engineering and software engineering, encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product, taking account of the possibly conflicting requirements of the various stakeholders, such as beneficiaries or users.

Requirements analysis is critical to the success of a development project. Requirements must be documented, actionable, measurable, testable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design. Requirements can be architectural, structural, behavioral, functional, and non-functional.

The development of project needs some requirement to make the project perform better and achieves the goal of project. In developing Online Quiz, the capabilities of computer and hardware plays a big impact on project quality. The project maker should determine the minimum requirements of hardware and also software to be used to develop a good and attractive project.

There are two phases of requirement analysis as given below

1) **Primary Research:** Identifying the user requirements conducting a survey based on a questionnaire.

2) **Secondary Research:** Comparing the indentified requirements with already existing software having similar functionalities.

Based on these researches the result is defined as the **Software Requirement Specification**

OBJECTIVE OF OUR PROJECT

The main objective of on-line quiz is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.

PRIMARY RESEARCH : The following questionairre was used find the user requirements

QUESTIONS AND OPTIONS FOR ONLINE QUIZ

1) Do you think our college needs a ONLINE QUIZ application for students as well as staff?

(a)YES

(b)NO

2) Which type of Questions in Quiz are Appropriate?

(a)Multiple choice

(b)True/False

(c)Cloze Questions (fill in the blanks using pull down menus)

(d)Matching

3) Which type of Quiz is Appropriate?

(a)Simple static

(b)Database driven

(4) Do you think that a student management system should have following things?

(a) uploading/downloading files   (yes/no)

(b) audio/video   (yes/no)

(c) job link   (yes/no)

(d) contests   (yes/no)

SECONDARY RESEARCH :

SOFTWARE REQUIREMNT SPECIFICATION (SRS)

Based on these researches the following SRS document was prepared

Users of the Application : Anyone who surf the internet or anyone who visit this particular site.

Features of Application:

-learn about many different languages like C, C++, PHP, ASP etc.

-download free e-books.

-play online quiz on programming based questions.

-Comments.

-direct links for facebook , Youtube etc.

-Search option.

SYSTEM REQUIREMENTS

1. Hardware Requirements(Minimum)

CPU (SPEED)   :   INTEL Core 2 Duo

RAM   :   1GB

HARD DISK   :   4 GB

KEYBOARD   :   105 KEYS

2. Software Requirements

FRONT-END   :   MATERIALIZE CSS

BACK-END   :   MySQL

OS   :   WINDOWS

SERVER   :   LOCALHOST SEVER

Chapter 3

<u>DESIGN</u>

        The most important aspect of the project is its design phase. This chapter gives the overall design of the project. Initially when we execute, the output window will be displayed. Sequence of operations can take place based on the user's input.

Chapter 4

IMPLEMENTATION

Implementation is third phase of the project. In this phase the project inception review is done and the activity schedule is prepared. This chapter provides an insight of how the code has been developed with the help of pseudocode.

Chapter 5

SNAPSHOTS
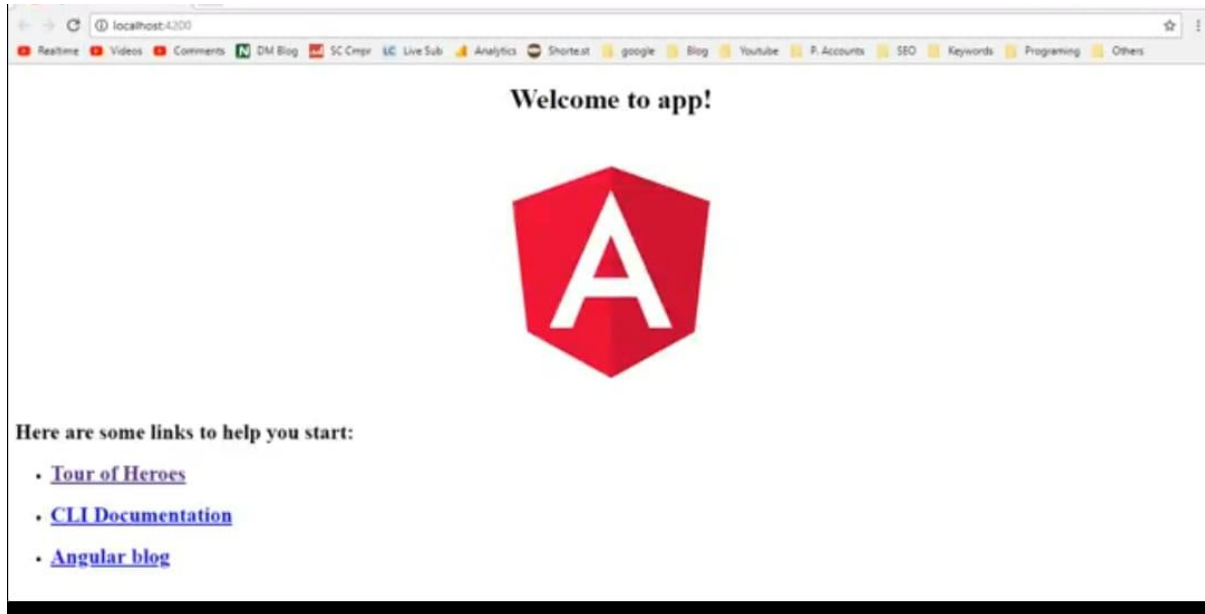
Fig 1:Create an Angular
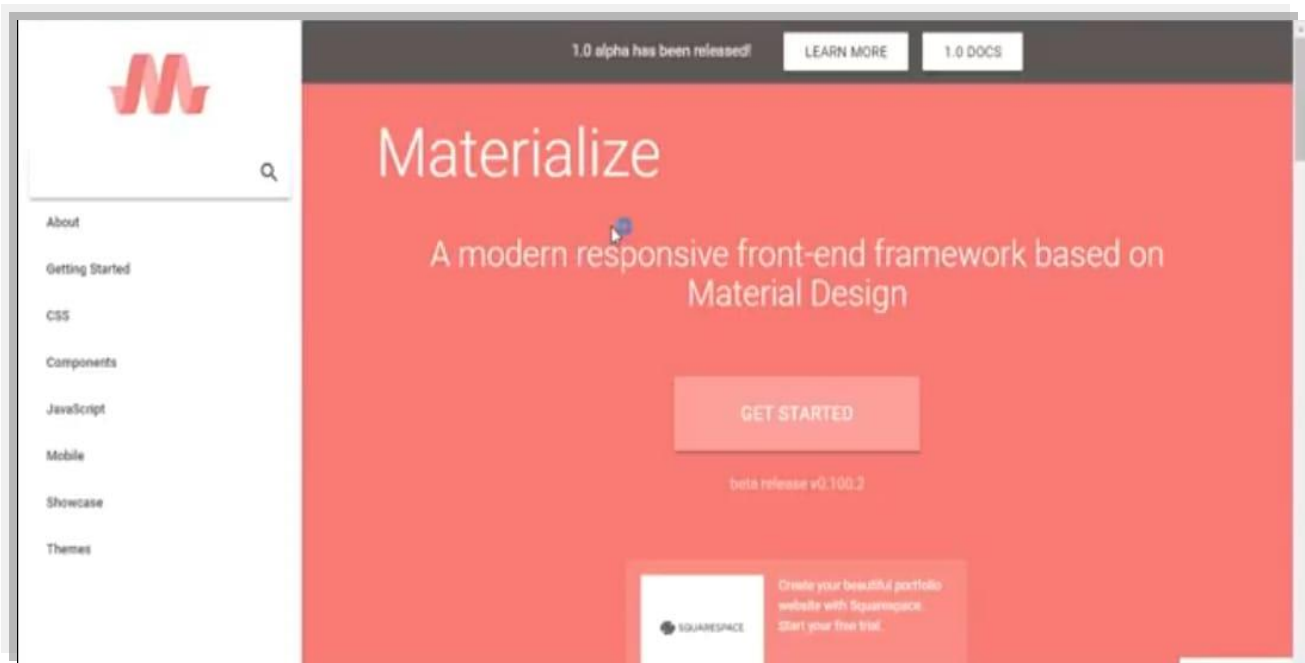
Fig 2:Template
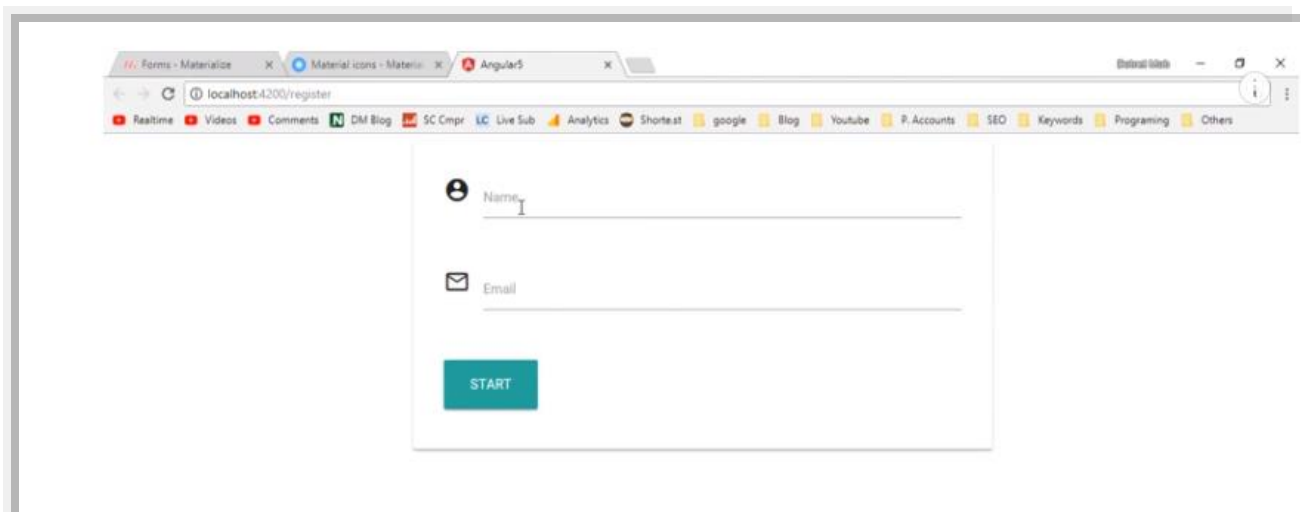
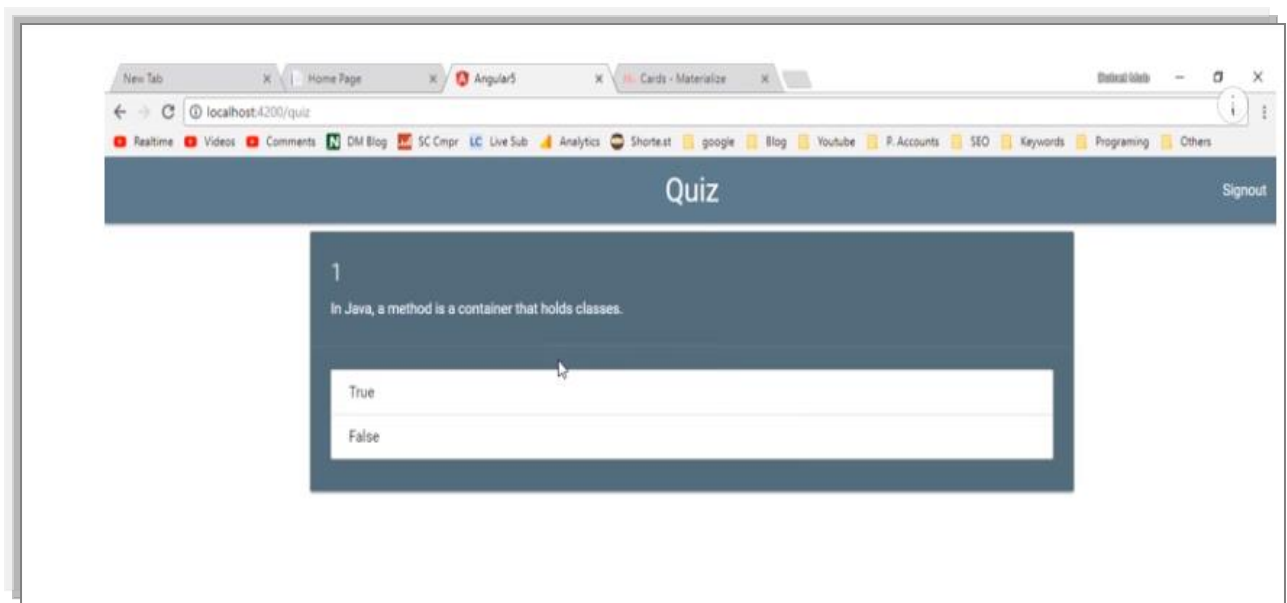**Fig 3:Initial Registration**
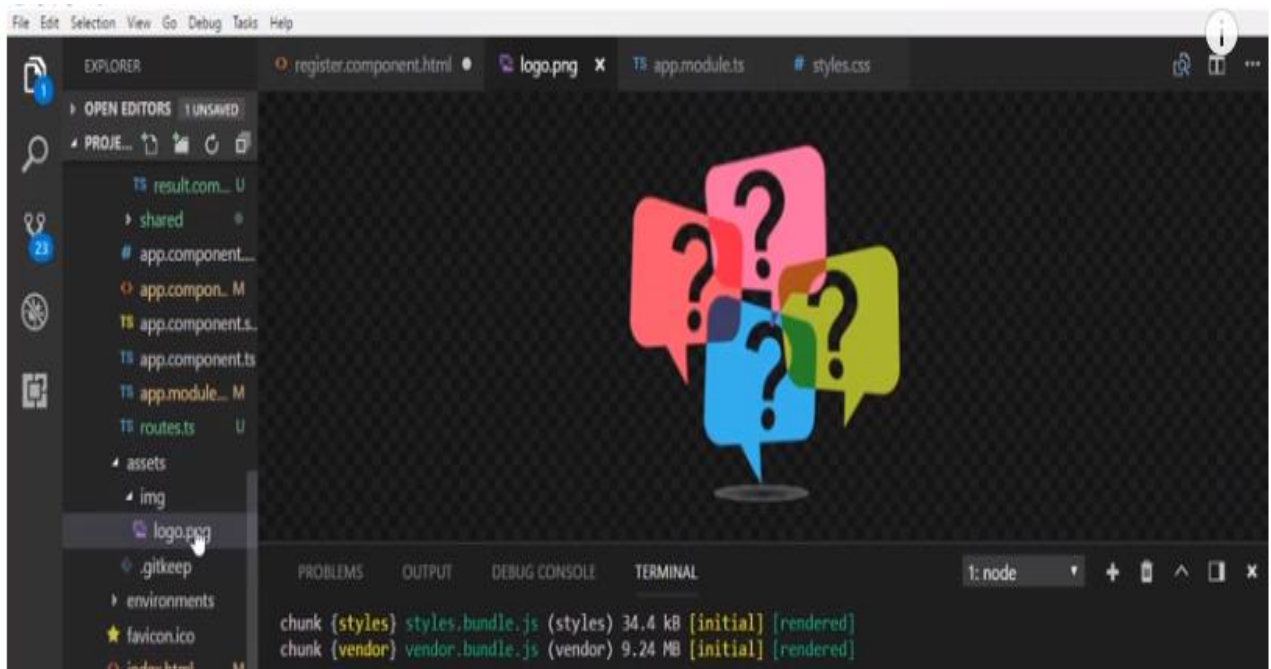
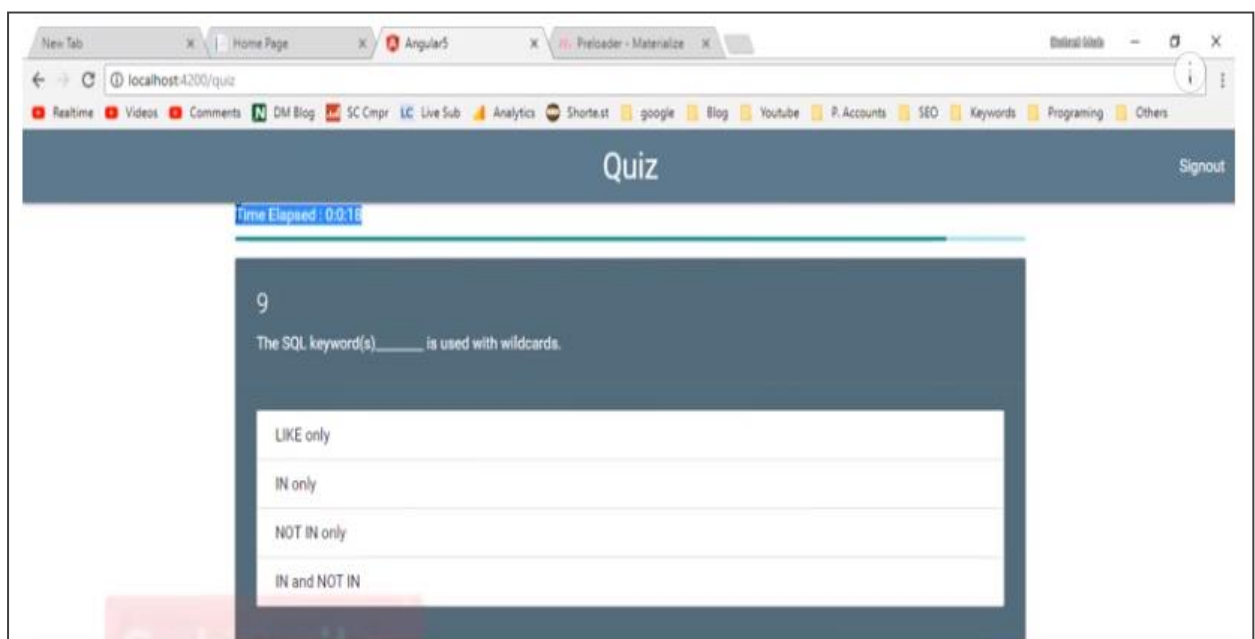Fig 4:Registration Icon
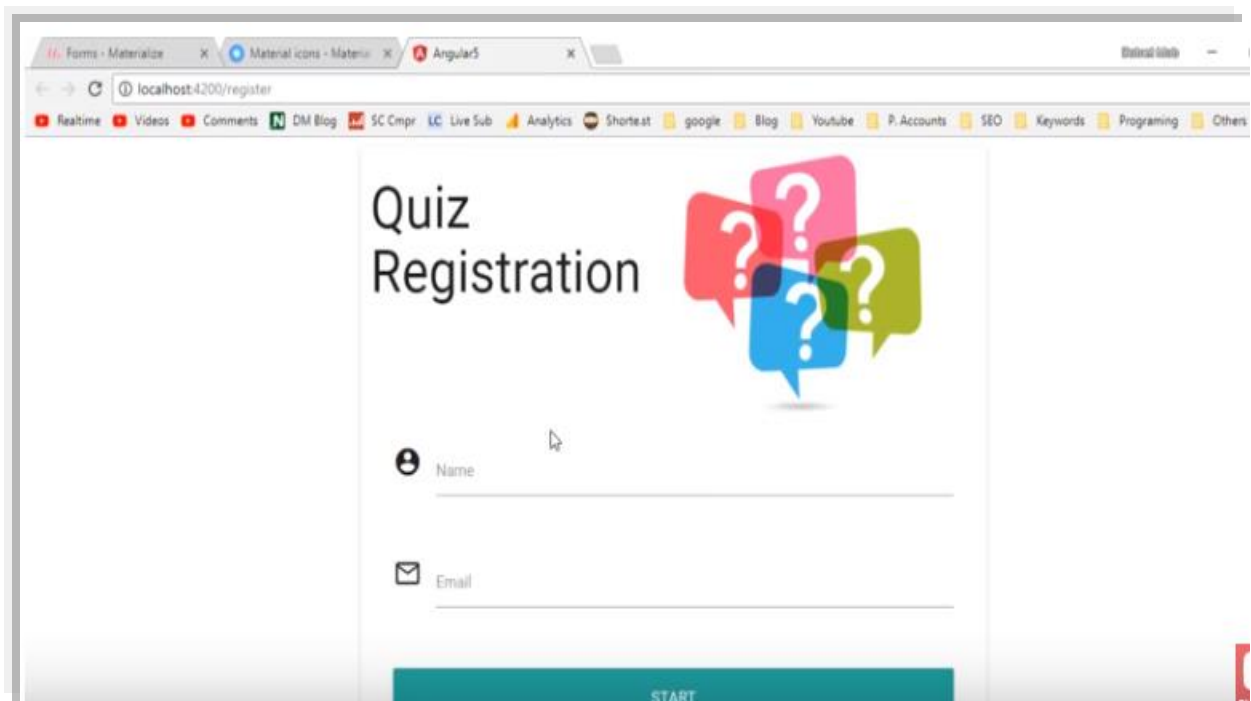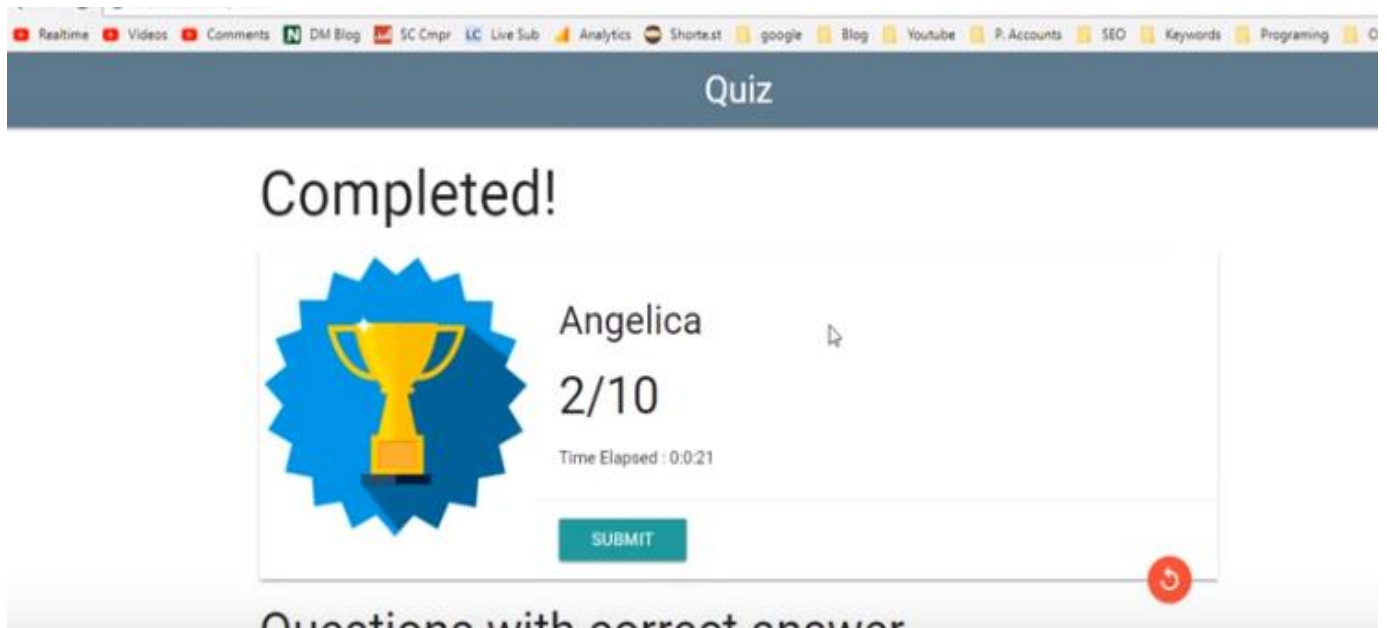

Fig 5:Registration
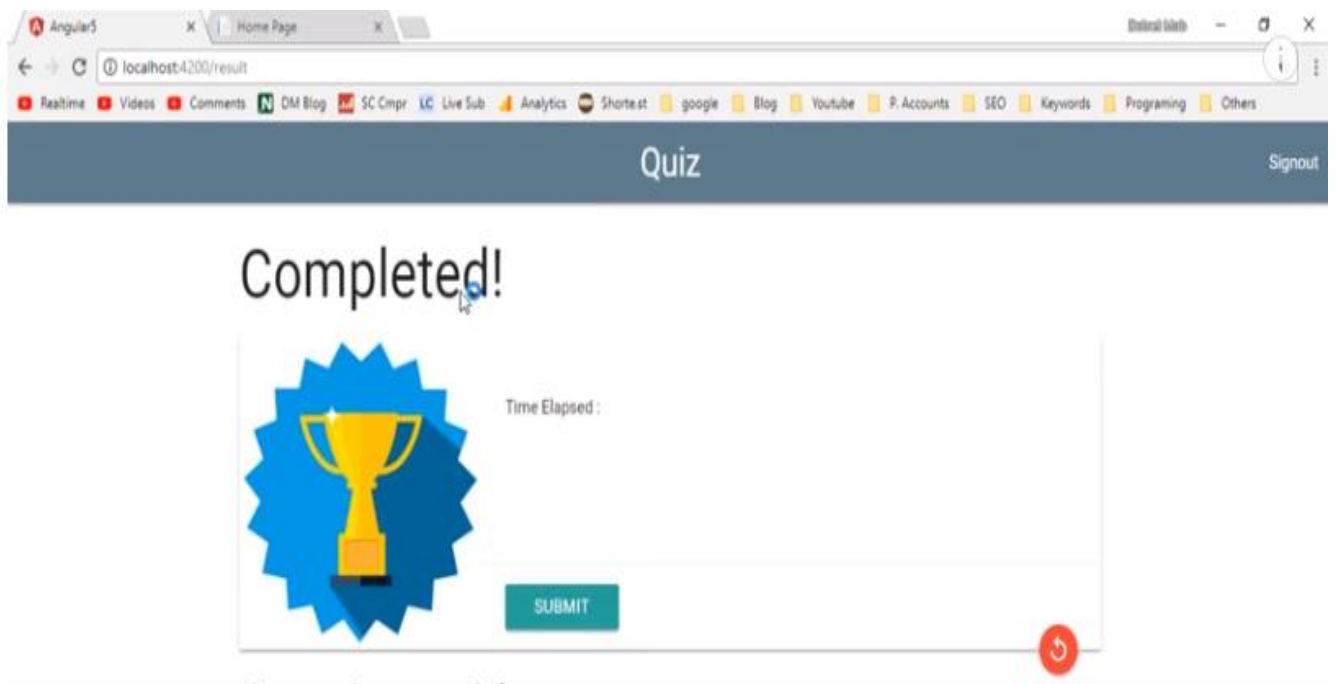
Fig 6:Quiz

Fig 7:Quiz with Time

Fig 8:Complete the Quiz

Fig 9:Restart the Quiz

CONCLUSION

The quiz app is developed using visual basic and sql fully meets the objectives of the system for which it has been developed.

The system operated at a high level of efficiency and user associated with the system understand its advantage.

The system solves the problem.it was intended to solve has requirement specification.

REFERANCE

- ❖ Best Angular Book from Amazon (Affiliate) : http://geni.us/5bZqU3 Download Project From :

- ❖ https://goo.gl/zJ4jQW Buy me a Coffee (Channel Support By Donation)

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