ONLINE QUIZ SYSTEM

INTERNET WEB PROGRAMMING (CSE3002)

PROJECT COMPONENT

(Final Report)

Submitted by

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Submitted To

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FALL SEMESTER, 2019-2020

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1. INTRODUCTION

Problem Statement:

To develop a website that would full fill the requirement of instructor and student for conducting and attempting the quiz more efficiently.

Today many online quizzes are set up to actually test knowledge or identify a person's attributes. Some companies use online quizzes as an efficient way of testing a potential hire's knowledge without that candidate needing to travel. Online quizzes are a popular form of entertainment for web surfers. Online quizzes are generally free to play and for entertainment purposes only though some online quiz websites offer prizes. Websites feature online quizzes on many subjects.

2. PROJECT SCOPE

List all the various functionalities that will be available in your website.

Online Quiz System will do following processes
a. Any member can register.
b. Only registered member views the quiz.
c. There are two roles available: Student and Instructor.
d. User can view and participate in quiz.
e. An Instructor has some extra privilege including all privilege of visitor and user. Instructor can add quiz, edit information and add/remove the info.
f. Student can send feedback for the quiz.
g. User can upload profile picture.
h. User can change Profile Information.
i. User can delete their account.
j. Notice is also available for users.

3. PRELIMINARY DESIGN

Work Flow diagram – various pages
and functionalities
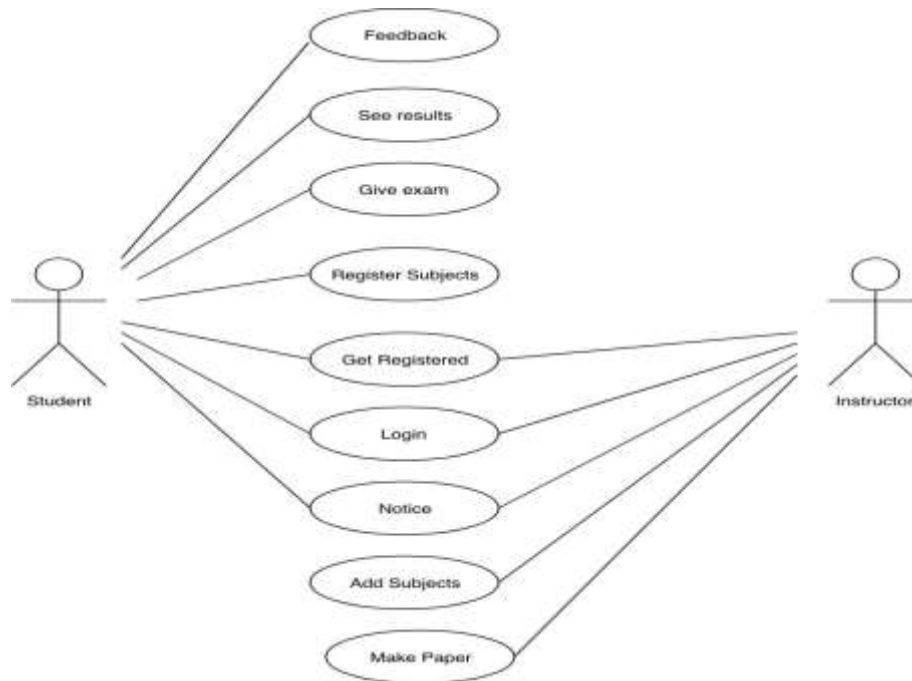
Instructor:

To create Quiz:
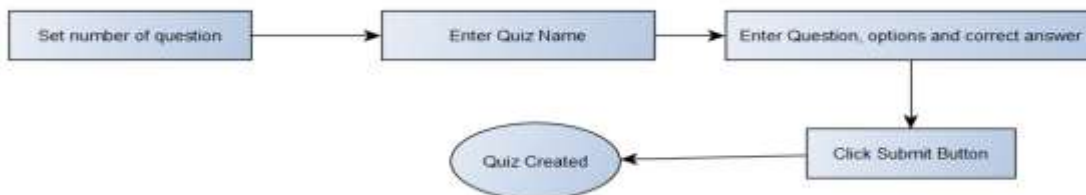
To view Result
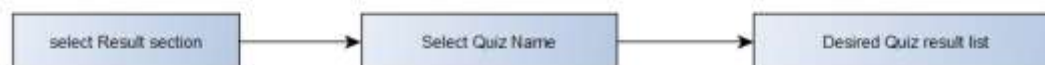
STUDENT SIDE:
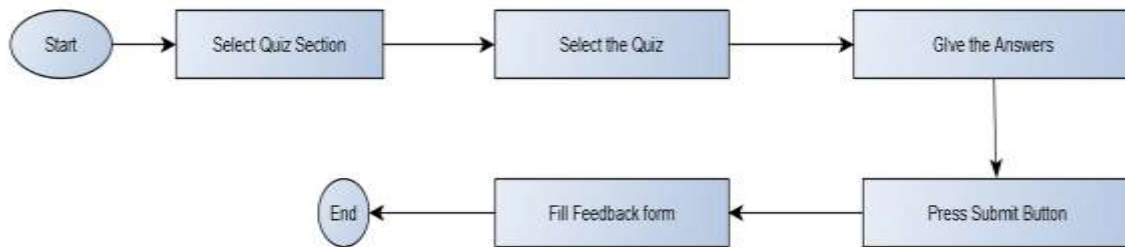
4. TEAM DETAILS

Name	Registration Number	Phone Number
SAURABH AMBAR	17BCI0058	8002224316
RAM PRASAD	17BCI0062	8142879976
KUMAR ABHISHEK	17BCI0145	8825215397
VISHAL SAINI	17BCI0188	8076331603

5. PROJECT RESOURCE REQUIREMENTS

5.1 Software Resource Requirements:

- HTML
- CSS
- Javascript
- Mysql
- Php

6. HOME PAGE

Home   Instructor   User   Notice   Exam   SignUp   SignIn

Online Quiz System

Welcome to Online Test

Online Exam means the candidate sits in front of a computer at the examination centre and the questions are presented on the computer monitor and the candidate answers the questions on the computer through the use of mouse. Unlike the traditional paper-pencil based test which is generally offered over a period of time and the candidate can choose the Center, the Day and Time of his/her convenience to take the test.

Purpose

Online Exam System fulfills the requirement of the institute to conduct the exams online. They do not have to go to any software developer to make a separate site for being able to conduct exams online. They just have to register on the site and enter the exam details and the lists of the student which can appear in the exam.

7. CODE AND SCREENSHOT

8. STATIC AND DYNAMIC PAGES - CODE AND SCREENSHOT

Code:

1. HomePage: Static Page

```html
<!DOCTYPE html>
<html>
<head>
    <title>Online Quiz System</title>
    <link rel="stylesheet" type="text/css" href="css/indexstyle.css">
</head>
    <body>
    <nav>
        <a href="#">Home</a>
        <a href="#">Instructor</a>
        <a href="#">User</a>
        <a href="#">Notice</a>
        <a href="#">Exam</a>
        <a href="signin.html" class="rightFloat">SignIn</a>
        <a href="signup.html" class="rightFloat">SignUp</a>
    </nav>
    <div id="head1" style="background-image: url(image/image1.jpg)">
        <h1>Online Quiz System</h1>
    </div>
    <div class= "intro" >
        <center><h2>Welcome to Online Test</h2></center>


        <p >
            Online Exam means the candidate sits in front of a computer at the exmination centre and the questions
are presented on the computer monitor and the candidate answers the questions on the computer through the use
of mouse. Unlike the traditional paper-pencil based test which is generally offered over a period of time and the
candidate can choose the Center, the Day and Time of his/her convenience to take the test.
        </p>
    <hr>
        <center><h2 >Purpose</h2></center>


        <p >
            Online Exam System fulfills the requirement of the institute to conduct the exams online. They do not
have to go to any software developer to make a separate site for being able to conduct exams online. They just
have to register on the site and enter the exam details and the lists of the student which can appear in the exam.
        </p>
    </div>

        <footer><a href="#">Contact Us</a></footer>
```

```
</body>
</html>
```


2. LogIn Page: Dynamic Page

```html
<!doctype html>
<html>
   <head>
      <title>Login Page</title>
      <link rel="stylesheet" href="css/signinstyle.css">
   </head>
<script>
      function signInValidation()
      {
         var a =document.forms["signin"]["email"].value;
var b = document.forms["signin"]["password"].value;
if(a==""||b=="")
            {
               alert("Fill all the fields");
               exit(0);
            }
         var atposition=a.indexOf("@");
var dotposition=a.lastIndexOf(".");
         if (atposition<1 || dotposition<atposition+2 || dotposition+2>=b.length)
         {
            {
               alert("Please enter a valid e-mail address");
            }
         }
```

```
      }
    </script>
    <body>
    <center><h1>Online Quiz System</h1></center>
     <div >
        <p style="font-family:serif;padding-top:40px;text-align: center; font-size: 2em"><b>Login
Page</b></p>
      <form action="" name="signin">
       <p>
        Email
        <input type="email" name="email" placeholder="Enter Email">
       </p>
        <p>
         Password
          <input type="password" name="password" placeholder="Enter Password">
          <button type="button" onclick="signInValidation()">Submit</button>
</form>
      <p style="font-size: 1.2em">
       No Account ? <a href="signup.html">Register</a>
      </p>
     </div>

    </body>
 </html>
```
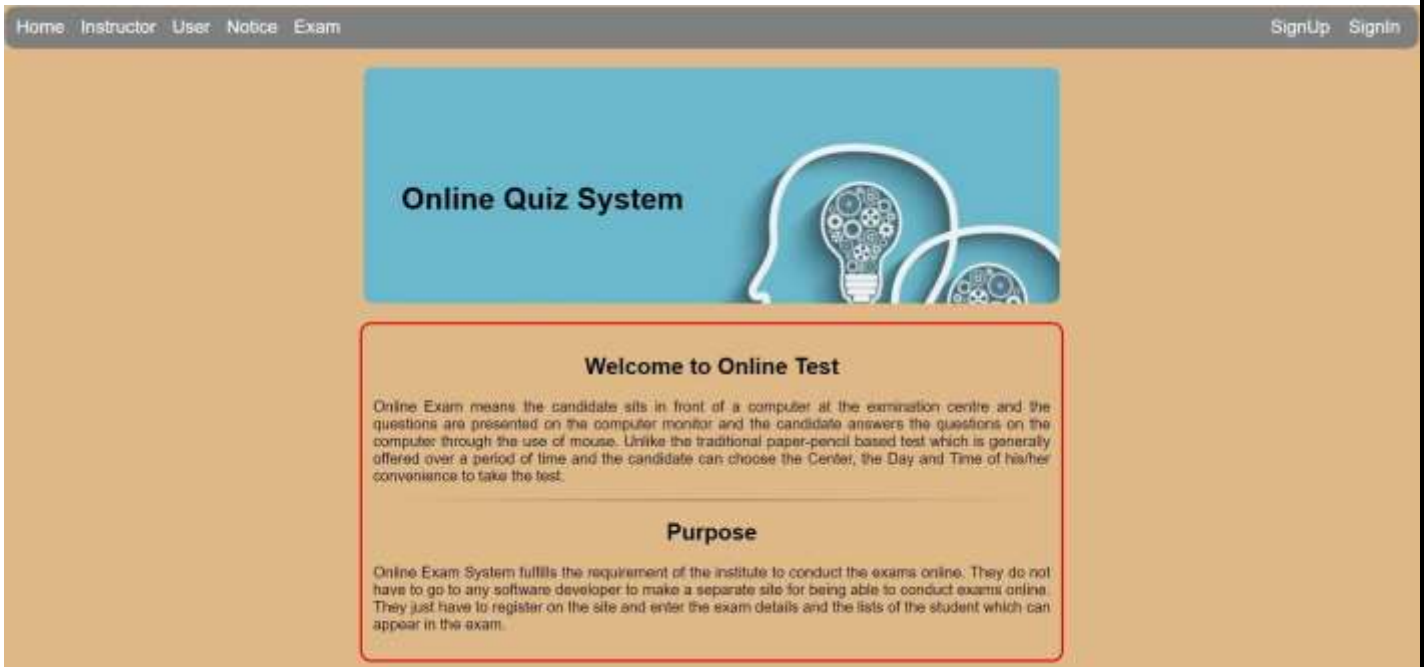
3. Sign Up Page: Dynamic Page

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>17BCI0145</title>
   <link rel="stylesheet" href="css/signupstyle.css">
</head>
   <script>
      function test_password(str)
      {

          if (str.match(/[a-z]/g) && str.match(
               /[A-Z]/g) && str.match(
               /[0-9]/g) && str.match(
               /[^a-zA-Z\d]/g) && str.length >= 8)
            return true;
          else
            return false;

      }
      function test_email(mail)
      {
       if (/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/.test(mail))
        {
         return (true)
        }
         return (false)
      }
      function signupValidation()
      {
         var fname = document.forms["signUp"]["fname"].value;
         var lname = document.forms["signUp"]["lname"].value;
         var gender = document.forms["signUp"]["gender"].value;
         var user = document.forms["signUp"]["user"].value;
         var email = document.forms["signUp"]["email"].value;
         var username = document.forms["signUp"]["username"].value;
         var password = document.forms["signUp"]["password"].value;
         var repassword = document.forms["signUp"]["repassword"].value;
         var dob = document.forms["signUp"]["dob"].value;
         var mobile = document.forms["signUp"]["mobNumber"].value;
         var address = document.forms["signUp"]["address"].value;

if(fname==""||lname==""||gender==""||user==""||email==""||username==""||password==""||dob==""||addr
ess==""||mobile=="")
         {
             alert("Fill all the fields");
             exit(0);
```

```
                }
        if(!test_email(email))
            {
               alert("Please enter a valid email id");
               exit(0);
            }
        if(!test_password(password))
            {
              alert("Weak Password");
               exit(0);
            }
        if(password!=repassword)
            {
               alert("Both the password should be matched");
               exit(0);
            }
        if(mobile.length!=10)
            {
               alert("Mobile number should be of 10 digits");
               exit(0);
            }
        var a = mobile.toString();
        if(a[0]==0)
            {
               alert("Please enter valid mobile number");
               exit(0);
            }


        }
     function myFunction(str)
     {
      str.value = str.value.toUpperCase();
     }
     function pass()
     {
        document.getElementById("pas").innerHTML = "hello"+"<br>";
     }
   </script>
<body>
    <?php  include 'includes/phpsignup.php';
     ?>
     <center><h1>Online Quiz System</h1></center>
   <div class="container"  style="background-color:aqua;">
     <p style="font-family:serif; padding-top:20px;text-align: center; font-size: 2em;"><b>Sign Up
Page</b></p>
     <form method ="POST" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>"
name="signUp">
      <table>
        <tr>
```

```
        <td style="width: 90px">First Name</td>
        <td style="width: 450px"><input type="text" placeholder="First Name" name="fname"
onkeyup="myFunction(this)"><span class="error">* <?php echo "$ferr"?></span></td>
    </tr>
    <tr>
        <td>Last Name</td>
        <td colspan="2"><input type="text" placeholder="Last Name" name="lname"
onkeyup="myFunction(this)">
        <span class="error">* <?php echo "$lerr"?></span></td>
    </tr><br>
    <tr>
        <td>Gender</td>
        <td><input type="radio" name="gender" value="male">Male <input type="radio"
name="gender" value="female">Female  <span class="error"> * <?php echo
"$gendererr"?></span></td>
    </tr>
    <tr>
        <td>User</td>
        <td><input type="radio" name="user" value="instructor">Instructor <input type="radio"
name="user" value="student">Student  <span class="error">* <?php echo "$usererr"?></span></td>
    </tr>
    <tr>
    <td>Email</td>
        <td colspan="3"><input type="email" name="email" placeholder="Enter Email"><span
class="error"> * <?php echo "$emailerr"?></span></td>
    </tr>
    <br>
    <tr>
        <td>Username</td>
        <td colspan="2"><input type="text" name="username" placeholder="Enter username"><span
class="error"> * <?php echo "$usernameerr"?></span></td>

    </tr>
    <tr>
        <td>Password</td>
        <td colspan="2"><input type="password" name="password" placeholder="Enter password"
onfocus="pass()"><span class="error"> * <?php echo "$passworderr"?></span></td>
    </tr>
    <tr>
        <td>Re-password</td>
        <td colspan="2"><input type="password" name="repassword" placeholder="Re-enter
password"> <span class="error"> * <?php echo "$repassworderr"?></span></td>
    </tr>
    <br>
    <tr>
        <td>Nationality</td>
        <td>
          <input type="text" name="nationality" onkeyup="myFunction(this)"><span class="error">
* <?php echo "$nationalityerr"?></span>
        </td>
```

```
        </tr>
        <tr>
          <td>D.O.B</td>
          <td colspan="2"><input type="date" name="dob"><span class="error"> * <?php echo
"$doberr"?></span></td>
        </tr>
        <br>
        <tr>
          <td>Mobile No.</td>
          <td><input type="number" placeholder="Mob. Number" name="mobNumber"><span
class="error"> * <?php echo "$mobileerr"?></span></td>
        </tr>

        <br>
        <tr>
          <td>Residential Address</td>
          <td><textarea rows="4" cols="50" placeholder="Enter the address"
name="address"></textarea><span class="error"> * <?php echo "$addresserr"?></span></td>
        </tr>
        <tr>
          <td><input type="reset" value="Reset"></td>
          <td><button type="submit" onclick="signupValidation()"
name="signupsubmit">Submit</button></td>
        </tr>
      </table>


    </form>
    <p style="font-size: 1.2em;padding-left: 30%">
     Do u have account already ? <a href="signin.php">LogIn</a>
    </p>
  </div>
</body>
</html>
```

PHP CODE FOR SIGNUP (VALIDATION AND USER REGISTRATION)

```php
<?php



  if(isset($_POST['loginsubmit']))
  {
    include 'dbh.inc.php';
    $email = $_POST['email'];
    $pwd = $_POST['password'];
    $user = $_POST["user"];
    if( empty($email) || empty($pwd) || empty($user)){
```

```php
            header("Location: ../signin.php?login=empty");
            exit();
        }
        else{
            if($user == "student")
            {
                $sql = "select * from student where email = '$email';";
                $result = mysqli_query($conn,$sql);
                $resultCheck = mysqli_num_rows($result);
                if($resultCheck < 1){
                    header("Location: ../signin.php?login=error1");
                    exit();
                }
                else{
                    $row = mysqli_fetch_assoc($result);
                    if($pwd != $row['pword']){
                        header("Location: ../index.php?login=error2");
                        exit();
                    }
                    elseif($pwd == $row['pword']){
                        session_start();
                        $_SESSION['email']=$email;
                        $_SESSION['status'] = "active";
                        $_SESSION['user']=$user;
                        header("Location: ../studentprof.php?login=success");
                        exit();
                    }
                    else{
                        header("Location: ../signin.php?login=error3");
                        exit();
                    }

                }
            }
            if($user == "instructor")
            {
                $sql = "select * from instructor where email = '$email';";
                $result = mysqli_query($conn,$sql);
                $resultCheck = mysqli_num_rows($result);
                if($resultCheck < 1){
                    header("Location: ../signin.php?login=error1");
                    exit();
                }
                else{
                    $row = mysqli_fetch_assoc($result);
                    if($pwd != $row['pword']){
                        header("Location: ../index.php?login=error2");
                        exit();
                    }
```

```
            elseif($pwd == $row['pword']){
                session_start();
                $_SESSION['email']=$email;
                $_SESSION['status'] = "active";
                $_SESSION['user']=$user;
                header("Location: ../instructor.php?login=success");
                exit();
            }
            else{
                header("Location: ../signin.php?login=error3");
                exit();
            }


        }
    }

    }
}
else{
    header("Location: ../loginpage.php?login=error4");
        exit();
}
```

Validation:

4. Profile Page:

```
<!DOCTYPE html>


<?php
  session_start();    include
'includes/dbh.inc.php';
  $var = $_SESSION["email"];
  $sql = "select * from student where email = '$var';";
  $result = mysqli_query($conn,$sql);
  $row = mysqli_fetch_assoc($result);
  $fname = $row['fname'];
  $lname = $row['lname'];
  $gender = $row['gender'];
  $email = $row['email'];
  $dob = $row['dob'];
  $address = $row['address'];
  $mobNumber = $row['mobNumber'];
  $username = $row['username'];
  $nationality = $row['nationality'];
```

```
?>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Document</title>
<style>        table{
font-size: 1.3em;
     }
td
     {
        padding-top: 15px;
     }        input{
border-radius: 12px;
        width: 254px;
     }                button{
margin-top:          15px;
width: 130px;        height:
40px;        border-radius:
12px;
        background-color: aqua;
     }
     a{        border: 2px solid
red;        font-size: 1.4em;
margin-right:          113px;
padding:                20px;
background-color:        grey;
color: white;                text-
decoration: none;
     }

    </style>
</head>
<body>
    <p style=" font-size:32px; color:blue; float:right;padding-right: 30px;">Hello <?php echo "$username"?></p>
<div>
    <center><h1>Profile Information</h1>
    <table>
      <tr>
        <td>Name: </td>
        <td><?php echo "$fname"."$lname";?></td>
      </tr>
      <tr>
        <td>Username: </td>
        <td><?php echo "$username";?></td>
      </tr>
      <tr>
        <td>email: </td>
        <td><?php echo "$email";?></td>
      </tr>
      <tr>
```

```
        <td>Gender: </td>
        <td><?php echo "$gender";?></td>
      </tr>
      <tr>
        <td>Date of Birth:  </td>
        <td><?php echo "$dob";?></td>
      </tr>
      <tr>
        <td>Nationality: </td>
        <td><?php echo "$nationality";?></td>
      </tr>
      <tr>
        <td>Mob. Number </td>
        <td><?php echo "$mobNumber";?></td>
      </tr>
      <tr>
        <td>Address: </td>
        <td><?php echo "$address";?></td>
      </tr>
    </table>
      <p style="margin-top: 35px;"><a href="update_profile.php" target="_self">Update Information</a></p>
</center>
  </div>


</body>
</html>
```

5. Profile Updation:

CODE

```php
<?php
   session_start();    include
'includes/dbh.inc.php';
   $var = $_SESSION["email"];
   $sql = "select * from student where email = '$var';";
   $result = mysqli_query($conn,$sql);
   $row = mysqli_fetch_assoc($result);
   $fname = $row['fname'];
   $lname = $row['lname'];
   $gender = $row['gender'];
   $email = $row['email'];
   $dob = $row['dob'];
   $address = $row['address'];
   $mobNumber = $row['mobNumber'];
   $username = $row['username'];
   $nationality = $row['nationality'];
?>
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>Document</title>
   <style>
table{
      font-size: 1.3em;
    }
td
    {
      padding-top: 15px;
    }
input{
      border-radius: 12px;
      width: 254px;
    }                 button{
margin-top:          15px;
width: 130px;        height:
40px;        border-radius:
12px;
      background-color: aqua;
    }
   </style>
</head>
<body>
```

```
        <div>
          <center><h3>Profile Information</h3>
          <form action="includes/updateprofile_inc.php" method="POST">
            <table>
            <tr>
              <td>First Name</td>
              <td><input type="text" name="fname" value='<?php echo "$fname"?>'></td>
            </tr>
            <tr>
              <td>Last Name</td>
              <td><input type="text" name="lname" value='<?php echo "$lname"?>'></td>
            </tr>
            <tr>
              <td>User name</td>
              <td><input type="text" name="username" value='<?php echo "$username"?>'></td>
            </tr>
            <tr>
              <td>Mobile Number</td>
              <td><input type="number" name="mob" value='<?php echo "$mobNumber"?>'></td>
            </tr>
            <tr>
              <td>Address</td>
              <td><input type="text" name="address" value='<?php echo "$address"?>'></td>
            </tr>
          </table>
          <button type="submit" name="updatesubmit">Update</button>
          </form>
          </center>
        </div>
    </body>
</html>
```


Profile Information

First Name — abhishesgd

Last Name — Khanna

User name — uioasdwsd

Mobile Number — 8188907014

Address — B.K. DUTTA LANE, NEW JAKKANPUR

Update

6. About Page: Static Page

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Document</title>
    <link rel="stylesheet" href="css/quizstyle.css">
    <style>
      div{

        border-radius:10px;
      }
      .row{
        width: 80%;
        margin: auto;
        border: 2px solid red;
        height: 150px;
      }
      .column{
        width: 13%;
        overflow: hidden;
        height: 150px;
      }
      img{
        background-size: cover;
        background-repeat: no-repeat;
        max-height: 100%;
      }
      td{
        font-size: 1.8em;
      }
    </style>
</head>
<body style="background-color:grey; color: white;">

    <center><h1>Created By: </h1></center>
    <div class="row">
      <div class="column">
        <img src="image/ambar.JPG" alt="">
      </div>
      <div>

       <table>
         <tr>
            <td>Name: </td>
            <td>Saurabh Ambar</td>
```

```
          </tr>
          <br>
          <tr>
            <td>Reg. no: </td>
            <td>17BCI0058</td>
          </tr>
          <tr>
            <td>Email id:  </td>
            <td>saurabh.ambar2017@vitstudent.ac.in</td>
          </tr>
       </table>

     </div>
  </div>
  <br>
  <div class="row">
    <div class="column">
       <img src="image/prasad.JPG" alt="" style="width:100%;">
    </div>
    <div>

     <table>
       <tr>
          <td>Name: </td>
          <td>Ram Prasad</td>
       </tr>
       <br>
       <tr>
          <td>Reg. no: </td>
          <td>17BCI0062</td>
       </tr>
       <tr>
          <td>Email id:  </td>
         <td>ram.prasad2017@vitstudent.ac.in</td>
       </tr>
     </table>
    </div>
  </div>
  <br>
  <div class="row">
    <div class="column">
       <img src="image/abhishek.JPG" alt="">
    </div>
    <div>
     <table>
       <tr>
          <td>Name: </td>
          <td>Kumar Abhishek</td>
       </tr>
```

```
        <br>
        <tr>
          <td>Reg. no: </td>
          <td>17BCI0145</td>
        </tr>
        <tr>
          <td>Email id:  </td>
          <td>kumar.abhishek2017@vitstudent.ac.in</td>
        </tr>
      </table>

    </div>

  </div>
  <br>
  <div class="row">
    <div class="column">
      <img src="image/saini.JPG" alt="">
    </div>
    <div>

     <table>
       <tr>
          <td>Name: </td>
          <td>Vishal Saini</td>
       </tr>
       <br>
       <tr>
          <td>Reg. no: </td>
          <td>17BCI0188</td>
       </tr>
       <tr>
          <td>Email id:  </td>
          <td>vishal.sainivitstudent.ac.in</td>
       </tr>
     </table>

    </div>
  </div>

</body>
</html>
```

Created By:

Name: Saurabh Ambar
Reg. no: 17BCI0058
Email id: saurabh.ambar2017@vitstudent.ac.in

Name: Ram Prasad
Reg. no: 17BCI0062
Email id: ram.prasad2017@vitstudent.ac.in

Name: Kumar Abhishek
Reg. no: 17BCI0145
Email id: kumar.abhishek2017@vitstudent.ac.in

Name: Vishal Saini
Reg. no: 17BCI0188
Email id: vishal.sainivitstudent.ac.in

Instructor Side:

7. Create Question Paper

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Document</title>
  <style>
    input[type="number"]{
      width: 150px;
      height: 30px;
      border-radius: 20px;
      font-size: 1.0em;
    }
    #qu{
      width: 130px;
      height: 30px;
      border-radius: 20px;
      font-size: 1.0em;
      margin-left: 12px;
    }
    input[type="text"]
    {
      width: 450px;
      height: 30px;
      border-radius: 10px;
      font-size: 1.0em;
```

```
        margin-top: 20px;
        margin-left: 34px;
      }
      #qwe{
        width: 230px;
        height: 30px;
        border-radius: 20px;
        font-size: 1.0em;
        margin-left: 12px;
      }
      .container{
        background-color: grey;
        color: white;
        font-size: 1.3em;
      }
   </style>
   <script>
     function createQuestionForm()
     {
        var x = document.forms["f1"]["val"].value;
        var name = "totalques";
        document.cookie = escape(name) + "=" + escape(x);
        var table ='';//= 'number of questions: <input type="text" name="totalques" value='+x+'
disabled><br>';
        table+="<b>Enter quiz name: </b>";
        table += '<input type="text" placeholder="enter quiz name" name="paperName" required><br>';
        for(var r=0;r<x;r++)
          {
            table+="Enter the question "+(r+1)+": ";
            var z = '<input type="text" placeholder="enter question" name="ques'+r+'"
required>'+"<br>";
            table+=z;
            for(var j =0;j<4;j++)
              {
                table+="Enter the option "+(j+1)+" : ";
                z = '<input type="text" placeholder="enter option"
name="option'+r+j+'"required>'+"<br>";
                table+=z;
              }
            table+="Enter the correct answer: ";
            z = '<input type="text" placeholder="enter correct answer" name="answer'+r+'"required
style="margin-left:0px;">'+"<br>";
            table+=z;
            if(x>1)
              {
                table+="<hr>";
              }
```

```
              }
        table+="<br>";
         z = '<center><button type="submit" name="questionsubmit" id="qwe">Create Question
Paper</button></center>';
             table+=z;
        //alert(x);
        document.getElementById("id1").innerHTML = table;
      }
    </script>
</head>
<body>
    <center><h1>Create Question Paper</h1></center>
    <div>
      <form action="setQuestion.php" name="f1" method="post">
        <p style="font-size:1.4em;"><b>Enter number of questions :- </b>
      <input type="number" min="1" max="10" name="val" value="1">
          <button type="button" name="ques" onclick="createQuestionForm()"
id="qu">Create</button></p>
      </form>
    </div>
    <div class="container" style="border:2px solid red;">
      <br>
      <center><form id = "id1" action="setQuestion.php" method="post" style="padding:20px;">
        <h3>Create Questions</h3>
         </form></center>
    </div>

</body>
</html>
```

<center>**Create Question Paper**</center>

Enter number of questions :- [1]   (Create)

Enter quiz name:	enter quiz name
Enter the question 1:	enter question
Enter the option 1 :	enter option
Enter the option 2 :	enter option
Enter the option 3 :	enter option
Enter the option 4 :	enter option
Enter the correct answer:	enter correct answer

(Create Question Paper)

8. **View List of Quiz created by Instructor**

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Document</title>
    <style>
      ol {
         background: #ff9999;
         padding: 20px;
         text-align: center;
         width: 70%;
         margin-left: 13%;
      }
      li{
         margin: 10px 0;
      }

ol li {
 background: #ffe5e5;
 padding: 5px;
 margin-left: 35px;
  font-size: 1.3em;
}
    </style>
</head>
<body style="background-color:grey;">
    <h1><center>Result</center></h1>
</body>
</html>
```
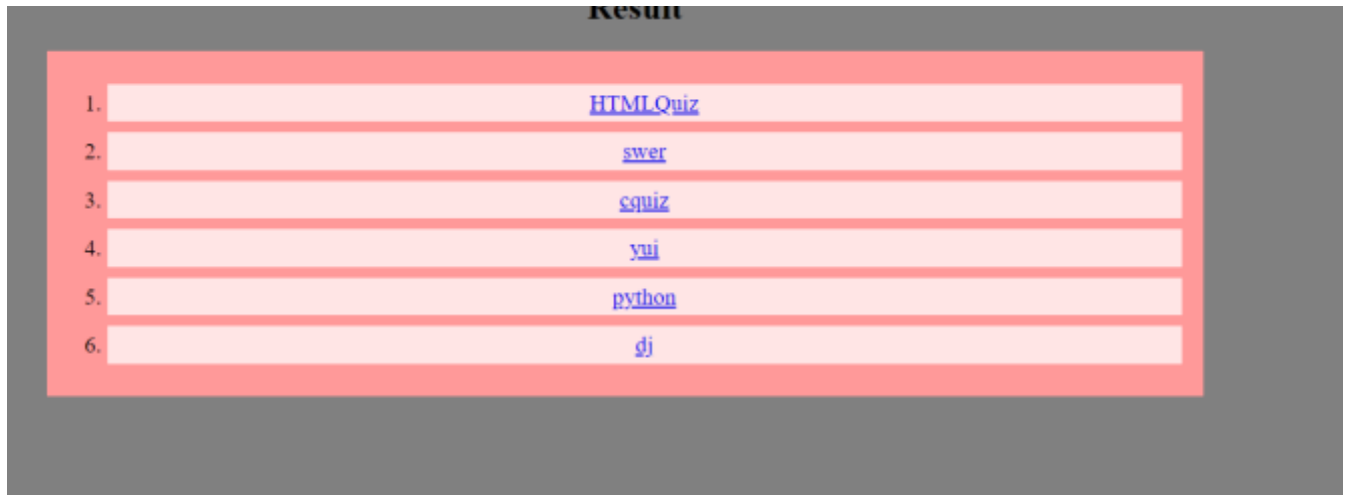
```php
<?php
    session_start();
    include 'includes/dbh.inc.php';
    $var = $_SESSION['email'];
    $sql = "select * from quizname where instructoremail = '".$var."';";
    $result = mysqli_query($conn,$sql) or die("error in showing email id");
    if(mysqli_num_rows($result)>0)
    {
      echo "<ol>";
      while($row = mysqli_fetch_assoc($result))
      {
        $testname = $row['quiz'];
        $as = "topicWiseResult.php?testname=".$testname";
        echo "<li><a href='$as'>".$row['quiz']."</a>".</li>";
```

```
        }
        echo "</ol>";
    }
    else
    {
        echo "<h1>NO QUIZ RESULT</h1>"."<br>";
    }

?>
```


9. Topic Wise Result

```php
<?php
    include 'includes/dbh.inc.php';
    $data = $_GET["testname"];
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Document</title>
    <style>
        #resultlist {
            font-family: "Trebuchet MS", Arial, Helvetica, sans-serif;
            border-collapse: collapse;
            width: 100%;
        }

        #resultlist td, #resultlist th {
            border: 1px solid #ddd;
            padding: 8px;
            text-align: center;
        }

        #resultlist tr:nth-child(even){background-color: #f2f2f2;}
```

```
    #resultlist tr:hover {background-color: #ddd;}

    #resultlist th {
      padding-top: 12px;
      padding-bottom: 12px;
      text-align: center;
      background-color: #4CAF50;
      color: white;
    }
    .container{
       border: 2px solid red;
       width: 80%;
       margin: auto;
    }
    #quiztitle{
       font-size: 2.3em;
       color: white;
       text-align: center;
       width: 80%;
       margin: auto;
    }
  </style>
</head>
<body style="background-color:grey;">
   <p id="quiztitle">
    <b>
    <?php
      $sql = "select * from ".$data.";";
      $result = mysqli_query($conn,$sql) or die("Not getting number of questions");
      $numberOfQues = mysqli_num_rows($result);
      echo "$data"."<br>"?>
    </b>
   </p>
   <p style="width: 80%;margin: auto; color:white;font-size:1.1em;">
    <?php
        $sql = "select * from student;";
        $totalstudents = mysqli_num_rows(mysqli_query($conn,$sql));
        $sql = "select * from result where name = '".$data."';";
        $givenexam = mysqli_num_rows(mysqli_query($conn,$sql));
        $notgiven = $totalstudents - $givenexam;
        echo "Number of Questions: ".$numberOfQues."<br>Total Marks:
".$numberOfQues."<br>Total number of Students: ".$totalstudents."<br>Number of students given
exam: ".$givenexam."<br>Number of student not attempted: ".$notgiven."<br>";
    ?>

   </p>
```

```
<br>
<div class="container">
<?php
$sql = "select * from result where name = '"."$data"."';";
$result = mysqli_query($conn,$sql) or die("cannot retrieve the result");
   echo "<table border='1' id='resultlist'>";
   echo "<tr><th>Name</th><th>Email</th><th>Marks</th><th>Comment</th></tr>";
   while($row = mysqli_fetch_assoc($result))
   {
      $email = $row['studentemail'];
      $marks = $row['marks'];
      $sql = "select * from student where email = '".$email."';";
      $res = mysqli_query($conn,$sql) or die("Error in getting name of the candidate");
      $rows = mysqli_fetch_assoc($res);
      $name = $rows['fname']." ".$rows['lname'];
      $sql = "select * from feedbackform where quizname = '".$data."' and studentemail =
'".$email."';";
      $r = mysqli_query($conn,$sql) or die("eror");
      if(mysqli_num_rows($r) > 0)
      {
         $rows = mysqli_fetch_assoc($r);
         $comment = $rows['comment'];
         echo "<tr><td>"."$name"."</td><td>"."$email
"."</td><td>"."$marks"."</td><td>".$comment."</td></tr>";
      }
      else
      {
         echo "<tr><td>"."$name"."</td><td>"."$email "."</td><td>"."$marks"."</td><td>No
Comment</td></tr>";
      }


   }
   echo "</table>";
?>
   </div>
</body>
</html>
```

<center><h1>HTMLQuiz</h1></center>

Number of Questions: 2
Total Marks: 2
Total number of Students: 3
Number of students given exam: 2
Number of student not attempted: 1

Name	Email	Marks	Comment
KUMAR ABHISHEK	abhish277kumar@gmail.com	2	Quiz was easy
RAM PRASAD	ramlucky1999@gmail.com	0	quiz was easy

STUDENT's SIDE

10. Give Quiz

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Document</title>
  <style>
    div{
       font-size: 1.3em;
       padding: 20px;
       border-radius: 10px;
       margin: 0 20px 0 20px;
    }
    input[type="radio"]{
       margin: 0 20px 20px 90px;
    }
    button{
       width: 130px;
       height: 30px;
       border-radius: 20px;
       font-size: 1.0em;
       margin-left: 12px;
    }
  </style>
</head>
<body style="background-color:grey;">
 <?php
     session_start();
     include 'includes/dbh.inc.php';
     $data = $_GET["testname"];
  ?>
  <center><h1><?php echo strtoupper($data); ?></h1></center>
```

```
  <div style="border: 2px solid red; background-color:lightblue;">
   <?php
     $sql = "select * from ".$data.";";
     $result = mysqli_query($conn,$sql) or die("error in retrieving test questions");
     $count = 0;
     echo "<form action='checkquiz.php?testname=".$data."' method='POST'>";
     while($row = mysqli_fetch_assoc($result)){
       $num = $count + 1;
       echo "Question "."$num : ".$row['question']."<br><br>";
       echo "<input type='radio' name='".$count."' value='".$row['option0']."' required>
".$row['option0']."<br>";
       echo "<input type='radio' name='".$count."' value='".$row['option1']."'> ".$row['option1']."<br>";
       echo "<input type='radio' name='".$count."' value='".$row['option2']."'> ".$row['option2']."<br>";
       echo "<input type='radio' name='".$count."' value='".$row['option3']."'> ".$row['option3']."<br>";
       $count = $count+1;
       echo "<hr>";
     }
     echo "<center><button type='subemit' name='submitquiz'>Submit</button></center>";
     echo "</form>";
   ?>
   </div>
 </body>
 </html>
```

11. View Quiz, Result

```php
<?php
   session_start();
   include 'includes/dbh.inc.php';
?>
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>Document</title>
   <link rel="stylesheet" href="css/quizstyle.css">
   <style>
      .container{
         border: 2px solid red;
         width: 80%;
         margin: auto;
      }
      #quizlist {
       font-family: "Trebuchet MS", Arial, Helvetica, sans-serif;
       border-collapse: collapse;
       width: 100%;
      }

      #quizlist td, #quizlist th {
       border: 1px solid #ddd;
       padding: 8px;
        text-align: center;
      }

      #quizlist tr:nth-child(even){background-color: #f2f2f2;}

      #quizlist tr:hover {background-color: #ddd;}

      #quizlist th {
       padding-top: 12px;
       padding-bottom: 12px;
       text-align: center;
       background-color: #4CAF50;
       color: white;
      }
   </style>
</head>
<body style="background-color:grey;">
   <center><h1>List of Quizzess</h1></center>
   <div class="container">
      <?php
         $sql = "select * from quizname;";
```

```php
        $result = mysqli_query($conn,$sql) or die("error in retrieveing quiz name");
        echo "<table id='quizlist'>";
        echo "<tr><th>Quiz Name</th><th>Marks(total marks)</th><th>Comment</th></tr>";
        while ($row = mysqli_fetch_assoc($result))
        {
           $testname = $row['quiz'];
           $var = $_SESSION["email"];
           $sql = "select * from result where name = '"."$testname"."' and studentemail = '"."$var"."';";
           $res = mysqli_query($conn,$sql) or die("don't know");
           if(mysqli_num_rows($res)>0)
           {
              $sql = "select * from "."$testname".";";
              $q = mysqli_query($conn,$sql) or die("error");
              $totalques = mysqli_num_rows($q);
              $rows = mysqli_fetch_assoc($res);
              $marks = $rows['marks'];
              $as = "feedback.php?testname="."$testname";
              $sql = "select * from feedbackform where studentemail = '".$var."' and quizname =
'".$testname."';";
              $r = mysqli_query($conn,$sql);
              if(mysqli_num_rows($r)>0)
              {
                 echo "<tr><td>"."$testname"."</td><td>"."$marks"."(".$totalques.")</td><td>Feedback
Saved</tr>";
              }
              else
              {
                 echo "<tr><td>"."$testname"."</td><td>"."$marks"."(".$totalques.")</td><td><a
href='$as'>FEEDBACK</a></td></tr>";
              }
           }
           else
           {
              $as = "takequiz.php?testname="."$testname";
              echo "<tr><td><a href='$as'>".$row['quiz']."</a></td><td>Not
attempted</td><td>Disable</td></tr>";
           }
        }
     echo "</table>";
     ?>
   </div>
</body>
</html>
```

List of Quizzess

Quiz Name	Marks(total marks)	Comment
HTMLQuiz	2(2)	Feedback Saved
saaer	Not attempted	Disable
cquiz	0(2)	FEEDBACK
yui	2(2)	Feedback Saved
plot	Not attempted	Disable
python	Not attempted	Disable
dj	Not attempted	Disable

9. EXTERNAL CSS FILE

1. HOMEPAGE CSS:

```css
body{

  background-color: burlywood;
       font-family: 'Source Sans Pro',sans-serif;
}


nav{     padding: 10px 0px 5px
12px;          background-color:
grey;     height: 30px;     font-
size: 1.2em;       word-spacing:
12px;   border-radius: 12px;
} a{     text-decoration:
none;    color: white;
}

a:hover{     color: black;
text-decoration: underline;
}
#head1{

  padding-top: 100px;
padding-left: 40px;
margin: 20px auto;
height: 150px;     max-
width: 700px;     border-
radius: 10px;
} .body{
       margin: 50px auto;
       background: grey;
}

.intro{
padding: 12px;
  text-align:     justify;
max-width:       720px;
margin:   20px    auto;
border: 2px  solid  red;
border-radius: 12px;
}



hr{     border:
0;      height:
1px;
```

```
    background-image: linear-gradient(to right, rgba(0, 0, 0, 0), rgba(0, 0, 0, 0.75), rgba(0, 0, 0,
0)); }

.rightFloat{
    float: right;    padding-
right: 20px;
}
```

2. PROFILE CSS

```
body{    background-color:
darkgoldenrod;
}
nav{    padding: 10px 0px 5px
12px;    background-color:
grey;    height: 30px;    font-
size: 1.2em;    word-spacing:
12px;    border-radius: 12px;
}
a{    text-decoration:
none;    color: white;
}

a:hover{    color: black;
text-decoration: underline;
}
.rightFloat{    float:
right;    padding-right:
20px;
}

img{        width:  160px;
height: 160px;    border:
2px solid black;    margin-
left: 5%;
}

table{    margin-
left: 5%; }

td{    width: 100px;
font-size: 1.2em;
}
```

3. SIGN IN CSS

```css
body
{
    background-color: grey;
}

div{            margin-top:  100px;
margin-left: 33%;    height: 400px;
width: 35%;     background-color:
powderblue;         border-radius:
12px;
}

input[type=email], input[type=password]{
width: 90%;    height: 30px;   border: 2px
solid   red;            border-radius:  10px;
padding-left: 12px;
}

p{    padding-left:
30px;    font-size:
1.7em;
}

button
{
    margin-top: 22px;    margin-
left: 10px;    background-
color: #4CAF50;    padding-
left: 25px;    width: 90%;
height: 35px;
    border: none;    color:
white;    text-
decoration: none;
cursor: pointer;
border-radius: 12px;
}
```

4. SIGN UP STYLE

```css
body
{
   background-color: grey;
}


div{    margin-left: 24%;     width:
50%;            background-color:
powderblue;        border-radius:
12px;
}


input[type=email], input[type=password], input[type=text],
input[type=date],input[type=number],select{    width: 90%;
height: 30px;    border: 2px solid red;    border-radius: 10px;
padding-left: 12px;
}
textarea{    border: 2px
solid red;    border-
radius: 10px;
}


p{
   font-size: 1.7em;
}


button,input[type=reset]
{
   margin-top: 22px;    margin-
left: 10px;   background-color:
#4CAF50;   padding-left: 25px;
width: 90%;
   height: 35px;
border: none;    color:
white;    text-
decoration: none;
cursor: pointer;
border-radius: 12px;
}


table{    margin-top:
-50px;    margin-left:
9%;
}
```

```
td{      font-size: 1.3em;
height: 9px;      padding-
bottom: 20px;      margin-
bottom: 100px;
}
```

5. INSTRUCTOR CSS

```
body{    background-
color: beige
}


nav{    padding: 10px 0px 5px
12px;    background-color:
grey;    height: 30px;    font-
size: 1.2em;    word-spacing:
12px;    border-radius: 12px; }
a{    text-decoration: none;
color: white;
}


a:hover{    color: black;
text-decoration: underline;
}


img{    width:
140px;    height:
140px;
}
table{
   border-collapse: collapse;
}




.middlerow{
width:      250px;
font-size:    1.4em;
text-align: center;
}


button{       width: 100px;
height: 30px;       border-
radius: 12px;    background-
color: brown;
   color: white;


}
```

Note: Rest all css are inline

10. LIST OF EVENTS USED AND JAVASCRIPT FUNCTIONS DESCRIPTION

1. Email Validation
   Email has been validated using Regex Expression : (/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/)

2. Password Validation

3. KeyUp Event Use

4. Dynamic table generation to create Quiz

11. LIST OF PHP FUNCTIONS USED

1. SignUp
2. SignIn
3. Logout function
4. Profile Display
5. Update Information Function
6. Image Upload
7. Create Quiz
8. Take Quiz
9. Result Display for student, Instructor
10. Topic wise result display
11. Delete Account
12. Feedback form
13. Database Connection

12. PROJECT DATA_ER DIAGRAM_SCHEMA STRUCTURE

ER DIAGRAM And SCHEMA DIAGRAM:

ONLINE QUIZ SYSTEM

Student	
First name	varchar(24)
Last Name	varchar(24)
gender	varchar(6)
PK stu_email	varchar(53)
username	varchar(14)
pword	varchar(14)
nationality	varchar(14)
dob	date
mobNumber	bigint(10)
address	varchar(45)

EXAM		
PK	Exm_ID	bigint(20)
FK	stu_email	varchar(53)
FK	Quiz_ID	bigint(10)
	Exm_Date	date

Quiz		
PK	Quiz_Code	bigint(10)
	Level	vaechar(10)
	Stream	varchar(20)
	No. of Question	bigint(10)
FK	Inst_email	varchar(53)

Instructor		
	First name	varchar(24)
	Last Name	varchar(24)
	gender	varchar(6)
PK	Inst_email	varchar(53)
	username	varchar(14)
	pword	varchar(14)
	nationality	varchar(14)
	dob	date
	mobNumber	bigint(10)
	address	varchar(45)

Registered Student and Faculty Database

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐	1	**fname**	varchar(24)	latin1_swedish_ci		Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	2	**lname**	varchar(24)	latin1_swedish_ci		Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	3	**gender**	varchar(6)	latin1_swedish_ci		Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	4	**email** 🔑	varchar(53)	latin1_swedish_ci		No	*None*			🖉 Change ⊖ Drop ▽ More
☐	5	**username**	varchar(14)	latin1_swedish_ci		Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	6	**pword**	varchar(14)	latin1_swedish_ci		No	*None*			🖉 Change ⊖ Drop ▽ More
☐	7	**nationality**	varchar(14)	latin1_swedish_ci		Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	8	**dob**	date			Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	9	**mobNumber**	bigint(10)			Yes	*NULL*			🖉 Change ⊖ Drop ▽ More
☐	10	**address**	varchar(45)	latin1_swedish_ci		Yes	*NULL*			🖉 Change ⊖ Drop ▽ More

Result table

		name	studentemail	marks
	Delete	cquiz	abhish277kumar@gmail.com	0
	Delete	cquiz	ramlucky1999@gmail.com	1
	Delete	HTMLQuiz	abhish277kumar@gmail.com	2
	Delete	HTMLQuiz	ramlucky1999@gmail.com	0
	Delete	yui	abhish277kumar@gmail.com	2

Question Paper Table

#	Name	Type	Collation	Attributes	Null	Default	Comment
1	question	varchar(255)	latin1_swedish_ci		No	None	
2	option0	varchar(255)	latin1_swedish_ci		No	None	
3	option1	varchar(255)	latin1_swedish_ci		No	None	
4	option2	varchar(255)	latin1_swedish_ci		No	None	
5	option3	varchar(255)	latin1_swedish_ci		No	None	
6	answer	varchar(255)	latin1_swedish_ci		No	None	

Feedback Table

Name	Type	Collation	Attributes	Null	Default	Co
quizname	varchar(55)	latin1_swedish_ci		No	None	
studentemail	varchar(55)	latin1_swedish_ci		No	None	
comment	varchar(50)	latin1_swedish_ci		No	None	

13. FRONT END_BACK END_CONNECTION AND MANIPULATION OF DATA

DataBase Connection:

```php
<?php
$dbServername = "localhost";
$dbUsername = "root";
$dbPassword = "";
$dbName = "studentprofile";

$conn = mysqli_connect($dbServername, $dbUsername, $dbPassword, $dbName);
?>
```

Data Manipulation:

1. **Create Quiz**

```php
<?php
session_start();
$var = $_SESSION['email'];
include 'includes/dbh.inc.php';
$totalques = $_COOKIE["totalques"];
$paperName = $_POST["paperName"];
echo "$paperName"."<br>";
$sql = 'create table '.$paperName.' (question varchar(255) not null ,option0 varchar(255) not
null,option1 varchar(255) not null,option2 varchar(255) not null,option3 varchar(255) not
null,answer varchar(255) not null);';
$result = mysqli_query($conn,$sql) or die("error in mysql");
$sql = "insert into quizname values ('$paperName','$var');";
mysqli_query($conn,$sql) or die("error in inserting values in quizname");
$ques = $_POST["ques"."0"];
for($i =0;$i<$totalques;$i=$i+1)
{
    $ques = $_POST["ques"."$i"];
    $option0 = $_POST["option"."$i"."0"];
    $option1 = $_POST["option"."$i"."1"];
    $option2 = $_POST["option"."$i"."2"];
    $option3 = $_POST["option"."$i"."3"];
    $answer = $_POST["answer"."$i"];
    $sql = "insert into ".$paperName."
values('$ques','$option0','$option1','$option2','$option3','$answer');";
    mysqli_query($conn,$sql) or die("error in sending data");
}
header("Location: setQuiz.php?success");
?>
```

2. **Check Quiz**

```php
<?php
  session_start();
  include 'includes/dbh.inc.php';
  $data = $_GET["testname"];
  echo "$data"."<br>";
  $count = 0;
  $sql = "select * from ".$data.";";
  $result = mysqli_query($conn,$sql) or die("error in answer checking");
  $count = 0;
  $marks = 0;
  while($row = mysqli_fetch_assoc($result))
  {
    $correctanswer = $row['answer'];
    $choosedanswer = $_POST["$count"];
    echo "$choosedanswer"."<br>";
    if($correctanswer == $choosedanswer)
    {
     $marks = $marks + 1;
    }
    $count = $count+1;
  }
  $studentemail = $_SESSION['email'];
  $sql = "insert into result values('$data','$studentemail','$marks');";
  mysqli_query($conn,$sql) or die("Something is wrong.\nEither databse is not working or you
have already given the exam");
  header("Location: Quiz.php")
?>
```

3. **Feedback**

```php
<?php
include 'includes/dbh.inc.php';
session_start();
$var = $_SESSION['email'];
echo "$var"."<br>";
$comment = $_POST['comment'];
echo "$comment"."<br>";
$quiz = $_POST['test'];
echo "$quiz";
$sql = "insert into feedbackform values('$quiz','$var','$comment');";
$res = mysqli_query($conn,$sql) or die("error");
echo "<br>"."HAPPY";
header("Location: Quiz.php");
?>
```

4. **Update Profile**

```php
<?php

include_once 'dbh.inc.php';
session_start();

if(isset($_POST['updatesubmit']))
{

  $fname = $_POST["fname"];
  $lname = $_POST["lname"];
  $username = $_POST["username"];
  $mobNum = $_POST["mob"];
  $address = $_POST["address"];
  $var = $_SESSION['email'];
  $a = $_SESSION["user"];
  if($a == "instructor")
  {
    $sql = "update instructor set fname = '$fname',lname = '$lname', username = '$username',
mobNumber = '$mobNum', address = '$address'  where email='$var';";
  }
  else
  {
    $sql = "update student set fname = '$fname',lname = '$lname', username = '$username',
mobNumber = '$mobNum', address = '$address'  where email='$var';";
  }

  mysqli_query($conn,$sql);
  echo '<div style = "border:2px solid red; font-size: 2.4em; margin: auto;padding-
left:30%;width:55%; background-color:grey;color:white ">
  <h3>Updated Successfully</h3>
</div>';

}
else
{
  header("Location ../studentProfile.php?update=fail");
  exit();
}

?>
```

5. **Delete Account**

```php
<?php
session_start();
include 'includes/dbh.inc.php';
$var = $_SESSION["email"];
$sql = "DELETE FROM student WHERE email = '$var';";
if(mysqli_query($conn, $sql)){
  $sql = "delete from profileimg where emailid = '$var';";
  if(mysqli_query($conn,$sql)){
    session_destroy();
    header("Location: index.php");
  }else{
    echo "<h1>Couldn't complete the work.</h1>";
  }
} else{
  echo "<h1>Couldn't complete the work.</h1>";
}
mysqli_close($conn);
?>
```

14. WORK BREAK DOWN

Team Member Registration Number	Name	Work Assigned
1	Saurabh Ambar	INSTRUCTOR PAGE
2	Ram Prasad	SIGN IN SIGN UP
3	Kumar Abhishek	STUDENT PAGE IMAGE UPLOAD
4	Vishal Saini	HOME PAGE, UPDATE PROFILE, FEEDBACK FORM

15. REVIEW EVALUATION

COMPONENT	Max MARKS	MEMBER 1	MEMBER 2	MEMBER 3	MEMBER 4
Static Page Creation	5				
Css	5				
Events And Javascript Definitions	5				
Entity And Attribute Identification - ER Diagram	5				
Schema Structure And Table Creation	5				
PHP Functions	5				
Database Connection	5				
Data Manipulation	5				
Report	5				
Presentation	5				
Total	50 MARKS				