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Advanced Server-Side Web Programming

Coursework 2

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Table of Contents

List of Figures	2
1. Application URL	3
2. Code Listings	3
Admin.php	3
Dashboard.php	5
Database.php	12
Index.php	12
Login.php	12
Logout.php	15
Logout1.php	15
Register.php	15
Update.php	18
Welcome.php	23
SQL Code	29
3. Evaluation of Design	42
4. Discussion	46
Q1	46
Q2	47

List of Figures

Figure 1 : Login Page.....	43
Figure 2: Admin Dashboard.....	44
Figure 3: Register.....	45

1. Application URL

<http://localhost/Online-Quiz/>

2. Code Listings

Admin.php

```
<?php
    include_once 'database.php';
    session_start();
    if(isset($_SESSION["email"]))
    {
        session_destroy();
    }

    $ref=@$_GET['q'];
    if(isset($_POST['submit']))
    {
        $email = $_POST['email'];
        $password = $_POST['password'];

        $email = stripslashes($email);
        $email = addslashes($email);
        $password = stripslashes($password);
        $password = addslashes($password);

        $email = mysqli_real_escape_string($con,$email);
        $password = mysqli_real_escape_string($con,$password);

        $result = mysqli_query($con,"SELECT email FROM admin WHERE email = '$email' and
password = '$password'") or die('Error');
        $count=mysqli_num_rows($result);
        if($count==1)
        {
            session_start();
            if(isset($_SESSION['email']))
            {
                session_unset();
            }
            $_SESSION["name"] = 'Admin';
            $_SESSION["key"] ='admin';
            $_SESSION["email"] = $email;
            header("location:dashboard.php?q=0");
        }
        else
        {
```

```

        echo "<center><h3><script>alert('Sorry.. Wrong Username (or)
Password');</script></h3></center>";
        header("refresh:0;url=admin.php");
    }
}
?>
<!DOCTYPE html>
<html>
<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>Admin Login | Online Quiz System</title>
    <link rel="stylesheet" href="scripts/bootstrap/bootstrap.min.css">
    <link rel="stylesheet" href="scripts/ionicons/css/ionicons.min.css">
    <link rel="stylesheet" href="css/form.css">
    <style type="text/css">
        body{
            width: 100%;
            background: url(image/book.png) ;
            background-position: center center;
            background-repeat: no-repeat;
            background-attachment: fixed;
            background-size: cover;
        }
    </style>
</head>

<body>
    <section class="login first grey">
        <div class="container">
            <div class="box-wrapper">
                <div class="box box-border">
                    <div class="box-body">
                        <center> <h5 style="font-family: Noto Sans;">Login to </h5><h4 style="font-
family: Noto Sans;">Admin Page</h4></center><br>
                        <form method="post" action="admin.php" enctype="multipart/form-data">
                            <div class="form-group">
                                <label>Enter Your Email Id:</label>
                                <input type="email" name="email" class="form-control">
                            </div>
                            <div class="form-group">
                                <label class="fw">Enter Your Password:
                                    <a href="javascript:void(0)" class="pull-right">Forgot Password?</a>
                                </label>

```

```
        <input type="password" name="password" class="form-control">
    </div>
    <div class="form-group text-right">
        <button class="btn btn-primary btn-block"
name="submit">Login</button>
    </div>

</form>
</div>
</div>
</div>
</div>
</section>

<script src="js/jquery.js"></script>
<script src="scripts/bootstrap/bootstrap.min.js"></script>
</body>
</html>
```

Dashboard.php

```
<?php
    include_once 'database.php';
    session_start();
    if(!(isset($_SESSION['email'])))
    {
        header("location:login.php");
    }
    else
    {
        $name = $_SESSION['name'];
        $email = $_SESSION['email'];
        include_once 'database.php';
    }
?>

<!DOCTYPE html>
<html>
<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>Dashboard | Online Quiz System</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet" href="css/bootstrap-theme.min.css"/>
```

```

<link rel="stylesheet" href="css/welcome.css">
<link rel="stylesheet" href="css/font.css">
<script src="js/jquery.js" type="text/javascript"></script>
<script src="js/bootstrap.min.js" type="text/javascript"></script>
</head>

<body>
  <nav class="navbar navbar-default title1">
    <div class="container-fluid">
      <div class="navbar-header">
        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-1" aria-expanded="false">
          <span class="sr-only">Toggle navigation</span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="Javascript:void(0)"><b>Online Quiz System</b></a>
      </div>
      <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
        <ul class="nav navbar-nav navbar-left">
          <li <?php if(@$_GET['q']==0) echo'class="active"'; ?><a
href="dashboard.php?q=0">Home<span class="sr-only">(current)</span></a></li>
          <li <?php if(@$_GET['q']==1) echo'class="active"'; ?><a
href="dashboard.php?q=1">User</a></li>
          <li <?php if(@$_GET['q']==2) echo'class="active"'; ?><a
href="dashboard.php?q=2">Ranking</a></li>
          <li class="dropdown <?php if(@$_GET['q']==4 || @$_GET['q']==5) echo'active';
?>">
            <li><a href="dashboard.php?q=4">Add Quiz</a></li>
            <li><a href="dashboard.php?q=5">Remove Quiz</a></li>
          </ul>
          <ul class="nav navbar-nav navbar-right">
            <li <?php echo"; ?> > <a href="logout1.php?q=dashboard.php"><span
class="glyphicon glyphicon-log-out" aria-hidden="true"></span>&nbsp;Log out</a></li>
          </ul>
        </div>
      </div>
    </nav>

    <div class="container">
      <div class="row">
        <div class="col-md-12">
          <?php if(@$_GET['q']==0)
          {

```

```

        echo "<h1> WELCOME TO Admin Page!!
        </h1>";

    }

    if(@$_GET['q']== 2)
    {
        $q=mysqli_query($con,"SELECT * FROM rank ORDER BY score DESC ")or
die('Error223');
        echo '<div class="panel title"><div class="table-responsive">
        <table class="table table-striped title1" >
        <tr
style="color:red"><td><center><b>Rank</b></center></td><td><center><b>Name</b></cente
r></td><td><center><b>Score</b></center></td></tr>';
        $c=0;
        while($row=mysqli_fetch_array($q) )
        {
            $e=$row['email'];
            $s=$row['score'];
            $q12=mysqli_query($con,"SELECT * FROM user WHERE email='$e' ")or
die('Error231');
            while($row=mysqli_fetch_array($q12) )
            {
                $name=$row['name'];
                $college=$row['college'];
            }
            $c++;
            echo '<tr><td
style="color:#99cc32"><center><b>'. $c .'</b></center></td><td><center>'. $e .'</center></td><t
d><center>'. $s .'</center></td>';
        }
        echo '</table></div></div>';
    }
    ?>
<?php
    if(@$_GET['q']==1)
    {
        $result = mysqli_query($con,"SELECT * FROM user") or die('Error');
        echo '<div class="panel"><div class="table-responsive"><table class="table
table-striped title1">
        <tr><td><center><b>S.N.</b></center></td><td><center><b>Name</b></cente
r></td><td><center><b>College</b></center></td><td><center><b>Email</b></center></td>
<td><center><b>Action</b></center></td></tr>';
        $c=1;
        while($row = mysqli_fetch_array($result))

```

```

        {
            $name = $row['name'];
            $email = $row['email'];
            $college = $row['college'];
            echo
'<tr><td><center>'. $c++. '</center></td><td><center>'. $name. '</center></td><td><center>'. $college. '</center></td><td><center>'. $email. '</center></td><td><center><a title="Delete User"
href="update.php?demail='. $email. '"><b><span class="glyphicon glyphicon-trash" aria-
hidden="true"></span></b></a></center></td></tr>';
        }
        $c=0;
        echo '</table></div></div>';
    }
?>

```

```

<?php
    if(@$_GET['q']==4 && !(@$_GET['step']))
    {
        echo '<div class="row"><span class="title1" style="margin-left:40%;font-
size:30px;color:#fff;"><b>Enter Quiz Details</b></span><br /><br />
        <div class="col-md-3"></div><div class="col-md-6">
            <form class="form-horizontal title1" name="form"
action="update.php?q=addquiz" method="POST">
                <fieldset>
                    <div class="form-group">
                        <label class="col-md-12 control-label" for="name"></label>
                        <div class="col-md-12">
                            <input id="name" name="name" placeholder="Enter Quiz title"
class="form-control input-md" type="text">
                        </div>
                    </div>

                    <div class="form-group">
                        <label class="col-md-12 control-label" for="total"></label>
                        <div class="col-md-12">
                            <input id="total" name="total" placeholder="Enter total number of
questions" class="form-control input-md" type="number">
                        </div>
                    </div>

                    <div class="form-group">
                        <label class="col-md-12 control-label" for="right"></label>
                        <div class="col-md-12">
                            <input id="right" name="right" placeholder="Enter marks on right
answer" class="form-control input-md" min="0" type="number">

```



```

        </div>
    </div>

    <div class="form-group">
        <label class="col-md-12 control-label" for="wrong"></label>
        <div class="col-md-12">
            <input id="wrong" name="wrong" placeholder="Enter minus marks on
wrong answer without sign" class="form-control input-md" min="0" type="number">
        </div>
    </div>

    <div class="form-group">
        <label class="col-md-12 control-label" for=""></label>
        <div class="col-md-12">
            <input type="submit" style="margin-left:45%" class="btn btn-primary"
value="Submit" class="btn btn-primary"/>
        </div>
    </div>

    </fieldset>
</form></div>';
}
?>

<?php
if(@$_GET['q']==4 && (@$_GET['step']==2 )
{
    echo '
    <div class="row">
        <span class="title1" style="margin-left:40%;font-size:30px;"><b>Enter Question
Details</b></span><br /><br />
        <div class="col-md-3"></div><div class="col-md-6"><form class="form-
horizontal title1" name="form"
action="update.php?q=addqns&n='.$@$_GET['n'].'&eid='.$@$_GET['eid'].'&ch=4
" method="POST">
            <fieldset>
                ';

                for($i=1;$i<=@$_GET['n'];$i++)
                {
                    echo '<b>Question number&nbsp;'.$i.'&nbsp;';</b><br /><!-- Text input-->
                    <div class="form-group">
                        <label class="col-md-12 control-label" for="qns'.$i.'"></label>
                        <div class="col-md-12">

```

```

        <textarea rows="3" cols="5" name="qns'$.i.'" class="form-control"
placeholder="Write question number '$.i.' here..."></textarea>
    </div>
</div>
<div class="form-group">
    <label class="col-md-12 control-label" for="$.i.'1"></label>
    <div class="col-md-12">
        <input id="$.i.'1" name="$.i.'1" placeholder="Enter option a"
class="form-control input-md" type="text">
    </div>
</div>
<div class="form-group">
    <label class="col-md-12 control-label" for="$.i.'2"></label>
    <div class="col-md-12">
        <input id="$.i.'2" name="$.i.'2" placeholder="Enter option b"
class="form-control input-md" type="text">
    </div>
</div>
<div class="form-group">
    <label class="col-md-12 control-label" for="$.i.'3"></label>
    <div class="col-md-12">
        <input id="$.i.'3" name="$.i.'3" placeholder="Enter option c"
class="form-control input-md" type="text">
    </div>
</div>
<div class="form-group">
    <label class="col-md-12 control-label" for="$.i.'4"></label>
    <div class="col-md-12">
        <input id="$.i.'4" name="$.i.'4" placeholder="Enter option d"
class="form-control input-md" type="text">
    </div>
</div>
<br />
<b>Correct answer</b>:<br />
<select id="ans'$.i.'" name="ans'$.i.'" placeholder="Choose correct answer
" class="form-control input-md" >
    <option value="a">Select answer for question '$.i.'</option>
    <option value="a"> option a</option>
    <option value="b"> option b</option>
    <option value="c"> option c</option>
    <option value="d"> option d</option> </select><br /><br />;
}
echo '<div class="form-group">
    <label class="col-md-12 control-label" for=""></label>
    <div class="col-md-12">

```

```

        <input type="submit" style="margin-left:45%" class="btn btn-primary"
value="Submit" class="btn btn-primary"/>
    </div>
</div>

</fieldset>
</form></div>;
}
?>

<?php
    if(@$_GET['q']==5)
    {
        $result = mysqli_query($con,"SELECT * FROM quiz ORDER BY date DESC")
or die('Error');
        echo '<div class="panel"><div class="table-responsive"><table class="table
table-striped title1">
            <tr><td><center><b>S.N.</b></center></td><td><center><b>Topic</b></cente
r></td><td><center><b>Total
question</b></center></td><td><center><b>Marks</b></center></td><td><center><b>Action
</b></center></td></tr>;
            $c=1;
            while($row = mysqli_fetch_array($result)) {
                $title = $row['title'];
                $total = $row['total'];
                $sahi = $row['sahi'];
                $eid = $row['eid'];
                echo
'<tr><td><center>'. $c++. '</center></td><td><center>'. $title. '</center></td><td><center>'. $total
. '</center></td><td><center>'. $sahi* $total. '</center></td>
                <td><center><b><a href="update.php?q=rmquiz&eid='.$eid.'" class="pull-
right btn sub1" style="margin:0px;background:red;color:black"><span class="glyphicon
glyphicon-trash" aria-hidden="true"></span>&nbsp;<span
class="title1"><b>Remove</b></span></a></b></center></td></tr>;
            }
            $c=0;
            echo '</table></div></div>;
        }
    ?>
</div>
</div>
</div>
</body>
</html>

```

Database.php

```
<?php
$con= new mysqli('localhost','root','','exam')or die("Could not connect to
mysql".mysqli_error($con));

?>
```

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>| Online Quiz System |</title>
    <link rel="stylesheet" type="text/css" href="css/index.css" />
    <link rel="shortcut icon" type="image/png" href="image/logo.png" />
    <style type="text/css">
      body {
        width: 100%;
        background: url(image/book.png) ;
        background-position: center center;
        background-repeat: no-repeat;
        background-attachment: fixed;
        background-size: cover;
      }
    </style>
  </head>
  <body>
    <center>
      <div class="intro">
        <h1> online quiz system </h1>
        <a href="login.php" class="btn"> login </a> &emsp;
        <a href="register.php" class="btn"> register </a>
        <h2> Good &nbsp;&nbsp;&nbsp;Luck. </h2>
      </div>
    </center>
  </body>
</html>
```

Login.php

```
<?php
```

```

require('database.php');
session_start();
if(isset($_SESSION["email"]))
{
    session_destroy();
}

$ref=@$_GET['q'];
if(isset($_POST['submit']))
{
    $email = $_POST['email'];
    $pass = $_POST['password'];
    $email = stripslashes($email);
    $email = addslashes($email);
    $pass = stripslashes($pass);
    $pass = addslashes($pass);
    $email = mysqli_real_escape_string($con,$email);
    $pass = mysqli_real_escape_string($con,$pass);
    $str = "SELECT * FROM user WHERE email='$email' and password='$pass'";
    $result = mysqli_query($con,$str);
    if((mysqli_num_rows($result))!=1)
    {
        echo "<center><h3><script>alert('Sorry.. Wrong Username (or)
Password');</script></h3></center>";
        header("refresh:0;url=login.php");
    }
    else
    {
        $_SESSION['logged']=$email;
        $row=mysqli_fetch_array($result);
        $_SESSION['name']=$row[1];
        $_SESSION['id']=$row[0];
        $_SESSION['email']=$row[2];
        $_SESSION['password']=$row[3];
        header('location: welcome.php?q=1');
    }
}
?>

<!DOCTYPE html>
<html>
<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>Login | Online Quiz System</title>
<link rel="stylesheet" href="scripts/bootstrap/bootstrap.min.css">
<link rel="stylesheet" href="scripts/ionicons/css/ionicons.min.css">
<link rel="stylesheet" href="css/form.css">
<style type="text/css">
    body{
        width: 100%;
        background: url(image/book.png) ;
        background-position: center center;
        background-repeat: no-repeat;
        background-attachment: fixed;
        background-size: cover;
    }
</style>
</head>

<body>
    <section class="login first grey">
        <div class="container">
            <div class="box-wrapper">
                <div class="box box-border">
                    <div class="box-body">
                        <center> <h5 style="font-family: Noto Sans;">Login to </h5><h4 style="font-
family: Noto Sans;">Online Quiz System</h4></center><br>
                        <form method="post" action="login.php" enctype="multipart/form-data">
                            <div class="form-group">
                                <label>Enter Your Email Id:</label>
                                <input type="email" name="email" class="form-control">
                            </div>
                            <div class="form-group">
                                <label class="fw">Enter Your Password:
                                    <a href="javascript:void(0)" class="pull-right">Forgot Password?</a>
                                </label>
                                <input type="password" name="password" class="form-control">
                            </div>
                            <div class="form-group text-right">
                                <button class="btn btn-primary btn-block"
name="submit">Login</button>
                            </div>
                            <div class="form-group text-center">
                                <span class="text-muted">Don't have an account?</span> <a
href="register.php">Register</a> Here..
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </section>
</body>

```

```
        </div>
    </div>
</div>
</section>

<script src="js/jquery.js"></script>
<script src="scripts/bootstrap/bootstrap.min.js"></script>
</body>
</html>
```

Logout.php

```
<?php
session_start();
if(isset($_SESSION['email'])){
    session_destroy();
}
$ref= @$_GET['q'];
header("location:$ref");
?>
```

Logout1.php

```
<?php
session_start();
if(isset($_SESSION['email'])){
    session_destroy();
}
$ref= @$_GET['q'];
header("location:admin.php");
?>
```

Register.php

```
<?php
    include("database.php");
    session_start();

    if(isset($_POST['submit']))
    {
        $name = $_POST['name'];
        $name = stripslashes($name);
        $name = addslashes($name);
```

```

$email = $_POST['email'];
$email = stripslashes($email);
$email = addslashes($email);

$password = $_POST['password'];
$password = stripslashes($password);
$password = addslashes($password);

$college = $_POST['college'];
$college = stripslashes($college);
$college = addslashes($college);
$str="SELECT email from user WHERE email='$email'";
$result=mysqli_query($con,$str);

if((mysqli_num_rows($result))>0)
{
    echo "<center><h3><script>alert('Sorry.. This email is already registered
!!');</script></h3></center>";
    header("refresh:0;url=login.php");
}
else
{
    $str="insert into user set
name='$name',email='$email',password='$password',college='$college'";
    if((mysqli_query($con,$str)))
        echo "<center><h3><script>alert('Congrats.. You have successfully registered
!!');</script></h3></center>";
        header('location: welcome.php?q=1');
    }
}
?>

<!DOCTYPE html>
<html>
<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>Register | Online Quiz System</title>
    <link rel="stylesheet" href="scripts/bootstrap/bootstrap.min.css">
    <link rel="stylesheet" href="scripts/ionicons/css/ionicons.min.css">
    <link rel="stylesheet" href="css/form.css">
    <style type="text/css">
        body{
            width: 100%;

```



```

        background: url(image/book.png) ;
        background-position: center center;
        background-repeat: no-repeat;
        background-attachment: fixed;
        background-size: cover;
    }
</style>
</head>

<body>
    <section class="login first grey">
        <div class="container">
            <div class="box-wrapper">
                <div class="box box-border">
                    <div class="box-body">
                        <center> <h5 style="font-family: Noto Sans;">Register to </h5><h4
style="font-family: Noto Sans;">Online Quiz System</h4></center><br>
                        <form method="post" action="register.php" enctype="multipart/form-data">
                            <div class="form-group">
                                <label>Enter Your Username:</label>
                                <input type="text" name="name" class="form-control" required />
                            </div>
                            <div class="form-group">
                                <label>Enter Your Email Id:</label>
                                <input type="email" name="email" class="form-control" required />
                            </div>
                            <div class="form-group">
                                <label>Enter Your Password:</label>
                                <input type="password" name="password" class="form-control" required
/>

                            </div>
                            <div class="form-group">
                                <label>Enter Your College Name:</label>
                                <input type="text" name="college" class="form-control" required />
                            </div>

                            <div class="form-group text-right">
                                <button class="btn btn-primary btn-block"
name="submit">Register</button>
                            </div>
                            <div class="form-group text-center">
                                <span class="text-muted">Already have an account! </span> <a
href="login.php">Login </a> Here..
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </section>
</body>
</html>

```

```

        </div>
    </div>
</div>
</div>
</section>

<script src="js/jquery.js"></script>
<script src="scripts/bootstrap/bootstrap.min.js"></script>
</body>
</html>

```

Update.php

```

<?php
include_once 'database.php';
session_start();
$email=$_SESSION['email'];

if(isset($_SESSION['key']))
{
    if(@$_GET['demail'] && $_SESSION['key']=='suryapinky')
    {
        $demail=@$_GET['demail'];
        $r1 = mysqli_query($con,"DELETE FROM rank WHERE email='$demail' ") or die('Error');
        $r2 = mysqli_query($con,"DELETE FROM history WHERE email='$demail' ") or
die('Error');
        $result = mysqli_query($con,"DELETE FROM user WHERE email='$demail' ") or
die('Error');
        header("location:dashboard.php?q=1");
    }
}

if(isset($_SESSION['key']))
{
    if(@$_GET['q']=='rmquiz' && $_SESSION['key']=='suryapinky')
    {
        $eid=@$_GET['eid'];
        $result = mysqli_query($con,"SELECT * FROM questions WHERE eid='$eid' ") or
die('Error');
        while($row = mysqli_fetch_array($result))
        {
            $qid = $row['qid'];
            $r1 = mysqli_query($con,"DELETE FROM options WHERE qid='$qid'") or die('Error');
            $r2 = mysqli_query($con,"DELETE FROM answer WHERE qid='$qid' ") or die('Error');
        }
    }
}

```

```

    $r3 = mysqli_query($con,"DELETE FROM questions WHERE eid='$eid' ") or die('Error');
    $r4 = mysqli_query($con,"DELETE FROM quiz WHERE eid='$eid' ") or die('Error');
    $r4 = mysqli_query($con,"DELETE FROM history WHERE eid='$eid' ") or die('Error');
    header("location:dashboard.php?q=5");
}
}

if(isset($_SESSION['key']))
{
    if(@$_GET['q']== 'addquiz' && $_SESSION['key']=='suryapinky')
    {
        $name = $_POST['name'];
        $name= ucwords(strtolower($name));
        $total = $_POST['total'];
        $sahi = $_POST['right'];
        $wrong = $_POST['wrong'];
        $id=uniqid();
        $q3=mysqli_query($con,"INSERT INTO quiz VALUES ('$id','$name' , '$sahi' ,
'$wrong','$total', NOW())");
        header("location:dashboard.php?q=4&step=2&eid=$id&n=$total");
    }
}

if(isset($_SESSION['key']))
{
    if(@$_GET['q']== 'addqns' && $_SESSION['key']=='suryapinky')
    {
        $n=@$_GET['n'];
        $eid=@$_GET['eid'];
        $ch=@$_GET['ch'];
        for($i=1;$i<=$n;$i++)
        {
            $qid=uniqid();
            $qns=$_POST['qns'].$i];
            $q3=mysqli_query($con,"INSERT INTO questions VALUES ('$eid','$qid','$qns' , '$ch' ,
'$i')");
            $oaid=uniqid();
            $obid=uniqid();
            $socid=uniqid();
            $odid=uniqid();
            $a=$_POST[$i.'1'];
            $b=$_POST[$i.'2'];
            $c=$_POST[$i.'3'];
            $d=$_POST[$i.'4'];

```

```

    $qa=mysqli_query($con,"INSERT INTO options VALUES ('$qid','$a','$soaid')") or
die('Error61');
    $qb=mysqli_query($con,"INSERT INTO options VALUES ('$qid','$b','$sobid')") or
die('Error62');
    $qc=mysqli_query($con,"INSERT INTO options VALUES ('$qid','$c','$socid')") or
die('Error63');
    $qd=mysqli_query($con,"INSERT INTO options VALUES ('$qid','$d','$sodid')") or
die('Error64');
    $e=$_POST['ans'.$i];
    switch($e)
    {
        case 'a': $ansid=$soaid; break;
        case 'b': $ansid=$sobid; break;
        case 'c': $ansid=$socid; break;
        case 'd': $ansid=$sodid; break;
        default: $ansid=$soaid;
    }
    $qans=mysqli_query($con,"INSERT INTO answer VALUES ('$qid','$ansid')");
}
header("location:dashboard.php?q=0");
}
}

if(@$_GET['q']== 'quiz' && @$_GET['step']== 2)
{
    $eid=@$_GET['eid'];
    $sn=@$_GET['n'];
    $total=@$_GET['t'];
    $ans=$_POST['ans'];
    $qid=@$_GET['qid'];
    $q=mysqli_query($con,"SELECT * FROM answer WHERE qid='$qid' ");
    while($row=mysqli_fetch_array($q) )
    { $ansid=$row['ansid']; }
    if($ans == $ansid)
    {
        $q=mysqli_query($con,"SELECT * FROM quiz WHERE eid='$eid' ");
        while($row=mysqli_fetch_array($q) )
        {
            $sahi=$row['sahi'];
        }
        if($sn == 1)
        {
            $q=mysqli_query($con,"INSERT INTO history VALUES('$email','$eid'
,'0','0','0','0',NOW())")or die('Error');
        }
    }
}

```

```

    $q=mysqli_query($con,"SELECT * FROM history WHERE eid='$eid' AND email='$email'
")or die('Error115');
    while($row=mysqli_fetch_array($q) )
    {
        $s=$row['score'];
        $r=$row['sahi'];
    }
    $r++;
    $s=$s+$sahi;
    $q=mysqli_query($con,"UPDATE `history` SET `score`=$s,`level`=$sn,`sahi`=$r, date=
NOW() WHERE email = '$email' AND eid = '$eid'")or die('Error124');
}
else
{
    $q=mysqli_query($con,"SELECT * FROM quiz WHERE eid='$eid' ")or die('Error129');
    while($row=mysqli_fetch_array($q) )
    {
        $wrong=$row['wrong'];
    }
    if($sn == 1)
    {
        $q=mysqli_query($con,"INSERT INTO history VALUES('$email','$eid'
,'0','0','0','0',NOW() )"or die('Error137');
    }
    $q=mysqli_query($con,"SELECT * FROM history WHERE eid='$eid' AND email='$email'
")or die('Error139');
    while($row=mysqli_fetch_array($q) )
    {
        $s=$row['score'];
        $w=$row['wrong'];
    }
    $w++;
    $s=$s-$wrong;
    $q=mysqli_query($con,"UPDATE `history` SET `score`=$s,`level`=$sn,`wrong`=$w,
date=NOW() WHERE email = '$email' AND eid = '$eid'")or die('Error147');
}
if($sn != $total)
{
    $sn++;
    header("location:welcome.php?q=quiz&step=2&eid=$eid&n=$sn&t=$total")or
die('Error152');
}
else if( $_SESSION['key']!='suryapinky')
{

```

```

    $q=mysqli_query($con,"SELECT score FROM history WHERE eid='$eid' AND
email='$email'" )or die('Error156');
    while($row=mysqli_fetch_array($q) )
    {
        $s=$row['score'];
    }
    $q=mysqli_query($con,"SELECT * FROM rank WHERE email='$email'" )or
die('Error161');
    $rowcount=mysqli_num_rows($q);
    if($rowcount == 0)
    {
        $q2=mysqli_query($con,"INSERT INTO rank VALUES('$email','$s',NOW())")or
die('Error165');
    }
    else
    {
        while($row=mysqli_fetch_array($q) )
        {
            $sun=$row['score'];
        }
        $sun=$s+$sun;
        $q=mysqli_query($con,"UPDATE `rank` SET `score`=$sun ,time=NOW() WHERE email=
'$email'" )or die('Error174');
    }
    header("location:welcome.php?q=result&eid=$eid");
}
else
{
    header("location:welcome.php?q=result&eid=$eid");
}
}

if(@$_GET['q']== 'quizre' && @$_GET['step']== 25 )
{
    $eid=@$_GET['eid'];
    $n=@$_GET['n'];
    $t=@$_GET['t'];
    $q=mysqli_query($con,"SELECT score FROM history WHERE eid='$eid' AND
email='$email'" )or die('Error156');
    while($row=mysqli_fetch_array($q) )
    {
        $s=$row['score'];
    }
    $q=mysqli_query($con,"DELETE FROM `history` WHERE eid='$eid' AND email='$email' "
)or die('Error184');

```

```
$q=mysqli_query($con,"SELECT * FROM rank WHERE email='$email'" )or die('Error161');
while($row=mysqli_fetch_array($q) )
{
    $sun=$row['score'];
}
$sun=$sun-$s;
$q=mysqli_query($con,"UPDATE `rank` SET `score`=$sun ,time=NOW() WHERE email=
'$email'")or die('Error174');
header("location:welcome.php?q=quiz&step=2&eid=$eid&n=1&t=$t");
}
?>
```

Welcome.php

```
<?php
include_once 'database.php';
session_start();
if(!(isset($_SESSION['email'])))
{
    header("location:login.php");
}
else
{
    $name = $_SESSION['name'];
    $email = $_SESSION['email'];
    include_once 'database.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>Welcome | Online Quiz System</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet" href="css/bootstrap-theme.min.css"/>
    <link rel="stylesheet" href="css/welcome.css">
    <link rel="stylesheet" href="css/font.css">
    <script src="js/jquery.js" type="text/javascript"></script>
    <script src="js/bootstrap.min.js" type="text/javascript"></script>
</head>
<body>
```

```

<nav class="navbar navbar-default title1">
  <div class="container-fluid">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-1" aria-expanded="false">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="#"><b>Online Quiz System</b></a>
    </div>

    <!-- Collect the nav links, forms, and other content for toggling -->
    <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
      <ul class="nav navbar-nav navbar-left">
        <li <?php if(@$_GET['q']==1) echo'class="active"'; ?> <a
href="welcome.php?q=1"><span class="glyphicon glyphicon-home" aria-
hidden="true"></span>&nbsp;Home<span class="sr-only">(current)</span></a></li>
        <li <?php if(@$_GET['q']==2) echo'class="active"'; ?> <a
href="welcome.php?q=2"><span class="glyphicon glyphicon-list-alt" aria-
hidden="true"></span>&nbsp;History</a></li>
        <li <?php if(@$_GET['q']==3) echo'class="active"'; ?> <a
href="welcome.php?q=3"><span class="glyphicon glyphicon-stats" aria-
hidden="true"></span>&nbsp;Ranking</a></li>

      </ul>
      <ul class="nav navbar-nav navbar-right">
        <li <?php echo"; ?> <a href="logout.php?q=welcome.php"><span class="glyphicon
glyphicon-log-out" aria-hidden="true"></span>&nbsp;Log out</a></li>
      </ul>

    </div>
  </div>
</nav>
<br><br>
<div class="container">
  <div class="row">
    <div class="col-md-12">
      <?php if(@$_GET['q']==1)
      {

```



```

$result = mysqli_query($con,"SELECT * FROM quiz ORDER BY date DESC") or
die('Error');
echo '<div class="panel"><div class="table-responsive"><table class="table table-
striped title1">
    <tr><td><center><b>S.N.</b></center></td><td><center><b>Topic</b></center>
</td><td><center><b>Total
question</b></center></td><td><center><b>Marks</center></b></td><td><center><b>Action
</b></center></td></tr>';
    $c=1;
    while($row = mysqli_fetch_array($result)) {
        $title = $row['title'];
        $total = $row['total'];
        $sahi = $row['sahi'];
        $eid = $row['eid'];
        $q12=mysqli_query($con,"SELECT score FROM history WHERE eid='$eid' AND
email='$email'" )or die('Error98');
        $rowcount=mysqli_num_rows($q12);
        if($rowcount == 0){
            echo
'<tr><td><center>'. $c++. '</center></td><td><center>'. $title. '</center></td><td><center>'. $total
.</center></td><td><center>'. $sahi* $total. '</center></td><td><center><b><a
href="welcome.php?q=quiz&step=2&eid='.$eid.'&n=1&t='.$total.'" class="btn sub1"
style="color:black;margin:0px;background:#1de9b6"><span class="glyphicon glyphicon-new-
window" aria-hidden="true"></span>&nbsp;<span
class="title1"><b>Start</b></span></a></b></center></td></tr>';
        }
        else
        {
            echo '<tr
style="color:#99cc32"><td><center>'. $c++. '</center></td><td><center>'. $title. '&nbsp;<span
title="This quiz is already solve by you" class="glyphicon glyphicon-ok" aria-
hidden="true"></span></center></td><td><center>'. $total. '</center></td><td><center>'. $sahi*
$total. '</center></td><td><center><b><a
href="update.php?q=quizre&step=25&eid='.$eid.'&n=1&t='.$total.'" class="pull-right btn sub1"
style="color:black;margin:0px;background:red"><span class="glyphicon glyphicon-repeat" aria-
hidden="true"></span>&nbsp;<span
class="title1"><b>Restart</b></span></a></b></center></td></tr>';
        }
    }
    $c=0;
    echo '</table></div></div>';
}??>

<?php
if(@$_GET['q']== 'quiz' && @$_GET['step']== 2)

```

```

{
    $eid=@$_GET['eid'];
    $sn=@$_GET['n'];
    $total=@$_GET['t'];
    $q=mysqli_query($con,"SELECT * FROM questions WHERE eid='$eid' AND
sn='$sn' ");
    echo '<div class="panel" style="margin:5%">';
    while($row=mysqli_fetch_array($q) )
    {
        $qns=$row['qns'];
        $qid=$row['qid'];
        echo '<b>Question &nbsp;';.$sn.'&nbsp;::<br /><br />'.$qns.'</b><br /><br />';
    }
    $q=mysqli_query($con,"SELECT * FROM options WHERE qid='$qid' ");
    echo '<form
action="update.php?q=quiz&step=2&eid='.$eid.'&n='.$sn.'&t='.$total.'&qid='.$qid.'"
method="POST" class="form-horizontal">
    <br />';

    while($row=mysqli_fetch_array($q) )
    {
        $option=$row['option'];
        $optionid=$row['optionid'];
        echo '<input type="radio" name="ans"
value="'.$optionid.'">&nbsp;'.$option.'<br /><br />';
    }
    echo '<br /><button type="submit" class="btn btn-primary"><span
class="glyphicon glyphicon-lock" aria-
hidden="true"></span>&nbsp;Submit</button></form></div>';
}

if(@$_GET['q']== 'result' && @$_GET['eid'])
{
    $eid=@$_GET['eid'];
    $q=mysqli_query($con,"SELECT * FROM history WHERE eid='$eid' AND
email='$email' " )or die('Error157');
    echo '<div class="panel">
    <center><h1 class="title" style="color:#660033">Result</h1><center><br
/><table class="table table-striped title1" style="font-size:20px;font-weight:1000;">';

    while($row=mysqli_fetch_array($q) )
    {
        $s=$row['score'];
        $w=$row['wrong'];
        $r=$row['sahi'];

```

```

        $qa=$row['level'];
        echo '<tr style="color:#66CCFF"><td>Total
Questions</td><td>'.$qa.'</td></tr>
        <tr style="color:#99cc32"><td>right Answer&nbsp;<span class="glyphicon
glyphicon-ok-circle" aria-hidden="true"></span></td><td>'.$r.'</td></tr>
        <tr style="color:red"><td>Wrong Answer&nbsp;<span class="glyphicon
glyphicon-remove-circle" aria-hidden="true"></span></td><td>'.$w.'</td></tr>
        <tr style="color:#66CCFF"><td>Score&nbsp;<span class="glyphicon
glyphicon-star" aria-hidden="true"></span></td><td>'.$s.'</td></tr>';
    }
    $q=mysqli_query($con,"SELECT * FROM rank WHERE email='$email' ")or
die('Error157');
    while($row=mysqli_fetch_array($q) )
    {
        $s=$row['score'];
        echo '<tr style="color:#990000"><td>Overall Score&nbsp;<span
class="glyphicon glyphicon-stats" aria-hidden="true"></span></td><td>'.$s.'</td></tr>';
    }
    echo '</table></div>';
}
?>

<?php
if(@$_GET['q']== 2)
{
    $q=mysqli_query($con,"SELECT * FROM history WHERE email='$email'
ORDER BY date DESC ")or die('Error197');
    echo '<div class="panel title">
    <table class="table table-striped title1" >
    <tr
style="color:black;"><td><center><b>S.N.</b></center></td><td><center><b>Quiz</b></cent
er></td><td><center><b>Question
Solved</b></center></td><td><center><b>Right</b></center></td><td><center><b>Wrong<b
></center></td><td><center><b>Score</b></center></td>';
    $c=0;
    while($row=mysqli_fetch_array($q) )
    {
        $eid=$row['eid'];
        $s=$row['score'];
        $w=$row['wrong'];
        $r=$row['sahi'];
        $qa=$row['level'];
        $q23=mysqli_query($con,"SELECT title FROM quiz WHERE eid='$eid' ")or
die('Error208');

```

```

        while($row=mysqli_fetch_array($q23) )
        { $title=$row['title']; }
        $c++;
        echo
'<tr><td><center>'. $c.'</center></td><td><center>'. $title.'</center></td><td><center>'. $qa.'</c
enter></td><td><center>'. $r.'</center></td><td><center>'. $w.'</center></td><td><center>'. $s.'
</center></td></tr>';
        }
        echo'</table></div>';
    }

    if(@$_GET['q']== 3)
    {
        $q=mysqli_query($con,"SELECT * FROM rank ORDER BY score DESC ")or
die('Error223');
        echo '<div class="panel title"><div class="table-responsive">
<table class="table table-striped title1 " >
<tr
style="color:red"><td><center><b>Rank</b></center></td><td><center><b>Name</b></cente
r></td><td><center><b>Email</b></center></td><td><center><b>Score</b></center></td></t
r>';

        $c=0;

        while($row=mysqli_fetch_array($q) )
        {
            $e=$row['email'];
            $s=$row['score'];
            $q12=mysqli_query($con,"SELECT * FROM user WHERE email='$e' ")or
die('Error231');
            while($row=mysqli_fetch_array($q12) )
            {
                $name=$row['name'];
            }
            $c++;
            echo '<tr><td
style="color:black"><center><b>'. $c.'</b></center></td><td><center>'. $name.'</center></td><
td><center>'. $e.'</center></td><td><center>'. $s.'</center></td></tr>';
        }
        echo '</table></div></div>';
    }
?>
</body>
</html>

```

SQL Code

-- phpMyAdmin SQL Dump

-- version 4.7.7

-- <https://www.phpmyadmin.net/>

--

-- Host: 127.0.0.1

-- Generation Time: Jun 04, 2018 at 08:02 AM

-- Server version: 10.1.30-MariaDB

-- PHP Version: 7.2.2

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";

SET AUTOCOMMIT = 0;

START TRANSACTION;

SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;

/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;

/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;

/*!40101 SET NAMES utf8mb4 */;

--

-- Database: `exam`

--

-- -----

--

-- Table structure for table `admin`

--

```
CREATE TABLE `admin` (  
  `admin_id` int(11) NOT NULL,  
  `email` varchar(50) NOT NULL,  
  `password` varchar(500) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

--

-- Dumping data for table `admin`

--

```
INSERT INTO `admin` (`admin_id`, `email`, `password`) VALUES  
(1, 'd.hirushima@gmail.com', 'pinkylove');
```

-- -----

--

-- Table structure for table `answer`

--

```
CREATE TABLE `answer` (  
  `qid` text NOT NULL,  
  `ansid` text NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

--

-- Dumping data for table `answer`

--

INSERT INTO `answer` (`qid`, `ansid`) VALUES

('5b13ed3a6e006', '5b13ed3a9436a'),
('5b13ed72489d8', '5b13ed7263d70'),
('5b141d712647f', '5b141d71485b9'),
('5b141d718f873', '5b141d71978be'),
('5b141d71ddb46', '5b141d71e5f43'),
('5b141d721a738', '5b141d7222884'),
('5b141d7260b7d', '5b141d7268b9a'),
('5b141d72a6fa1', '5b141d72aefcb'),
('5b141d72d7a1c', '5b141d72dfa7b'),
('5b141d731429b', '5b141d731c234'),
('5b141d7345176', '5b141d734cd1b'),
('5b141d737ddfc', '5b141d73858df'),
('5b1422651fdde', '5b1422654ab51'),
('5b14226574ed5', '5b1422657d064'),
('5b142265b5d08', '5b142265c09f5'),
('5b1422661d93f', '5b14226635e0d'),
('5b14226663cf4', '5b1422666bf2b'),
('5b1422669481b', '5b1422669c8ea'),
('5b142266c525c', '5b142266cd369'),
('5b14226711d91', '5b14226719fb1'),
('5b1422674286d', '5b1422674a9ee'),
('5b1422677371f', '5b1422677b3fc');

```
-- -----  
  
--  
-- Table structure for table `history`  
--  
  
CREATE TABLE `history` (  
  `email` varchar(50) NOT NULL,  
  `eid` text NOT NULL,  
  `score` int(11) NOT NULL,  
  `level` int(11) NOT NULL,  
  `sahi` int(11) NOT NULL,  
  `wrong` int(11) NOT NULL,  
  `date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE  
  CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;  
  
--  
-- Dumping data for table `history`  
--  
  
INSERT INTO `history` (`email`, `eid`, `score`, `level`, `sahi`, `wrong`, `date`) VALUES  
('suryaprasadtripathy8@gmail.com', '5b141b8009cf0', 22, 10, 8, 2, '2018-06-03 16:56:00'),  
('pinky@gmail.com', '5b141b8009cf0', 30, 10, 10, 0, '2018-06-03 16:57:45'),  
('priyanka@gmail.com', '5b141b8009cf0', 22, 10, 8, 2, '2018-06-03 16:59:06'),  
('suryaprasadtripathy8@gmail.com', '5b141f1e8399e', 26, 10, 9, 1, '2018-06-03 17:17:26');  
  
-- -----
```


--

-- Table structure for table `options`

--

```
CREATE TABLE `options` (  
  `qid` varchar(50) NOT NULL,  
  `option` varchar(5000) NOT NULL,  
  `optionid` text NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

--

-- Dumping data for table `options`

--

```
INSERT INTO `options` (`qid`, `option`, `optionid`) VALUES  
(  
'5b13ed3a6e006', 'sdb', '5b13ed3a9436a'),  
(  
'5b13ed3a6e006', 'jsdb', '5b13ed3a94374'),  
(  
'5b13ed3a6e006', 'dsbv', '5b13ed3a94377'),  
(  
'5b13ed3a6e006', 'jbdv', '5b13ed3a94379'),  
(  
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(  
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(  
'5b13ed72489d8', 'vsdv', '5b13ed7263d7d'),  
(  
'5b13ed72489d8', 'vsdv', '5b13ed7263d80'),  
(  
'5b141d712647f', 'Personal Home Page', '5b141d71485b9'),  
(  
'5b141d712647f', 'Private Home Page', '5b141d71485dc'),  
(  
'5b141d712647f', 'Pretext Hypertext Processor', '5b141d71485e0'),  
(  
'5b141d712647f', 'Preprocessor Home Page', '5b141d71485e4'),  
(  
'5b141d718f873', 'Rasmus Lerdorf', '5b141d71978be'),
```

('5b141d718f873', 'Willam Makepiece', '5b141d71978cc'),
('5b141d718f873', 'Drek Kolkevi', '5b141d71978d1'),
('5b141d718f873', 'List Barely', '5b141d71978d4'),
('5b141d71ddb46', '.html', '5b141d71e5f2b'),
('5b141d71ddb46', '.ph', '5b141d71e5f3c'),
('5b141d71ddb46', '.php', '5b141d71e5f43'),
('5b141d71ddb46', '.xml', '5b141d71e5f48'),
('5b141d721a738', 'for loop', '5b141d7222820'),
('5b141d721a738', 'do-while loop', '5b141d722282f'),
('5b141d721a738', 'foreach loop', '5b141d7222880'),
('5b141d721a738', 'All of the above', '5b141d7222884'),
('5b141d7260b7d', 'echo (â€œHello Worldâ€œ);', '5b141d7268b8a'),
('5b141d7260b7d', 'print (â€œHello Worldâ€œ);', '5b141d7268b95'),
('5b141d7260b7d', 'printf (â€œHello Worldâ€œ);', '5b141d7268b98'),
('5b141d7260b7d', 'All of the above', '5b141d7268b9a'),
('5b141d72a6fa1', 'file()', '5b141d72aefcb'),
('5b141d72a6fa1', 'arr_file()', '5b141d72aefd8'),
('5b141d72a6fa1', 'arrfile()', '5b141d72aefdc'),
('5b141d72a6fa1', 'file_arr()', '5b141d72aefe0'),
('5b141d72d7a1c', 'Magic Function', '5b141d72dfa7b'),
('5b141d72d7a1c', 'Inbuilt Function', '5b141d72dfa85'),
('5b141d72d7a1c', 'Default Function', '5b141d72dfa88'),
('5b141d72d7a1c', 'User Defined Function', '5b141d72dfa8b'),
('5b141d731429b', 'CREATE TABLE table_name (column_name column_type);',
'5b141d731c234'),
('5b141d731429b', 'CREATE table_name (column_type column_name);', '5b141d731c242'),
('5b141d731429b', 'CREATE table_name (column_name column_type);', '5b141d731c248'),
('5b141d731429b', 'CREATE TABLE table_name (column_type column_name);',
'5b141d731c24b'),

('5b141d7345176', 'get_array() and get_row()', '5b141d734cd10'),
('5b141d7345176', 'fetch_array() and fetch_row()', '5b141d734cd1b'),
('5b141d7345176', 'get_array() and get_column()', '5b141d734cd1d'),
('5b141d7345176', 'fetch_array() and fetch_column()', '5b141d734cd20'),
('5b141d737ddfc', 'explode()', '5b141d73858d0'),
('5b141d737ddfc', 'implode()', '5b141d73858df'),
('5b141d737ddfc', 'concat()', '5b141d73858e3'),
('5b141d737ddfc', 'concatenate()', '5b141d73858e8'),
('5b1422651fdde', '32 bits', '5b1422654ab3a'),
('5b1422651fdde', '128 bytes', '5b1422654ab48'),
('5b1422651fdde', '64 bits', '5b1422654ab4d'),
('5b1422651fdde', '16 bytes', '5b1422654ab51'),
('5b14226574ed5', 'IP', '5b1422657d052'),
('5b14226574ed5', 'TCP', '5b1422657d05f'),
('5b14226574ed5', 'UDP', '5b1422657d064'),
('5b14226574ed5', 'ARP', '5b1422657d069'),
('5b142265b5d08', 'Session layer', '5b142265c09e3'),
('5b142265b5d08', 'Physical layer', '5b142265c09f5'),
('5b142265b5d08', 'Data Link layer', '5b142265c09fa'),
('5b142265b5d08', 'Application layer', '5b142265c09ff'),
('5b1422661d93f', '12.0.0.1', '5b14226635df5'),
('5b1422661d93f', '168.172.19.39', '5b14226635e04'),
('5b1422661d93f', '172.15.14.36', '5b14226635e09'),
('5b1422661d93f', '192.168.24.43', '5b14226635e0d'),
('5b14226663cf4', 'Application', '5b1422666bf2b'),
('5b14226663cf4', 'Presentation', '5b1422666bf39'),
('5b14226663cf4', 'Session', '5b1422666bf3e'),
('5b14226663cf4', 'Transport', '5b1422666bf42'),

```
('5b1422669481b', 'VTP', '5b1422669c8dc'),
('5b1422669481b', 'STP', '5b1422669c8ea'),
('5b1422669481b', 'RIP', '5b1422669c8ef'),
('5b1422669481b', 'CDP', '5b1422669c8f3'),
('5b142266c525c', '14', '5b142266cd353'),
('5b142266c525c', '15', '5b142266cd361'),
('5b142266c525c', '16', '5b142266cd365'),
('5b142266c525c', '30', '5b142266cd369'),
('5b14226711d91', '255.255.255.192', '5b14226719fa0'),
('5b14226711d91', '255.255.255.224', '5b14226719fb1'),
('5b14226711d91', '255.255.255.240', '5b14226719fb7'),
('5b14226711d91', '255.255.255.248', '5b14226719fbb'),
('5b1422674286d', '6', '5b1422674a9ee'),
('5b1422674286d', '8', '5b1422674aa01'),
('5b1422674286d', '30', '5b1422674aa06'),
('5b1422674286d', '32', '5b1422674aa0b'),
('5b1422677371f', '127.0.0.0', '5b1422677b3e9'),
('5b1422677371f', '1.0.0.127', '5b1422677b3f7'),
('5b1422677371f', '127.0.0.1', '5b1422677b3fc'),
('5b1422677371f', '127.0.0.255', '5b1422677b400');
```

-- -----

--

-- Table structure for table `questions`

--

CREATE TABLE `questions` (

```
`eid` text NOT NULL,  
`qid` text NOT NULL,  
`qns` text NOT NULL,  
`choice` int(10) NOT NULL,  
`sn` int(11) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;  
  
--  
-- Dumping data for table `questions`  
--  
  
INSERT INTO `questions` (`eid`, `qid`, `qns`, `choice`, `sn`) VALUES  
(  
'5b13ed30cd71f', '5b13ed3a6e006', 'dbjb', 4, 1),  
(  
'5b13ed6bb8bcd', '5b13ed72489d8', 'dvsd', 4, 1),  
(  
'5b141b8009cf0', '5b141d712647f', 'What does PHP stand for?', 4, 1),  
(  
'5b141b8009cf0', '5b141d718f873', 'Who is the father of PHP?', 4, 2),  
(  
'5b141b8009cf0', '5b141d71ddb46', 'PHP files have a default file extension of.', 4, 3),  
(  
'5b141b8009cf0', '5b141d721a738', 'Which of the looping statements is/are supported by PHP?',  
4, 4),  
(  
'5b141b8009cf0', '5b141d7260b7d', 'Which of the following PHP statements will output Hello  
World on the screen?', 4, 5),  
(  
'5b141b8009cf0', '5b141d72a6fa1', 'Which one of the following function is capable of reading a  
file into an array?', 4, 6),  
(  
'5b141b8009cf0', '5b141d72d7a1c', 'A function in PHP which starts with __ (double underscore)  
is know as..', 4, 7),  
(  
'5b141b8009cf0', '5b141d731429b', 'Which one of the following statements is used to create a  
table?', 4, 8),  
(  
'5b141b8009cf0', '5b141d7345176', 'Which of the methods are used to manage result sets using  
both associative and indexed arrays?', 4, 9),  
(  
'5b141b8009cf0', '5b141d737ddfc', 'Which one of the following functions can be used to  
concatenate array elements to form a single delimited string?', 4, 10),
```

('5b141f1e8399e', '5b1422651fdde', 'How long is an IPv6 address?', 4, 1),
('5b141f1e8399e', '5b14226574ed5', 'Which protocol does DHCP use at the Transport layer?', 4, 2),
('5b141f1e8399e', '5b142265b5d08', 'Where is a hub specified in the OSI model?', 4, 3),
('5b141f1e8399e', '5b1422661d93f', 'Which of the following is private IP address?', 4, 4),
('5b141f1e8399e', '5b14226663cf4', 'If you use either Telnet or FTP, which is the highest layer you are using to transmit data?', 4, 5),
('5b141f1e8399e', '5b1422669481b', 'Which of the following is a layer 2 protocol used to maintain a loop-free network?', 4, 6),
('5b141f1e8399e', '5b142266c525c', 'What is the maximum number of IP addresses that can be assigned to hosts on a local subnet that uses the 255.255.255.224 subnet mask?', 4, 7),
('5b141f1e8399e', '5b14226711d91', 'You need to subnet a network that has 5 subnets, each with at least 16 hosts. Which classful subnet mask would you use?', 4, 8),
('5b141f1e8399e', '5b1422674286d', 'You have an interface on a router with the IP address of 192.168.192.10/29. Including the router interface, how many hosts can have IP addresses on the LAN attached to the router interface?', 4, 9),
('5b141f1e8399e', '5b1422677371f', 'To test the IP stack on your local host, which IP address would you ping?', 4, 10);

--

-- Table structure for table `quiz`

--

```
CREATE TABLE `quiz` (  
  `eid` text NOT NULL,  
  `title` varchar(100) NOT NULL,  
  `sahi` int(11) NOT NULL,  
  `wrong` int(11) NOT NULL,  
  `total` int(11) NOT NULL,
```

```
`date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE  
CURRENT_TIMESTAMP
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
```

```
-- Dumping data for table `quiz`
```

```
--
```

```
INSERT INTO `quiz` (`eid`, `title`, `sahi`, `wrong`, `total`, `date`) VALUES  
(  
'5b141b8009cf0', 'Php & Mysqli', 3, 1, 10, '2018-06-03 16:46:56'),  
(  
'5b141f1e8399e', 'Ip Networking', 3, 1, 10, '2018-06-03 17:02:22');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `rank`
```

```
--
```

```
CREATE TABLE `rank` (  
  `email` varchar(50) NOT NULL,  
  `score` int(11) NOT NULL,  
  `time` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE  
  CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
```

```
-- Dumping data for table `rank`
```

```
--
```

```
INSERT INTO `rank` (`email`, `score`, `time`) VALUES
('pinky@gmail.com', 30, '2018-06-03 16:57:45'),
('priyanka@gmail.com', 22, '2018-06-03 16:59:06');
```

```
-- -----
```

```
--
-- Table structure for table `user`
--
```

```
CREATE TABLE `user` (
  `name` varchar(50) NOT NULL,
  `college` varchar(100) NOT NULL,
  `email` varchar(50) NOT NULL,
  `password` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
-- Dumping data for table `user`
--
```

```
INSERT INTO `user` (`name`, `college`, `email`, `password`) VALUES
('Natasha Hewage', 'ACBT', 'Kollupitiya', 'yomal@gmail.com', 'pinky'),
('Yomal Sirisena', 'ESOFT', 'Galle', 'yomal@gmail.com', 'pinka');
```

```
--
-- Indexes for dumped tables
--
```



```
--  
-- Indexes for table `admin`  
--  
ALTER TABLE `admin`  
  ADD PRIMARY KEY (`admin_id`);  
  
--  
-- Indexes for table `user`  
--  
ALTER TABLE `user`  
  ADD PRIMARY KEY (`email`);  
  
--  
-- AUTO_INCREMENT for dumped tables  
--  
  
--  
-- AUTO_INCREMENT for table `admin`  
--  
ALTER TABLE `admin`  
  MODIFY `admin_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;  
COMMIT;  
  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

3. Evaluation of Design

Structure of the Design Quiz Website

Administrator Login

- Add Quiz
- Users
- Remove Quiz
- Ranking

Students Login

- Topic
- Total Marks
- History
- Ranking

System Design

This phase involves studying the need specifications from the previous phase and preparing the system design. This system design aids in determining the overall system architecture as well as the hardware and system requirements.

Implementation

The system is first constructed in little programs known as units using inputs from the system design; these units are then combined in the subsequent phase. Unit testing is the process of developing and evaluating each unit for functionality.

Integration and Testing

After each unit is tested, all of the units created during the implementation phase are combined into a single system. The entire system is tested for errors and malfunctions after integration.

Deployment of System

The product is either released into the market or deployed in the client environment once both functional and non-functional testing is completed.

Maintenance

The client environment presents certain challenges. Patches are made available to address those problems. Better versions of the product are also released in an effort to improve it. To implement these modifications in the client environment, maintenance is carried out.

Tools and Techniques

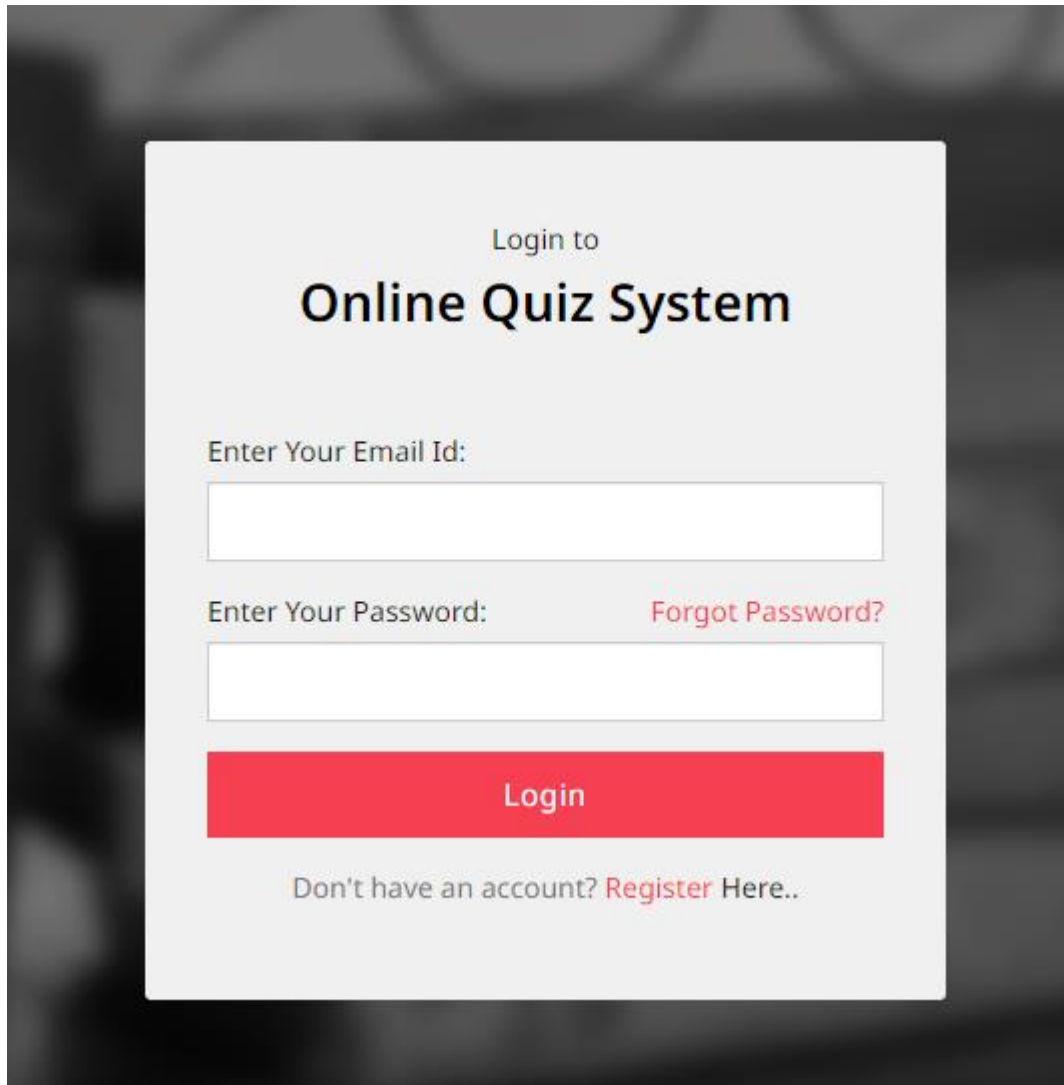
- Xampp
- PHP
- Mysql
- HTML
- Java Script
- Css

Security

The system has to be shielded from unwanted access. where access is restricted to those who have authenticated their usernames and passwords.



Figure 1 : Login Page



The image shows a login form for an 'Online Quiz System'. The form is centered on a dark, blurred background. It features a light gray rectangular container with the following elements: a title 'Login to Online Quiz System', two input fields for 'Email Id' and 'Password', a red 'Login' button, and a link to 'Register Here..'. The 'Forgot Password?' link is positioned to the right of the password input field.

Login to
Online Quiz System

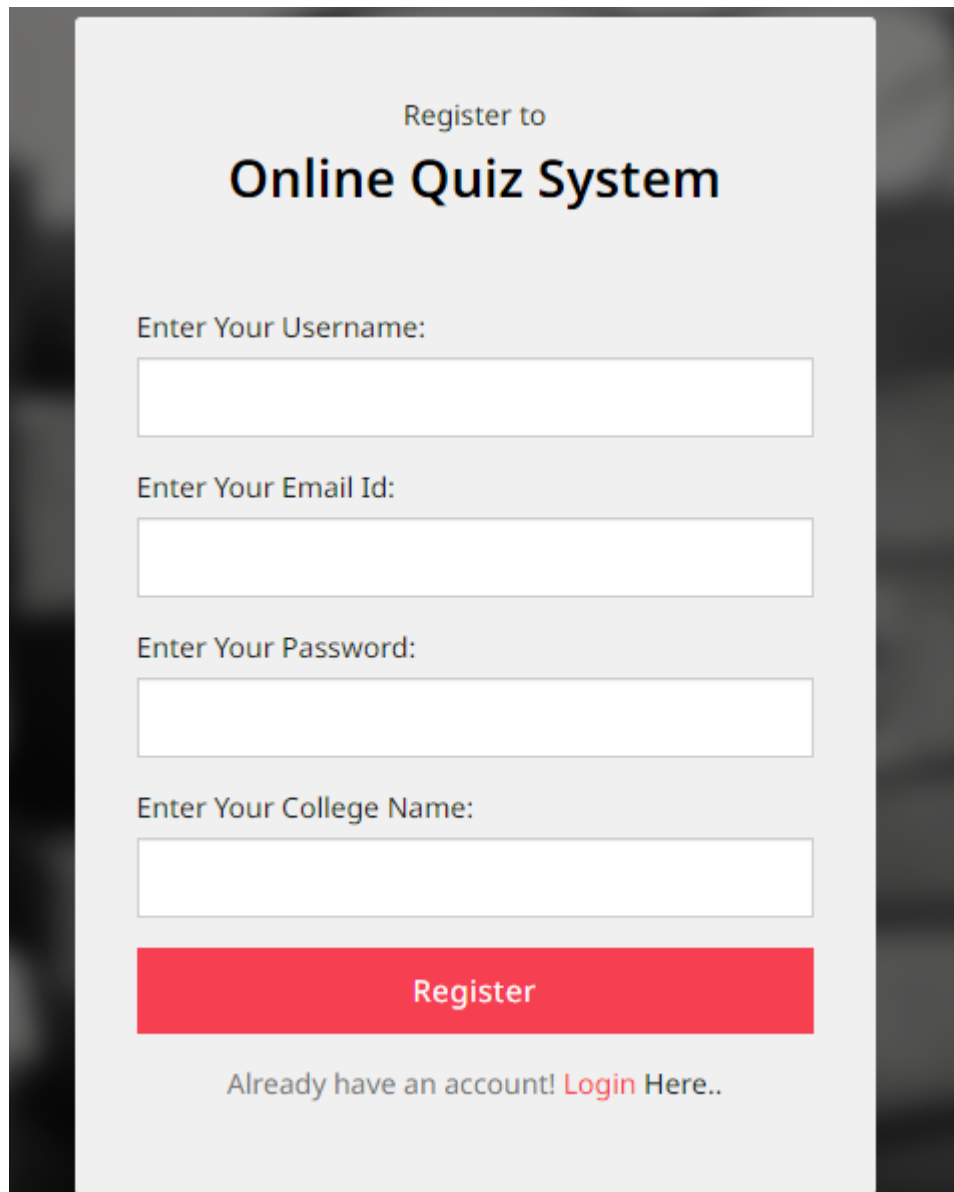
Enter Your Email Id:

Enter Your Password: [Forgot Password?](#)

Login

Don't have an account? [Register Here..](#)

Figure 2: Admin Dashboard



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..

Figure 3: Register

4. Discussion

Q1

In your own words, give three reasons that the author gives for not using frameworks. What arguments does he give for these reasons?

1. Over-reliance on frameworks leads to a lack of understanding

According to the author, frameworks can encourage reliance on pre-made solutions, which hinders developers' capacity to gain a thorough understanding of the underlying technology. Developers that rely too heavily on frameworks run the risk of not understanding basic ideas like HTTP, SQL, or JavaScript, which are essential for creating reliable applications. The author stresses how crucial it is to comprehend these fundamentals in order to escape becoming caught up in framework constraints.

2. Frameworks can perpetuate imposter syndrome

A further argument put out is that developers may experience imposter syndrome as a result of an over-reliance on frameworks. This happens when people feel unqualified or dishonest in their jobs due to a poor grasp of the technologies they employ daily. Developers may pursue the newest frameworks rather than learning the fundamentals, which can lead to a cycle of insecurity and a reliance on outside tools rather than internal expertise.

3. Frameworks limit creativity and innovation

The author contends that frameworks impede developers' capacity for innovation and creative thought by imposing a set of preexisting assumptions and constraints. Strict adherence to a framework's standards and abstractions may deny developers the flexibility to investigate other options that better fit their unique requirements. This restriction on creativity may hinder the creation of original and creative ventures, making developers into little more than implementers of other people's ideas rather than independent creators.

In conclusion, the author makes a strong argument against the mindless acceptance of frameworks, stressing the dangers of over-reliance, the continuation of the imposter syndrome, and the restriction of creative expression.

Q2

In your view, what do you think is the most important reason the author gives against using frameworks? Do you agree or disagree with the argument the author gives in support of this reason?

The main point made by the author against adopting frameworks is that they can result in a technology jumble that resembles a Frankenstein's monster rather than a well-organized solution. The analogy of constructing a bike and then integrating parts from a car to create a complex and dysfunctional hybrid serves to explain this idea.

The author makes a strong case against the Frankenstein framework, and I agree. Confusion and complexity can indeed result from combining different technologies without having a thorough understanding of their underlying principles. These hybrids, like a banana split with an unexpected topping, could look good at first but end up being inconsistent and unsteady.

Many times, frameworks are packaged with a ton of features and dependencies, some of which might not be required for a certain project. It could be difficult for developers to combine various elements seamlessly or troubleshoot unforeseen interactions between them. Performance problems, bloated codebases, and higher maintenance costs can all arise from this.

Reliance on frameworks might sometimes make it difficult to understand how the technologies they represent function. When utilizing framework-specific abstractions, developers could grow accustomed to them without fully comprehending the underlying mechanics. This may make it more difficult for them to solve problems or properly optimize performance.

In conclusion, frameworks can be helpful for productivity and ease, but developers should use caution to prevent building monsters that resemble Frankenstein. Building reliable and maintainable software solutions requires striking a balance between making use of current tools and upholding a strong grasp of core concepts.