

INTELLIQUIZ

PROJECT REPORT

*Submitted in fulfilment for the J-Component of ITE1008 – Open Source
Programming*

CAL COURSE

in

B.Tech. (Information Technology)

by

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(Deemed to be University under section 3 of UGC Act, 1956)

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ABSTRACT

The ONLINE QUIZ AND CONTEST MANAGEMENT SYSTEM is a web application to take online quiz in an efficient manner with no wasting of time for checking the paper. Teachers give papers to students according to their convenience and time and there is no need of using extra things like paper, pen etc. This can be used in educational institutions as well as in corporate world. There is no restriction that examiner has to be present when the candidate takes the test. This Web Application provides facility to conduct online examination worldwide. It is automatically generated by the server. Administrator has a privilege to create, modify and delete account for teachers. The main objective of ONLINE QUIZ AND CONTEST MANAGEMENT SYSTEM is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results. It saves time as it allows number of students to give the exam at a time and displays the results as the test gets over, so no need to wait for the result.

INTRODUCTION

Online Quiz are an important method of evaluating the success potential of students. This research effort the individuals under consideration were students who would be enrolling in computer courses or Technologies Registrations. A prototype of a web-based placement Quiz system is described from the standpoint of the research effort, end user, and software development. Class Marker's secure, professional web-based Quiz maker is an easy-to-use, customizable online testing solution for business, training & educational assessment with Test & Quizzes graded instantly saving your hours of paperwork.

WHAT ARE WE EXPECTING TO ACHIEVE?

The Main Objective of Online Quiz is User-friendly systems are not only needed for the creator, but also for participants. A responsive design is an approach where the web designer wants to reach an optimal web experience for a wide range of devices. Multiple choice is the options you can use with our online Quiz system. Having more than one option is necessary to check several types of knowledge. Auto quiz publish, login with username and password. Automatically check answers and give the result to the students.

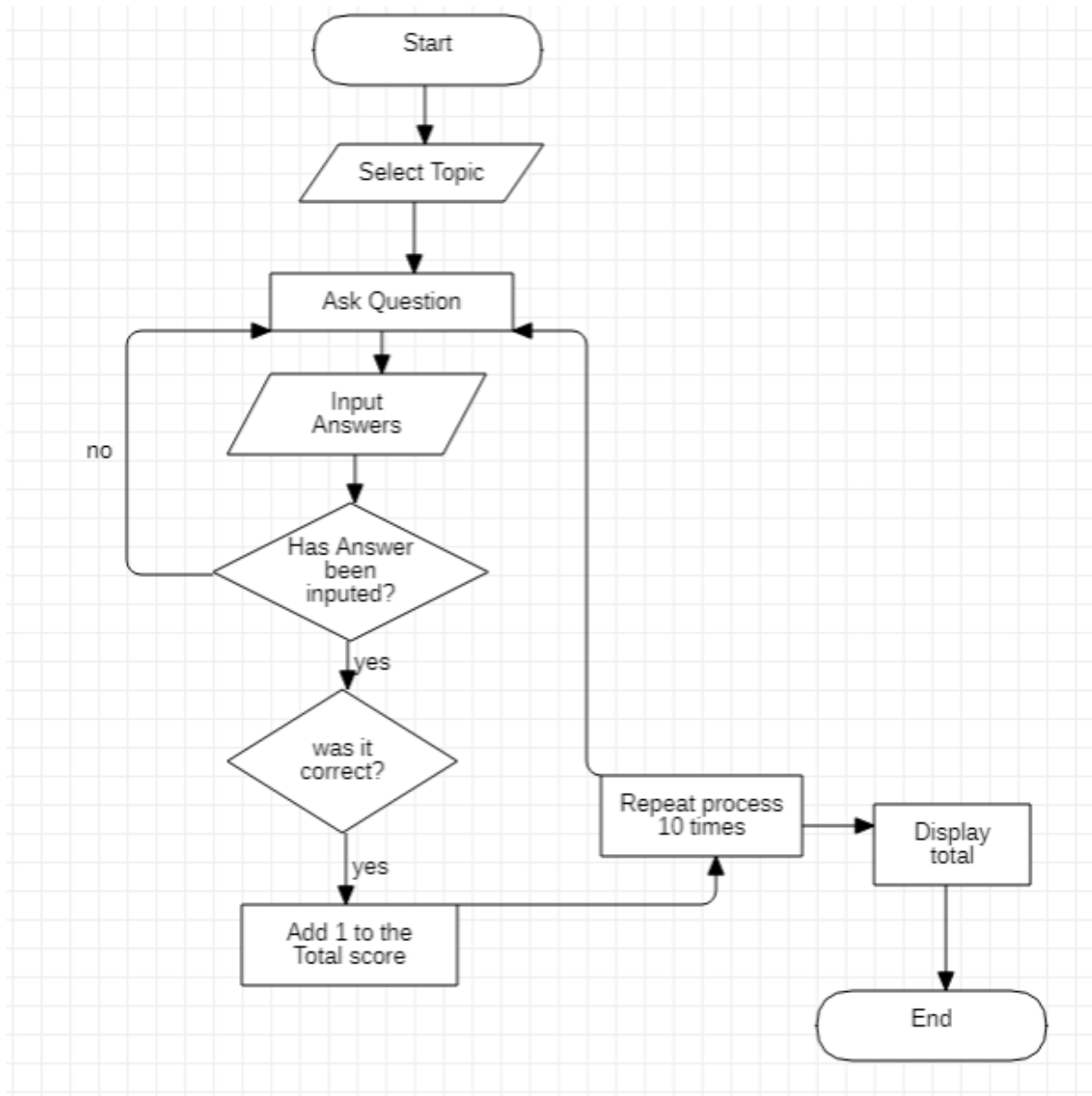
PROBLEM STATEMENT

As currently whole world is suffering from **COVID-19** outbreak so we decided to built an application that will help teachers as well as students during these times. QUIZ SYSTEM is a software developed especially taking the pandemic situation into consideration as most of the educational institutions are conducting online classes so this application help teachers in easy evaluation and also monitor each students progress. Teachers can assign the quiz to students after every class to know if the students are able to understand or not in the virtual classes.

Quiz System is accessed by entering the username and e-mail id which is added to the database. If the answer is correct, score is incremented and there can be negative marks for wrong answers. Final score will be displayed and updated in the database with username. The Main Objective of Online Quiz is User-friendly systems are not only needed for the creator, but also for participants. A responsive design is an approach where the web designer wants to reach an optimal web experience for a wide range of devices. Multiple choice is the options you can use with our online Quiz system. Having more than one option is necessary to check several types of knowledge. Auto quiz publish, log in with username and password.

Automatically check answers and give the result to the students.

PROCESS FLOW DIAGRAM



MODULES

This project involves following phases

- 1.Administrator
- 2.Student

After Administrator Login

Add Quiz
Users
Remove Quiz
Ranking

After Students Login

Topic
Total Marks
History
Ranking

Administrator:

(i)AUTHENTICATION PHASE:

This proposed system is completely authenticated in order to enhance security and corruptions of database as well as the software. A person is given access permission to this system when he/she has got a valid username and password i.e. the administrator. Hence this authentication module includes two fields where administrator (programmer) is asked to enter the username and password. The details include:

1. Username
2. Password

(ii)REGISTRATION PHASE:

If an existing user then he can enter into the system, using his valid username and password. If the participant is a new one then he has to fill the registration form. Now valid username and password will assign to the user. Using that he can enter into the system.

(iii)VIEW RANK:

This phase contains the administrator or the teachers to view the ranks of the students.

(iv)DELETE USER:

This phase contains the administrator or the teachers to delete the users if anyone tries to create fake profile or do malpractice.

(v)QUESTION GENERATION PHASE:

This phase includes the various categorized question generation. In this phase the administrator can perform add, modify, delete, move_next, move_previous, clear_all operation. This phase

may be the most important phase in proposed system, because it is the one where the entire system gets the categorized question.

(vi)REPORT GENERATION PHASE:

This phase contains various report generation related to our system such as Administrator report, Participant report, Rank etc. the report gives the overall view about our system.

Participant:

(i)AUTHENTICATION PHASE:

This proposed system is completely authenticated in order to enhance security and corruptions of database as well as the software. A person is given access permission to this system when he/she has got a valid username and password. Hence this authentication module includes two fields where participant is asked to enter their username and password. The details include:

1. Username
2. Password

(ii)REGISTRATION PHASE:

If the participant is an existing user then he can enter into the system, using his valid username and password.

If the participant is a new one then he has to fill the registration form. Now valid username and password will assign to the user. Using that he can enter into the system.

(iii)QUESTION BANK PHASE:

This phase provides the students a set of multiple-choice questions and a set of answers below the specific question. Once after the current question has been answered it automatically makes a move to the second question with their corresponding answers.

This module is provided with four fields:

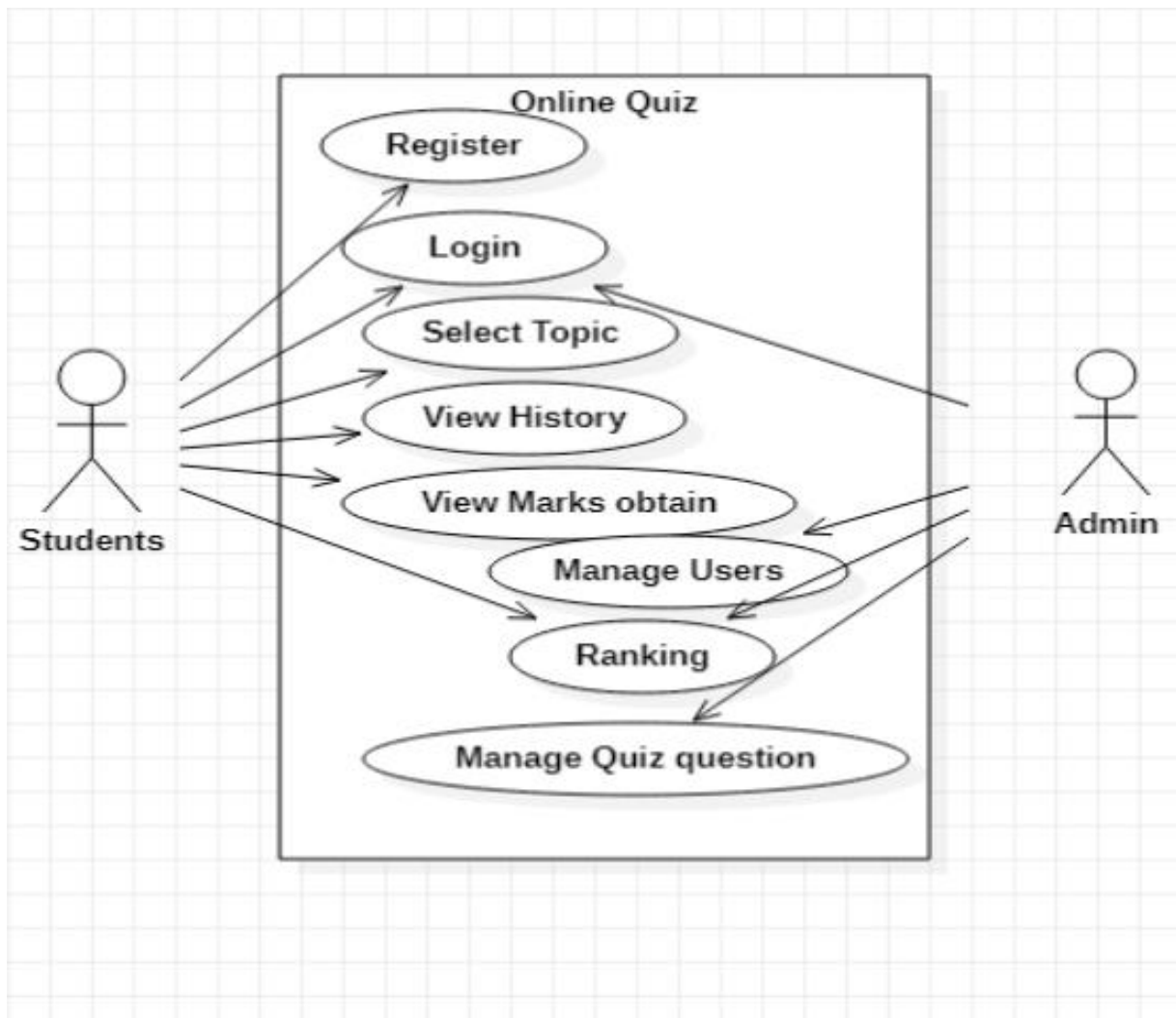
1. Question number
2. Option 1
3. Option 2
4. Option 3
5. Option 4

(iv)RESULT GENERATION PHASE:

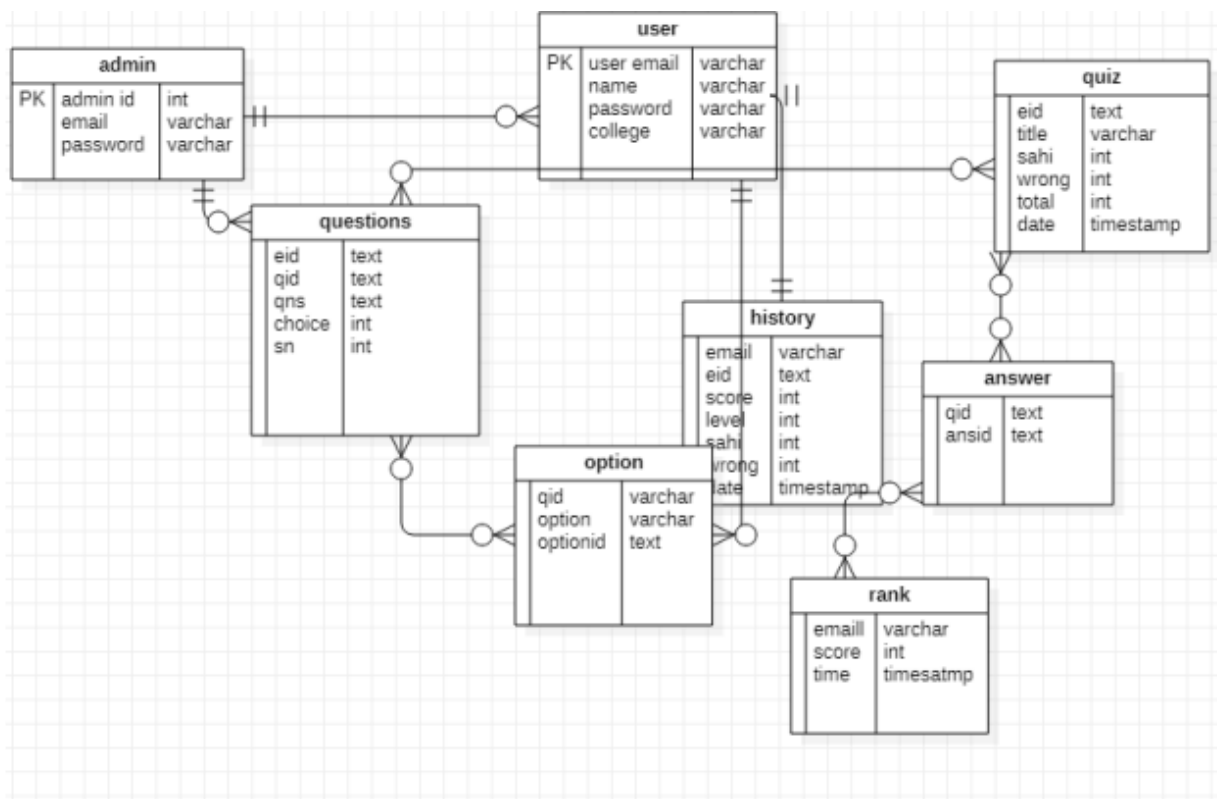
The result of the corresponding student is generated based on his, her performance in the test. The result is generated at the end of the quiz. The result is generated with the help of following field:

1. Username
2. Category
3. Mark

USECASE DIAGRAM




ER DIAGRAM




DATABASE DESIGN

Admin

#	Name	Type
1	admin_id 	int(11)
2	email	varchar(50)
3	password	varchar(500)

User

#	Name	Type
1	name	varchar(50)
2	college	varchar(100)
3	email 	varchar(50)
4	password	varchar(50)

Quiz

#	Name	Type
1	eid	text
2	title	varchar(100)
3	correct	int(11)
4	wrong	int(11)
5	total	int(11)
6	date	timestamp

Question

#	Name	Type
1	eid	text
2	qid	text
3	qns	text
4	choice	int(10)
5	sn	int(11)

Answer

#	Name	Type
1	qid	text
2	ansid	text

Rank

#	Name	Type
1	email	varchar(50)
2	score	int(11)
3	time	timestamp

History

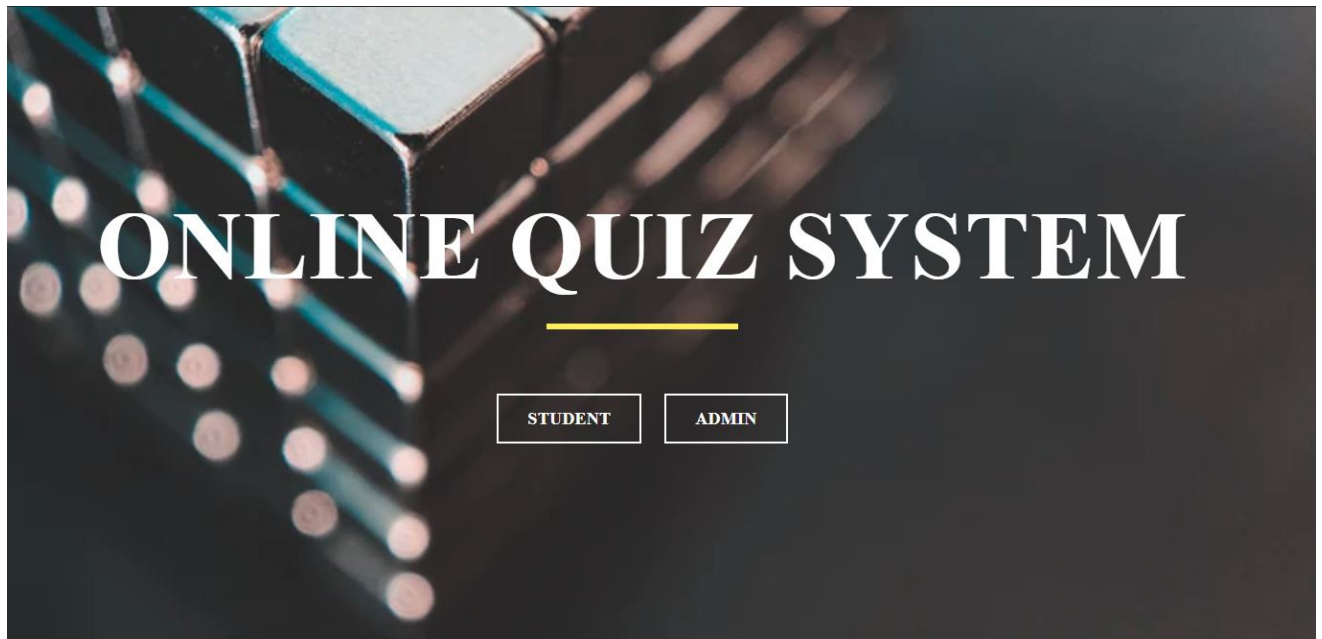
#	Name	Type
1	email	varchar(50)
2	eid	text
3	score	int(11)
4	level	int(11)
5	correct	int(11)
6	wrong	int(11)
7	date	timestamp

CONCLUSION

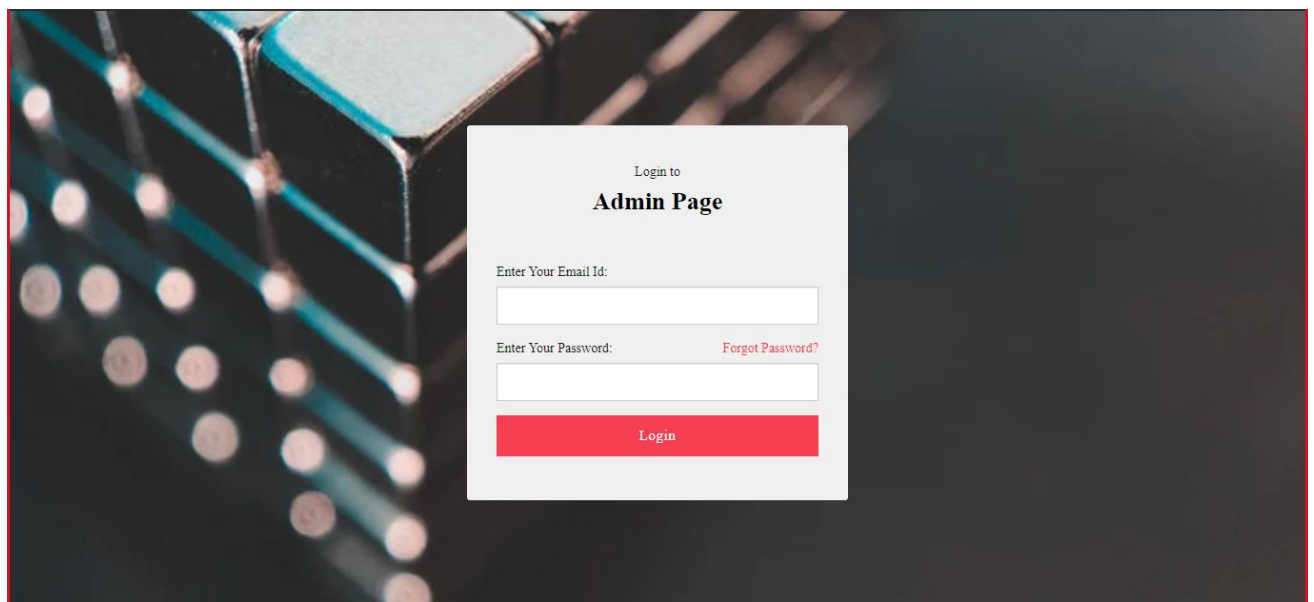
This online quiz system provides facility to conduct online examination worldwide. It saves time as it allows number of students to give the exam at a time and displays the results as the test gets over, so no need to wait for the result. It is automatically generated by the server. Administrator has a privilege to create, modify and delete the test papers and its particular questions. User can register, login and give the test with his specific id, and can see the results as well. Engage audience in a unique and fun way and connect them to brand or learning material. Taking online quizzes makes it possible to have a large number of participants. It is significant more easy to randomize your question with just one click than to do it all manually. Another plus of online quizzes is getting immediate results from your participants. Not only does the creator get the results, the participant itself is also possible to get his or her results. There are several ways to gain more brand awareness. It's possible to show one question at the time with online quizzes. People are not able to skip a question, because you will get a reminder that you can't leave the answer blank.

SNAPSHOTS

HOME PAGE



ADMIN PAGE



Online Quiz System Home **User** Ranking Add Quiz Remove Quiz [Log out](#)

S.N.	Name	College	Email	Action
1	Kritika Garg	vit	gargkritika1200@gmail.com	
2	harshit	vit	harshit@gmail.com	
3	taksh	vit	taksh@gmail.com	
4	yatharth	vit	yatharth@gmail.com	

Online Quiz System Home User **Ranking** Add Quiz Remove Quiz [Log out](#)

Rank	Name	Score
1	yatharth@gmail.com	13
2	taksh@gmail.com	1
3	gargkritika1200@gmail.com	-2

Online Quiz System Home User Ranking **Add Quiz** Remove Quiz [Log out](#)

Enter Quiz Details

Online Quiz System

Home

User

Ranking

Add Quiz

Remove Quiz

Log out

S.N.	Topic	Total question	Marks	Action
1	Cricket	2	2	<div><div></div>Remove</div>
2	Technical Mcq	2	4	<div><div></div>Remove</div>
3	Qwerty	2	2	<div><div></div>Remove</div>
4	Qwerty	2	2	<div><div></div>Remove</div>
5	Abc	1	2	<div><div></div>Remove</div>

STUDENT PAGE

Login to

Online Quiz System

Enter Your Email Id:

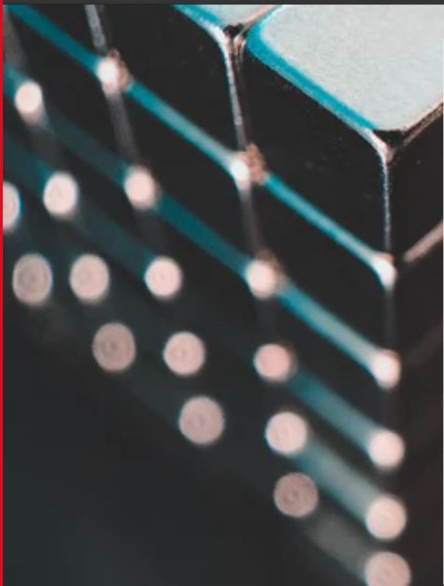
Enter Your Password:

Forgot Password?

Login

Don't have an account?

Register Here..



Register to

Online Quiz System

Enter Your Username:

Enter Your Email Id:

Enter Your Password:

Enter Your College Name:

[Register](#)

Already have an account! [Login Here..](#)

Online Quiz System					Home	History	Ranking	Log out
S.N.	Topic	Total question	Marks	Action				
1	Cricket ✓	2	2	Restart				
2	Technical Mcq ✓	2	4	Restart				
3	Qwerty ✓	2	2	Restart				
4	Qwerty ✓	2	2	Restart				
5	Abc ✓	1	2	Restart				

Online Quiz System

Home

History

Ranking

Log out

S.N.	Quiz	Question Solved	Right	Wrong	Score
1	Cricket	2	2	0	2
2	Technical Mcq	2	0	2	-2
3	Qwerty	2	0	2	0
4	Abc	1	0	1	0
5	Qwerty	1	0	1	0

Online Quiz System

Home

History

Ranking

Log out

Rank	Name	Email	Score
1	yatharth	yatharth@gmail.com	13
2	taksh	taksh@gmail.com	1
3	Kritika Garg	gargkritika1200@gmail.com	-2

SOURCE CODE

Index.php

```
<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>| INTELLIQUIZ |</title>

    <link rel="stylesheet" type="text/css" href="css/index.css" />

    <style type="text/css">

      body {

        width: 100%;

        background: url(https://images.unsplash.com/photo-1579136123055-f21987065558?ixlib=rb-1.2.1&ixid=eyJhcHBfaWQiOjEyMDd9&auto=format&fit=crop&w=667&q=80) ;

        background-position: center center;

        background-repeat: no-repeat;

        background-attachment: fixed;

        background-size: cover;

      }

    </style>

  </head>

  <body>

    <center>

      <div class="intro">

        <h1> Intelliquiz </h1>

        <a href="login.php" class="btn">Student</a> &emsp;

        <a href="admin.php" class="btn">Admin</a>

      </div>

    </center>

  </body>

</html>
```

```
        </div>

    </center>

</body>

</html>
```

Index.css

```
body { line-height: 1; margin: auto; padding: auto; }

html, body { width: 100%; height: 100%; overflow: hidden; }

a:link { text-decoration: none; }

.intro { position: absolute; left: 0; top: 20%; padding: 0 20px; width: 100%; text-align: center; }

h1 {

    color: #fff;

    text-transform: uppercase;

    font-size: 100px;

    font-weight: 700;

    letter-spacing: 0.015em;

}

h1::after {

    content: ";

    width: 200px;

    display: block;

    background: #ffee58;

    height: 6px;

    margin: 30px auto;

    line-height: 1.1;

}

.btn {

    display: inline-block;

    padding: 15px 30px;
```

```

border: 2px solid #fff;

text-transform: uppercase;

letter-spacing: 0.015em;

font-size: 18px;

font-weight: 600;

line-height: 1;

color: #fff;

text-decoration: none;

-webkit-transition: all 0.4s;

-moz-transition: all 0.4s;

-o-transition: all 0.4s;

transition: all 0.4s;
}

.btn:hover {

color: #000;

border-color: #fff;

background-color: #607d8b;
}

h2 {

color: #ffd600;

text-transform: uppercase;

font-size: 35px;

font-weight: 700;

letter-spacing: 0.015em;
}

@media only screen and (max-width: 1000px) {

h1 {

```

```
    font-size: 70px;
  }
}

@media only screen and (max-width: 800px) {
  h1 {
    font-size: 48px;
  }
  h1::after {
    height: 8px;
  }
}

@media only screen and (max-width: 550px) {
  .btn {
    display: inline-block;
    padding: 5px 15px;
    border: 2px solid #fff;
    text-transform: uppercase;
    letter-spacing: 0.009em;
    font-size: 13px;
    font-weight: 400;
    line-height: 1;
    color: #fff;
    text-decoration: none;
    -webkit-transition: all 0.4s;
    -moz-transition: all 0.4s;
    -o-transition: all 0.4s;
    transition: all 0.4s;
  }
}
```

```
}  
}
```

```
@media only screen and (max-width: 430px) {  
  .btn {  
    display: inline-block;  
    padding: 5px 10px;  
    border: 1px solid #fff;  
    text-transform: uppercase;  
    letter-spacing: 0.005em;  
    font-size: 10px;  
    font-weight: 400;  
    line-height: 1;  
    color: #fff;  
    text-decoration: none;  
    -webkit-transition: all 0.4s;  
    -moz-transition: all 0.4s;  
    -o-transition: all 0.4s;  
    transition: all 0.4s;  
  }  
}
```

```
@media only screen and (max-width: 568px) {  
  .intro {  
    padding: 0 10px;  
  }  
  h1 {  
    font-size: 30px;  
  }  
}
```

```
}  
h1::after {  
    height: 6px;  
}  
p {  
    font-size: 18px;  
}  
.btn {  
    font-size: 16px;  
}  
}  
  
@media only screen and (max-width: 320px) {  
    h1 {  
        font-size: 28px;  
    }  
    h1::after {  
        height: 4px;  
    }  
}
```

GITHUB LINK

<https://github.com/JayakumarClassroom/fs20-ite1008-b2-project-quiz-system>