Mini Project II

(2020-2021)

Synopsis

Tech Assessment Portal

(Web Development)

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ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the synopsis of the B.Tech Mini Project (Tech Assessment Portal) undertaken during B.Tech IIIrd Year. This project in itself is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals.

We owe special debt of gratitude to Mr. Sharad Gupta Sir, Technical Trainer ,Department of CEA, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, thoroughness and perseverance is been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and co-operation.

ABSTRACT

Tech Assessment system is web-based assessment system that allows user to give online exams and quiz. The main goal of this system is to effectively evaluate student thoroughly through a totally automated system that not only reduces the required time but also obtain fast and accurate results.

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MOTIVATION

In today's era we all are aware about the need of **Self-assessment** as it can provide insight into students' true comprehension and can help to identify gaps in students' knowledge. Encouraging students to examine their own learning and levels of understanding can also be an **important** 'wake-up call', identifying areas that require improvement.

So putting Our efforts into this project named **"Tech Assessment Portal**".

PROBLEM STATEMENT

Q1.What we are creating?

We are creating "A Web-browser based Portal" named "**Tech Assessment Portal**".

Web-Browser based portal is an application that runs within the web browser via Internet without accessing the operating system of any individual computer. The advantage of browser-based applications is that they can run in Windows, Mac, or Linux machine.

Q2.What is our idea about?

In today's era, we all are aware of the need of self - assessment. However we the people are so busy in our own lives, we forget and sometimes ignore that *the world beyond us exists.*

One solution to this is **Self- Assessment.**

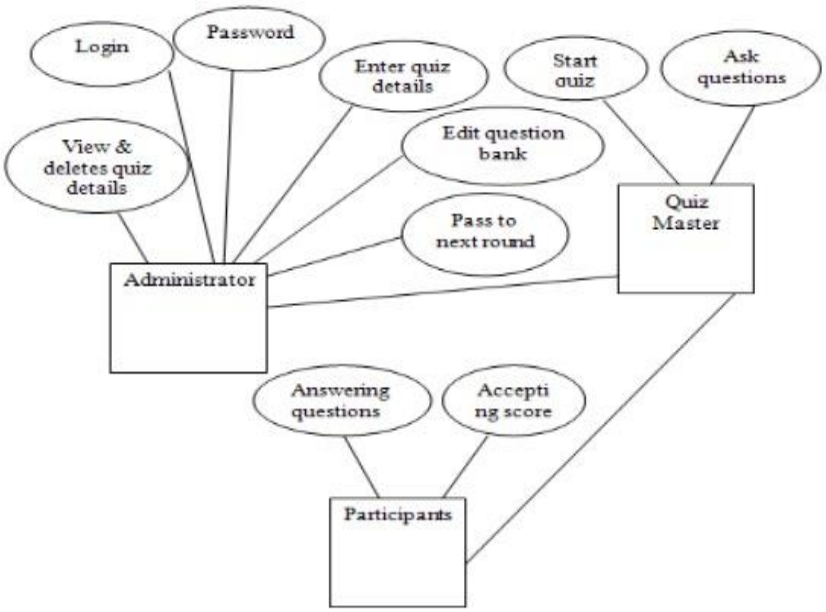
A self-assessment is not a test. It does not have the desired outcome, for example, right or wrong answers that would demonstrate the mastery of a subject. It is a way to learn about yourself by gathering data that includes information about your work-related values, interests, personality type, and aptitudes. Your goal will be to find occupations that are suitable based on the results. Of course, there are other factors that you will have to weigh when making a final decision, but that will happen during the next step of the process—career exploration.

So putting our efforts into this application, we are going to create Tech Assessment Portal .In that, we will be creating our front-end using Html , CSS, Boot Strap and in backend we are using Php.

Q3. Has the idea/project been implemented by someone else in the past?

Yes, this Tech Assessment Portal has already been created and implemented in today's world . One such example is Quizizzs.com and, many more

E-R Diagrams



SOFTWARE REQUIREMENT SPECIFICATION(SRS)

Hardware requirements

In hardware requirement, we require all those components which will provide us the platform for the development of the project. The minimum hardware required for the development of this project is as follows-

RAM - a minimum of 128 MB

Hard disk- minimum 4GB

Processor - core i3

These all are the minimum hardware required for our project. We want to make our project to be used in any type of computer therefore, we have taken a minimum configuration to a large extent. 128 MB ram is used so that we can execute our project in the least possible ram. 500 GB hard disk is used because the project takes less space to be executed or stored. Therefore minimum hard disk is used.

Software requirements

The software can be defined as a program that runs on our computer. It acts as petrol in the vehicle. It provides the relationship between the human and computer. Various software is needed in this project for its development.

Which are as follows-

Operating system- Windows10

Others- Visual Studio Code

TECHNOLOGY USED

CSS

CSS is used for styling the Webpages. CSS is of three types i.e. internal CSS, external CSS, inline CSS. It describes how Html elements are to be displayed on the screen. It involves many designing for the bare Mark-up to create it attractive.

HTML

The first version of Html was written by Tim Berners-Lee in 1993. Since then, there have been many different versions of Html. We are using Html 5 in our project.

Html is a programming language used to describe the structure of information on a webpage.

BootStrap

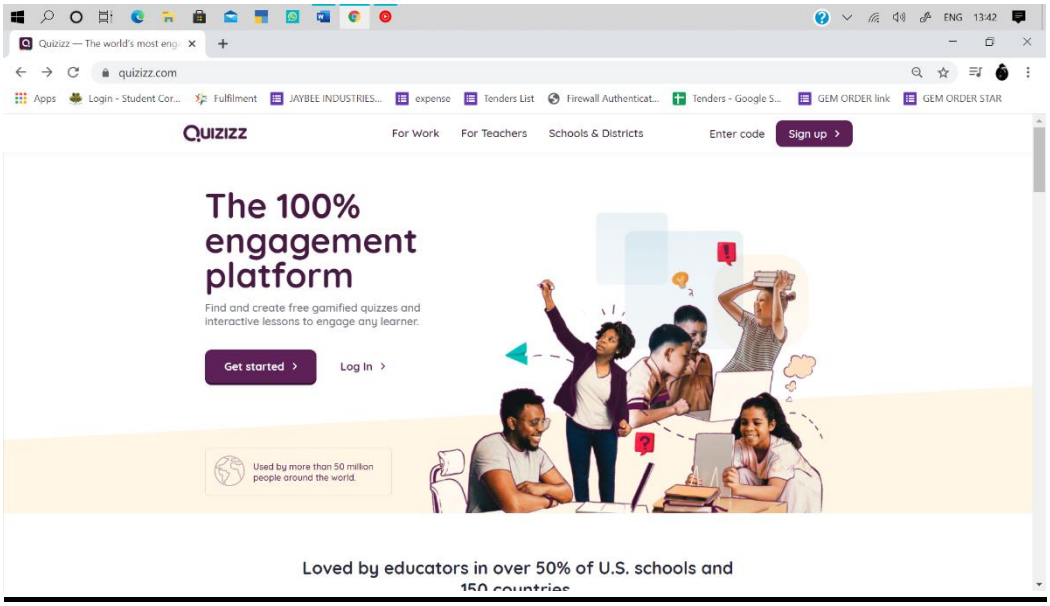
Bootstrap is the most popular CSS Framework for developing responsive and mobile-first websites.

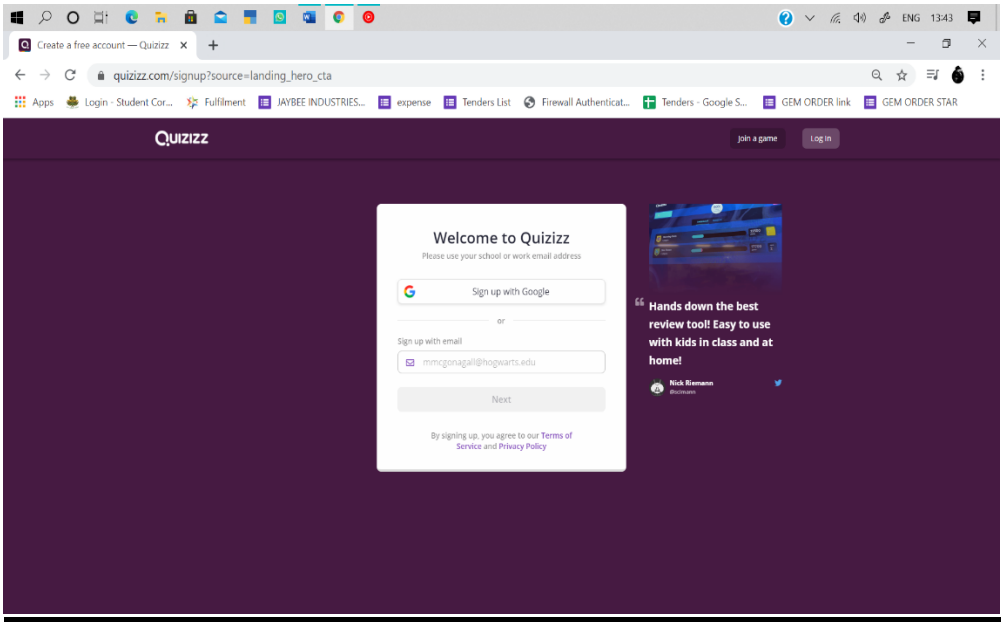
Bootstrap 4 is the newest version of Bootstrap

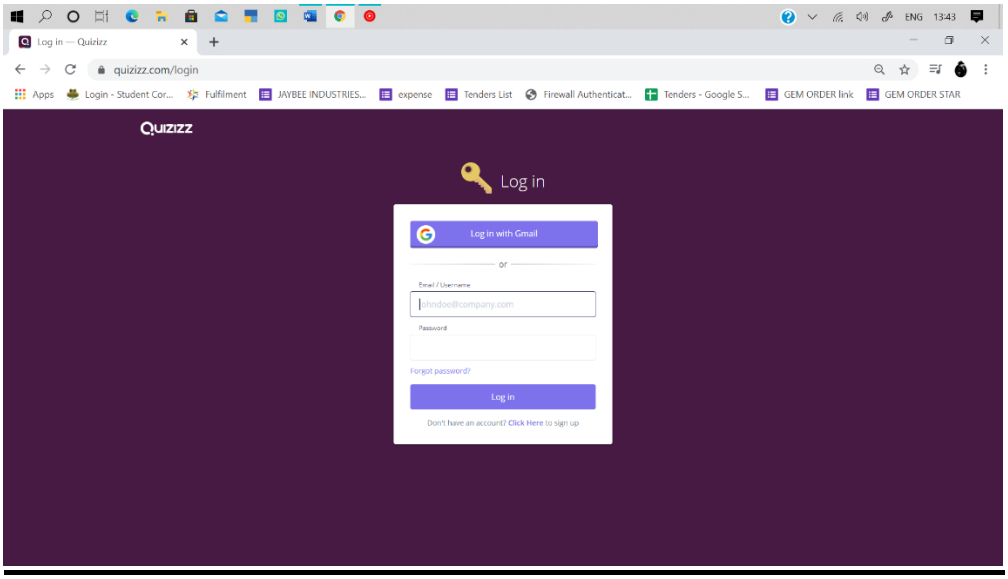
PHP

PHP is an acronym for "PHP: Hypertext Pre processor".It is a widely-used, open source scripting language. PHP scripts are executed on the server. It is free to download and use.

SAMPLE LAYOUT



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or
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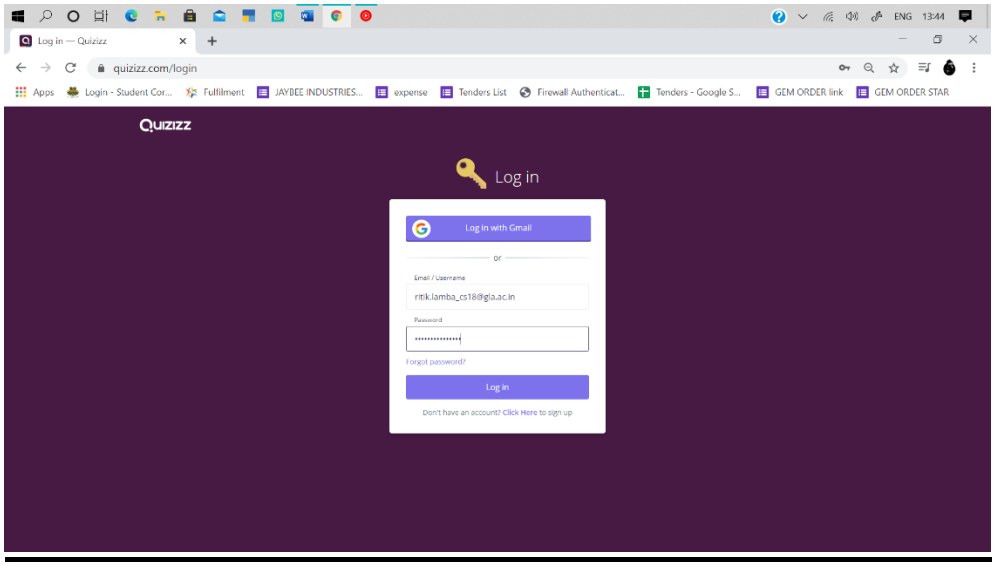
Don't have an account? Click Here to sign up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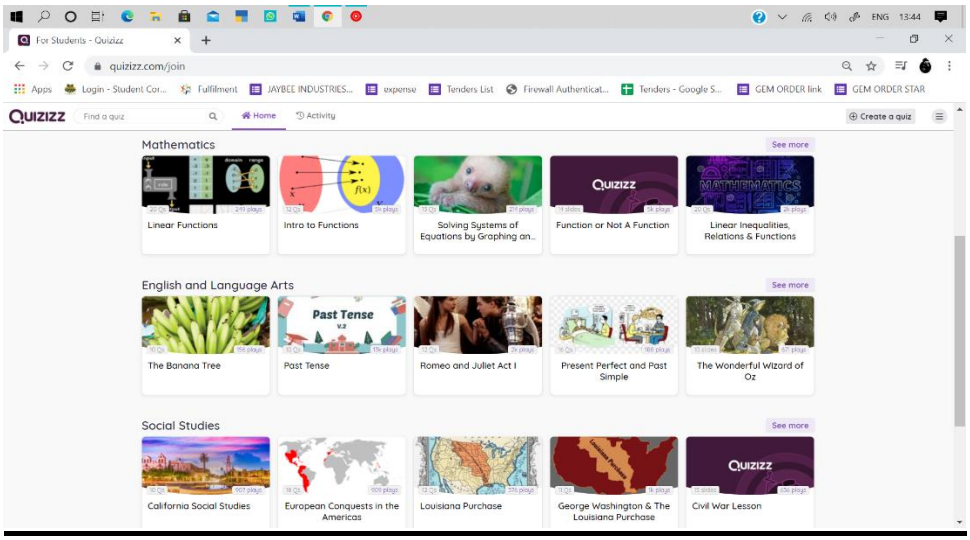
Don't have an account? Click Here to sign up


For Students - Quizizz
quizizz.com/join
Quizizz
Home
Activity
Create a quiz
Mathematics
See more
Linear Functions
Intro to Functions
Solving Systems of Equations by Graphing an..
Function or Not A Function
Linear Inequalities, Relations & Functions
English and Language Arts
See more
The Banana Tree
Past Tense
Romeo and Juliet Act I
Present Perfect and Past Simple
The Wonderful Wizard of Oz
Social Studies
See more
California Social Studies
European Conquests in the Americas
Louisiana Purchase
George Washington & The Louisiana Purchase
Civil War Lesson

FUTURE/ EXTENSION SCOPE

In the extension of the "Tech Assesment Portal", we would be adding some modules into it.

Some of the modules are enlisted below:

- **Attendance Portal:** This module will keep the record of the students by marking them present or absent. This would tell us the punctuality of students.

- **Practice Set** :- In this Module we can upload The practise problems so that student gets the idea of the questions. And with the help of that set he/she can prepare themselves.

- **Course Content** :- We can provide the course content before the exam .

References

- www.goggle.com
- www.w3school.com
- www.youtube.com
- www.javatpoint.com

Faculty Guidelines

- **Mr. Sharad Gupta**
  (Technical Trainer ,GLA University)