**UNIVERSITY OF MUMBAI**

PROJECT ENTITLED

“**Quiz Master || Test Your Skill** ”

SUBMITTED BY

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UNDER GUIDANCE OF

**Mr. ABHIJEET SALVI**

**Mrs. SHUBHANGI PAWAR**

SUMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF DEGREE OF BACHELOR IN COMUTER SCIENCE

**PILLAI COLLEGE OF ARTS, COMMERCE AND SCIENCE, NEW PANVEL**

**2018 – 2019**

**PILLAI COLLEGE OF ARTS, COMMERCE & SCIENCE**

**2018-2019**

**Certificate**

This is to certify that the project entitled “ **Quiz Master || Test Your Skil ”** is successfully completed by **Mr Rohan L Behera .**

as per the syllabus and in partial fulfilment for the completion of BSc. degree in computer science of University of Mumbai, it is also to certify that this is the original work of the candidate done during the academic year 2018 – 2019.

**Exam seat no: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Place:** New Panvel

**Date:**

**Signature of** **Signature of**

**Guide** **Principal /In-charge/Co-ordinator**

|  |  |  |
| --- | --- | --- |
| **Signature of** | **Seal** | **Signature of** |
| **External Examiner** |  | **Internal Examiner** |

**PREFACE**

**It gives me great pleasure to present the project on Home service application prepared sincerely, punctually and with utmost efforts.**

**The contents of this book are divided into many sections, in order to ease reading.**

**The project has been illustrated with precise data elucidated with neat diagrams that simplify the understanding of the project. Meticulous care has been taken to make this project.**

**Rohan Behera**

**(Final Year Computer Science)**

**ACKNOWLEDGEMENT**

I take this opportunity to express my profound gratitude and indebtedness to our project guide Mr. Abhijeet Salvi for giving me proper guidance to accomplish this project.

I am also grateful to Mrs. Deepika Sharma, Head of Department(CS & IT) and Mrs. Shubhangi Pawar, Co-ordinator(CS & IT) for being very much resourceful, kind and helpful. Their positive attitude, unassailable optimism and unwavering faith in me assured that I come out of the words whenever I encountered difficulties.

I am very much thankful to all the Teaching Faculty(CS & IT) for their kind cooperation and those who directly or indirectly helped me in completion of my project.

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# PRELIMINARY INVESTIGATION

**Organizational Overview**

Building a simple quiz is quite easy, and could be used on your website anywhere. I figured it out and found it to be very simple and easy to do.

All the steps you need to do is to create a simple form and after that a PHP Script that will calculate the answers of the specific question.

On-line examinations contents providers to focus on creating effective assessment questions and focusing on exam’s feedback delivery to students. In the paper we present techniques that are pertinent to the elements of assessment process: answers submission, computerized grading, and feedback after submission

The administrators , Students who are attending for online examination can communicate with the system through this projects, thus facilitating effective implementation and monitoring of various activities of the Quiz Application like conducting Exams as per scheduled basis and delivering result to that particular use or student.

**SCOPE OF THE PROJECT**

Quiz Master is an appropriate technology to help administrator to collect and insert data as questions in the application . Technology is considered appropriate, when it utilizes the most abundant domestic resources and conserves capital and skilled personel.

This project deals with the making questions , answering the questions displayed and viewing the result to the user once completed .

**Description of system**

There are two authorized users:-

1. Admin:-

* Admin user is a moderator for whole system.
* He can manage the Application.
* He provide the acknowledgement when user completes using the app succesfully.

1. User :-

* To registered or login .
* Users can check his profile details in the home page after login.
* User decide the category to start the quiz and start the quiz and get the result after completing the quiz

#### **Advantages of the proposed system:**

###### **Cost effective**: Students can now fill the form free of cost and can register it to complete the quiz application .

* **More reliable and secure**: Students can fill the form without the fear of committing any mistake while filling the form.
* **Privacy**: Students can save data the grie against any issue anonymously without letting others know about this action.
* **Accountability**: Every student will have the access to acount details after login and have access to the result (score).
* **Saves Time:** All the above services rendered to the students save a lot of time of students wasted .

#### **Limitations :**

* Doesn’t allow user to view his/her past scores .
* It only displays the current data of the user in the data .
* Doesn’t allow user to know his ranking between different users as a compatitive nature .
* A lot of copies of question papers have to be made .
* A lot of tabulation work for each subject results

**FEASIBILITY STUDY**

**1. Technical Feasibility**

The project was developed in Php , html , css , bootstrap , javascript . It provides the high level of reliability, availability and compatibility

**2. Economic Feasibility**

The system will help in automate the student / user data based on result after entering and solving the quiz . Cost efficient and secure as it is open source application .

**3. Operational Feasibility**

In this project, the admin will know the details of each user where he may be presented and the data will be maintained and saved.

**Modules of the system:**

* **Admin:** Admin is responsible for managing the entire student data and making a part of that data available to student as and when required. Admin updates the student’s data and also updates the questions and category based on students interest
* **User :** User has the right to select his category according to which he wants to choose the type or subject related questions and answer them and check his/ her percentage score.
* **User Profile :** User can view his/ her data through which they have logged in to check if its actually them who have logged in and perform task accordingly
* **Category:** Contains different types os subjects that offer students to choose the type of questions they want .
* **Result** : It allows user to check his/her result after completing the application test and view his percentage marks accordingly

***Hardware Requirements***

* Pentium-IV(Processor).
* 1GB Ram
* 1MB Cache Memory
* Hard disk 2 GB
* Microsoft Compatible 101 or more Key Board

***Software Requirements***

* **Operating System :** Windows
* **Web-Technology: PHP**
* **Front-End: HTML,CSS,JAVASCRIPT**
* **Back-End:** MySQL
* **Web Server:** Apache SERVER.

***Supported Architectures:***

###### 32-Bit (x86)

* 64-Bit (x64)

**Php:**

###### PHP (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

Following tasks are possible with Php:

* PHP can generate dynamic page content
* PHP can create, open, read, write, delete, and close files on the server
* PHP can collect form data
* PHP can send and receive cookies
* PHP can add, delete, modify data in your database
* PHP can be used to control user-access
* PHP can encrypt data

With PHP you are not limited to output HTML. You can output images, PDF files, and even flash movies. You can also output any text, such as XHTML and XML.

Advantages of Php are:

* PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
* PHP is compatible with almost all servers used today (Apache, IIS, etc.)
* PHP supports a wide range of databases
* PHP is free. Download it from the official PHP resource: [www.php.net](http://www.php.net/)
* PHP is easy to learn and runs efficiently on the server side

**GANTT CHART**

**1/7-10/7/19 11/7-21/7/19 22/7-6/8/19 7/8-13/8/19 14/8-24/8/19 25/8-19/9/19 19/9-23/9/19 24/927/9/19 28/9-30/9/19**

**Initial Assessment**

**Digram**

**Layout Modelling**

**Class Diagram**

**Database setup**

**Coding**

**Unit Testing**

**Integration Testing**

**System Testing**

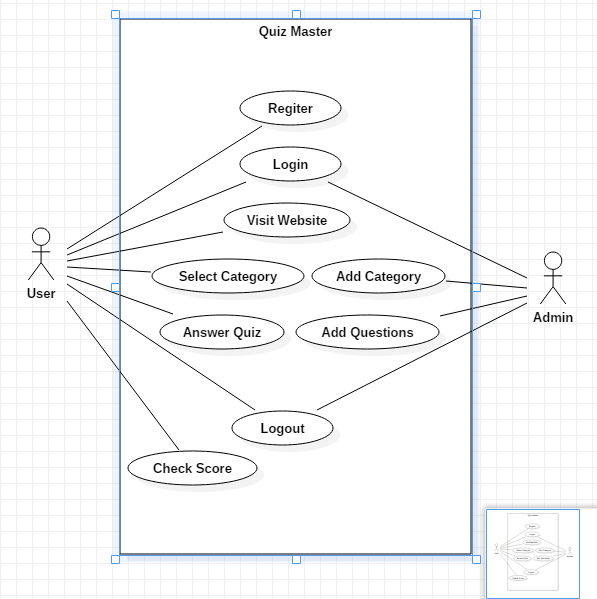
Time Given:

Actual Time taken:

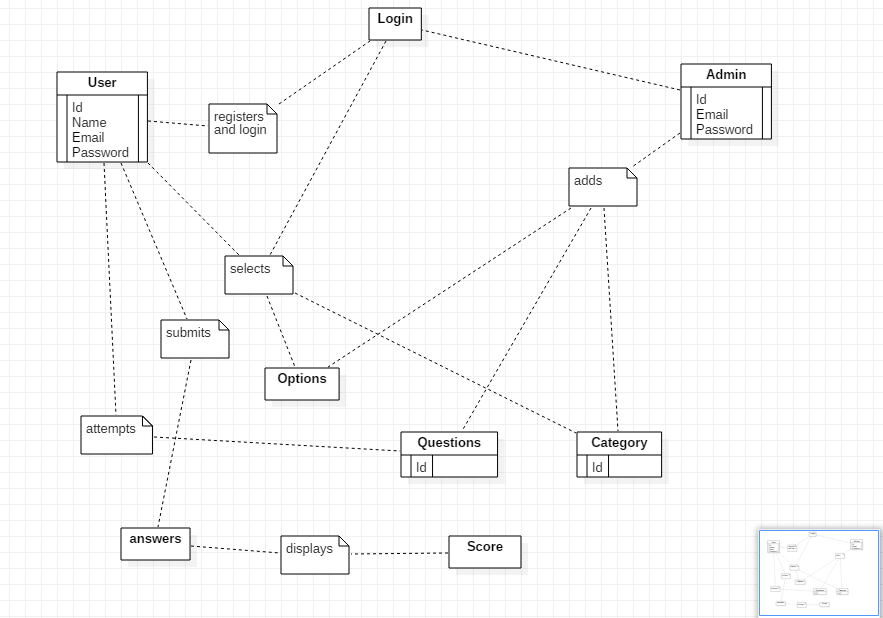
# SYSTEM ANALYSIS AND DESGIN

**Use Case**

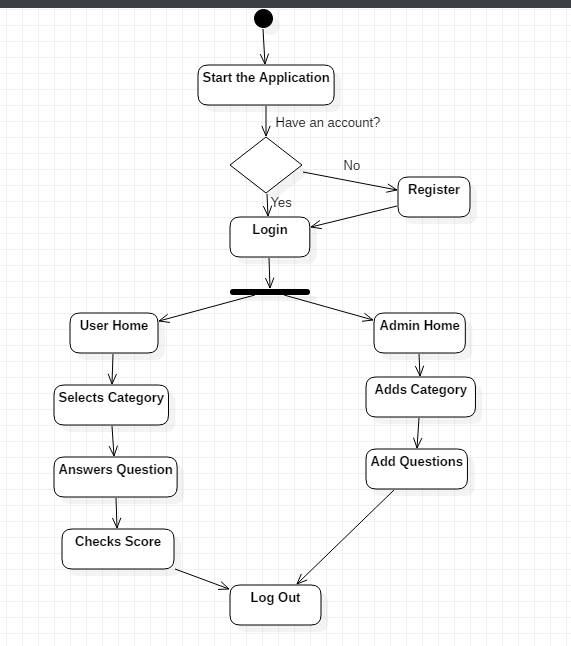
CUSTOMER SITE



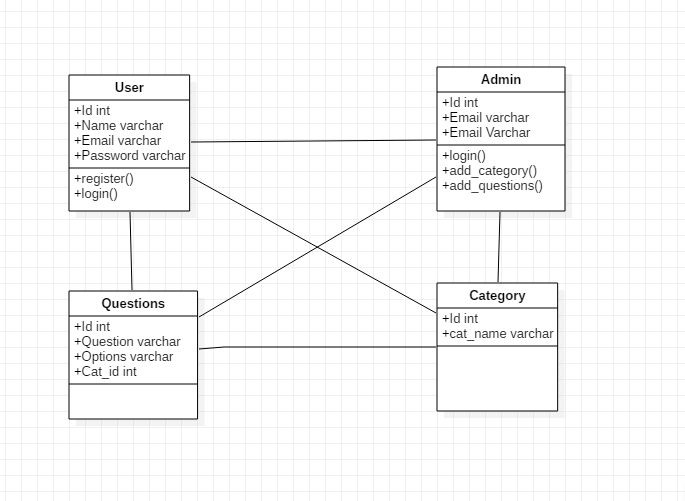
**ER Digram**



**Activity Digram**



**Class Digram**

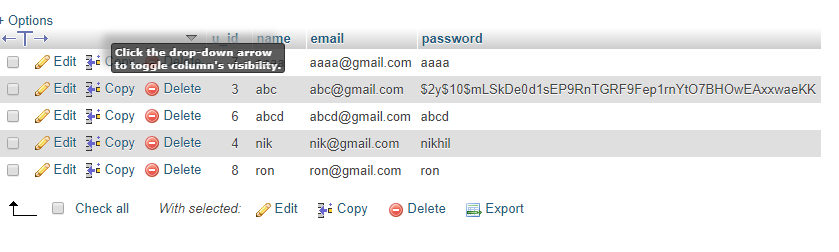


# SYSTEM CODING AND TESTING

**Tables**

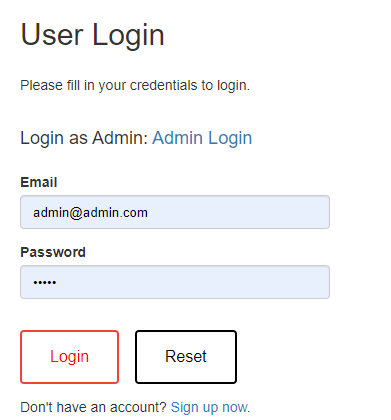
User

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data type** | **Constraint** |
| U\_id | int | Not null |
| name | Varchar | Not null |
| email | varchar | Primary Key |
| password | Varchar | Not null |

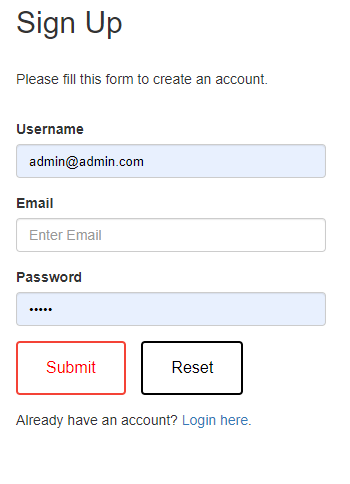


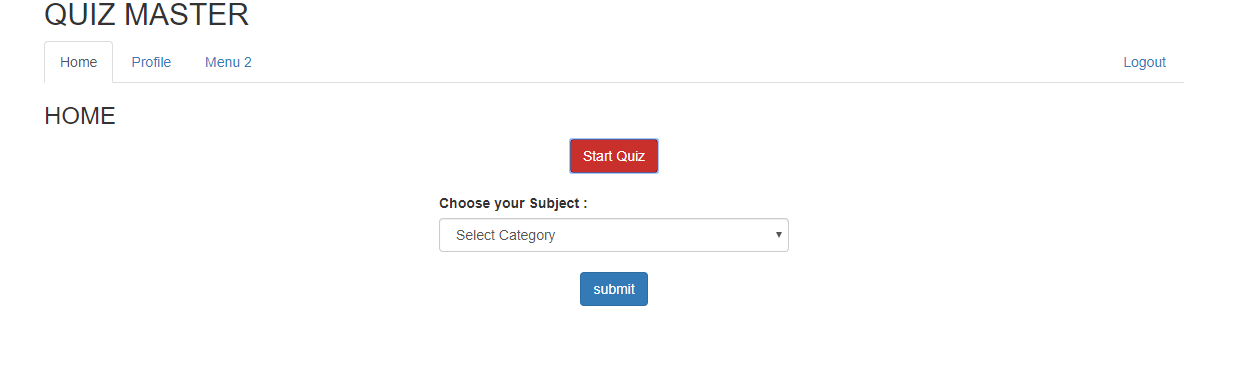
**Design**

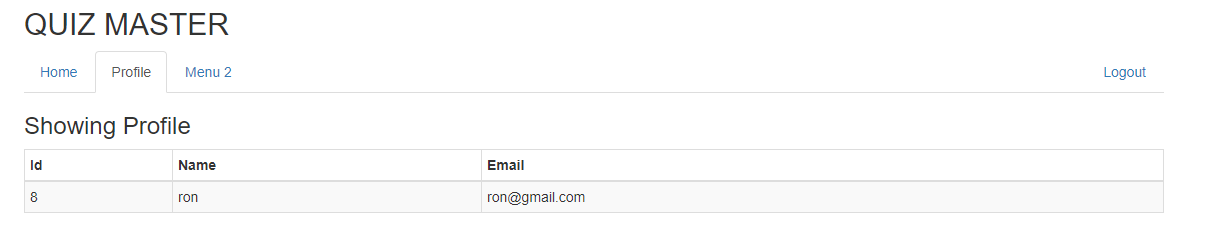
User Side Login



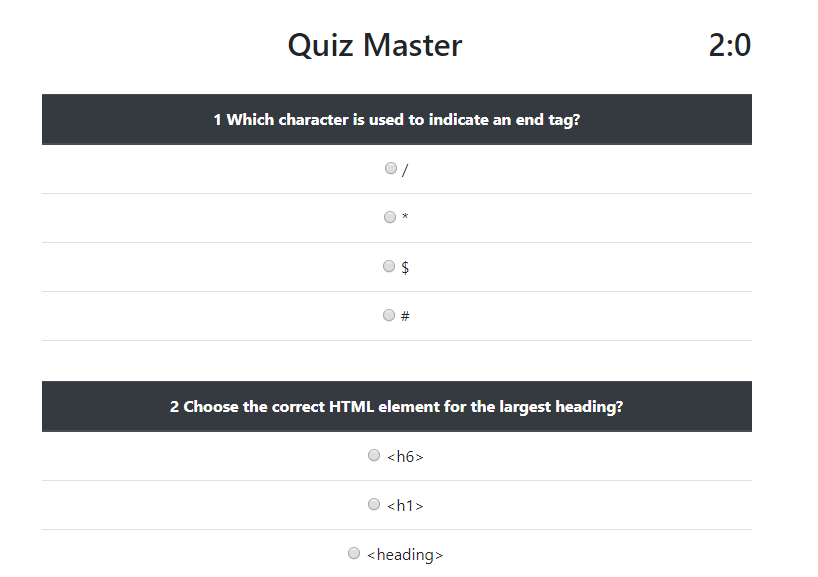
User Sign UP-

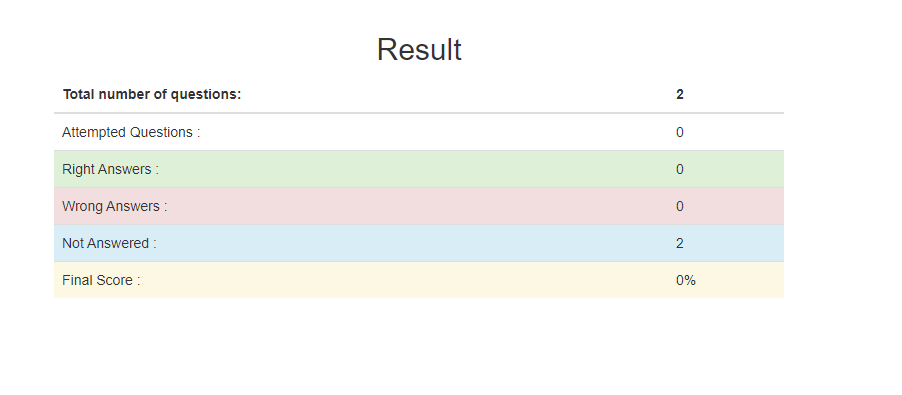






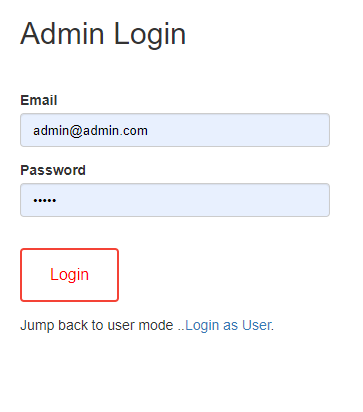
Start Quiz :



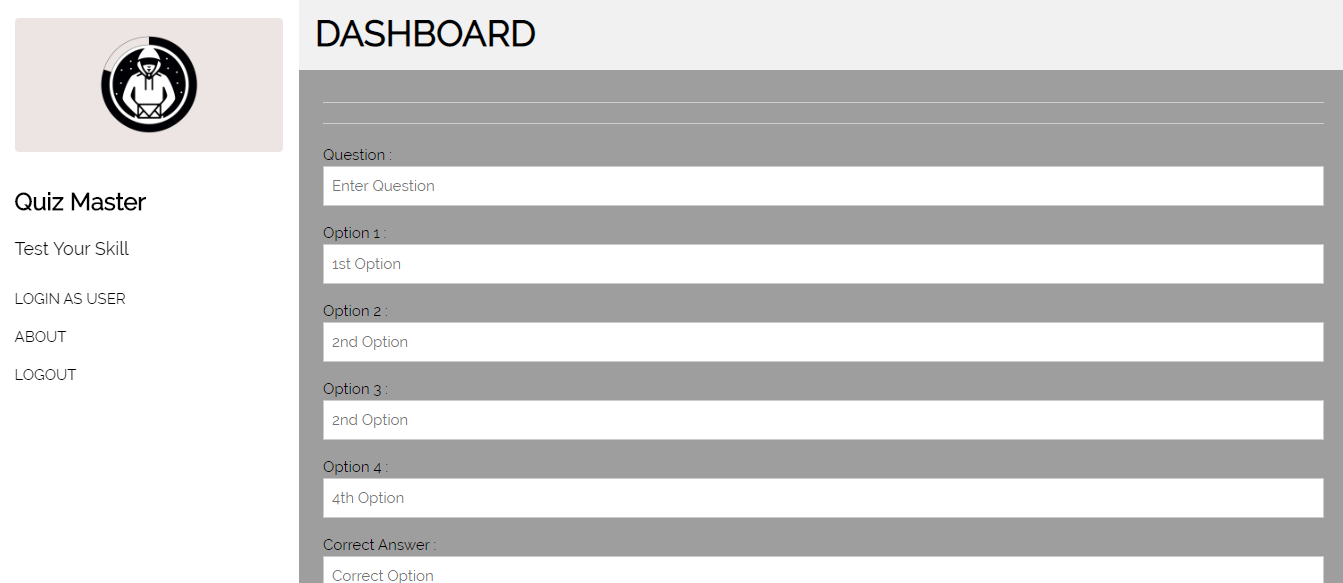


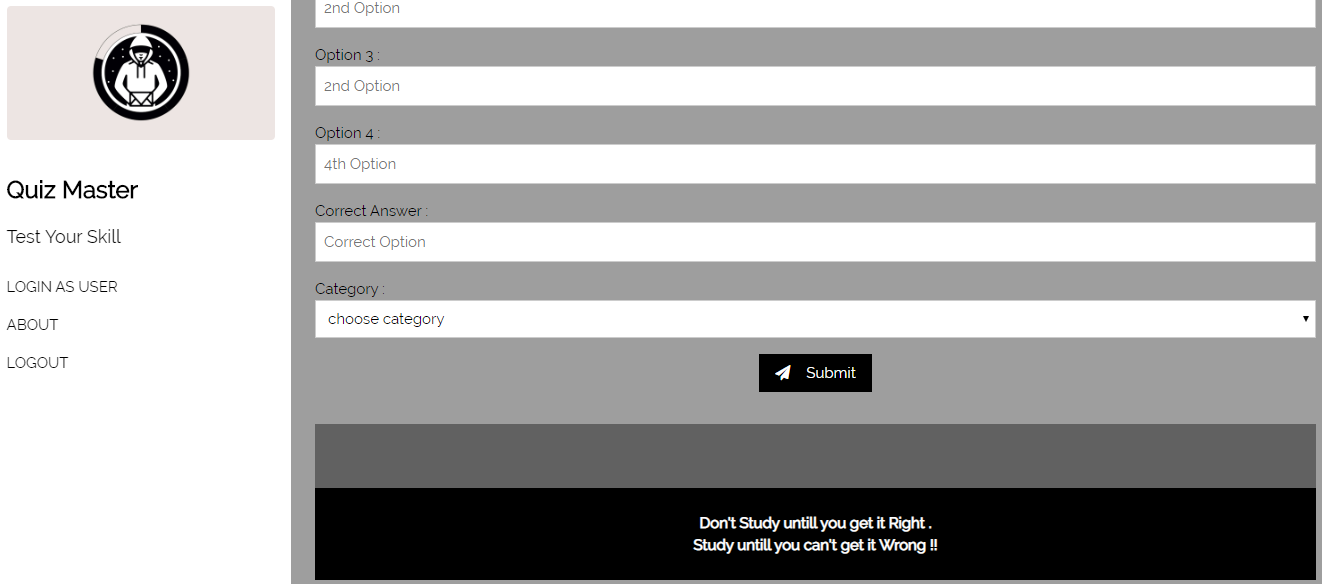
Admin Side Design

Login:



Admin Home :





**CODING PHASE**

Login.php

<?php

include('users.php');

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Login</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css">

<link rel="stylesheet" href="css/main1.css">

<style type="text/css">

body{ font: 14px sans-serif; }

.wrapper{ width: 350px; padding: 20px; }

</style>

</head>

<body>

<div class="wrapper">

<h2> User Login</h2></br>

<p>Please fill in your credentials to login.</p></br>

<h4>Login as Admin: <a href="adminlogin.php"> Admin Login</a></h4></br>

<form name="newform" action="login.sub.php" method="post">

<div class="form-group ">

<label>Email</label>

<input type="text" name="email" class="form-control" autocomplete="off" placeholder="Enter Email">

</div>

<div class="form-group">

<label>Password</label>

<input type="password" name="password" class="form-control" autocomplete="off" placeholder="Enter Password"></br>

</div>

<div class="form-group">

<input type="submit" class="btn danger" value="Login" name="submit">&nbsp;&nbsp;&nbsp;

<input type="reset" class="btn btn-default" value="Reset" >

</div>

<p>Don't have an account? <a href="register.php">Sign up now</a>.</p>

</form>

</div>

</body>

</html>

Signup.php

<?php

include('users.php');

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Sign Up</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css">

<link rel="stylesheet" href="css/main1.css">

<style type="text/css">

<script src="js/jquery.js" type="text/javascript"></script>

body{ font: 14px sans-serif; }

.wrapper{ width: 350px; padding: 20px; }

</style>

</head>

<body>

<div class="wrapper">

<h2>Sign Up</h2></br>

<p>Please fill this form to create an account.</p></br>

<form name="newform" action="signup.sub.php" method="POST">

<div class="form-group">

<label>Username</label>

<input type="text" name="username" class="form-control" autocomplete="off" placeholder="Enter Username">

</div>

<div class="form-group">

<label>Email</label>

<input type="text" name="email" class="form-control" autocomplete="off" placeholder="Enter Email">

</div>

<div class="form-group">

<label>Password</label>

<input type="password" name="password" class="form-control" autocomplete="off" placeholder="Enter Password">

</div>

<div class="form-group">

<input type="submit" class="btn danger" value="Submit" class="btn" name="submit">&nbsp;&nbsp;&nbsp;

<input type="reset" class="btn btn-default" value="Reset" >

</div>

<p>Already have an account? <a href="login.php">Login here</a>.</p>

</form>

</div>

</body>

</html>

Login.sub.php

<?php

include('users.php');

$register = new users;

extract($\_POST);

$query = "insert into user values ('','$username','$email','$password')";

if($register->signup($query))

{

$register->url('login.php?run=success');

}

?>

Signup.sub.php

<?php

include('users.php');

$signin = new users;

extract($\_POST);

if($signin->signin($email, $password))

{

$signin->url("home.php");

}

else

{

$signin->url("login.php?run=failed");

}

?>

Home.php

<?php

include('users.php');

$email= $\_SESSION["email"];

$profile = new users;

$profile->users\_profile($email);

$profile ->cat\_shows();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Home</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h2>QUIZ MASTER</h2>

<ul class="nav nav-tabs">

<li class="active"><a data-toggle="tab" href="#home">Home</a></li>

<li><a data-toggle="tab" href="#menu1">Profile</a></li>

<li><a data-toggle="tab" href="#menu2">Menu 2</a></li>

<li style="float:right"><a data-toggle="tab" href="login.php">Logout</a></li>

</ul>

<div class="tab-content">

<div id="home" class="tab-pane fade in active">

<h3>HOME</h3>

<center><button type="button" class="btn btn-danger" data-toggle="tab" href="#select">Start Quiz</button></center>

<div class="col-sm-4"></div>

<div class="col-sm-4">

<div id="select" class="tab-pane fade"></br>

<label for="sel1"> Choose your Subject :</label>

<form action="question\_show.php" method="post">

<select class="form-control" id="sel1" name="cat">

<option>Select Category</option>

<?php

foreach($profile->cat as $category)

{?>

<option value="<?php echo $category['id']; ?>"><?php echo $category['cat\_name']; ?></option>

<?php

}?>

</select></br>

<center><input type="submit" value="submit" class="btn btn-primary" /></center>

</form>

</div>

</div>

</div>

<div id="menu1" class="tab-pane fade">

<h3>Showing Profile</h3>

<table class="table table-striped table-bordered table-hover table-condensed">

<thead>

<tr>

<th>Id</th>

<th>Name</th>

<th>Email</th>

</tr>

</thead>

<tbody>

<?php

foreach($profile->data as $prof)

{?>

<tr>

<td><?php echo $prof['u\_id']; ?></td>

<td><?php echo $prof['name']; ?></td>

<td><?php echo $prof['email']; ?></td>

</tr>

</tbody>

<?php }?>

</table>

</div>

<div id="menu2" class="tab-pane fade">

<h3>Menu 2</h3>

<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam.</p>

</div>

<div id="menu3" class="tab-pane fade">

<h3>Menu 3</h3>

<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.</p>

</div>

</div>

</div>

</body>

</html>

Question\_show.php

<?php

include('users.php');

$qus = new users;

$cat = $\_POST['cat'];

$qus-> qus\_show($cat);

$\_SESSION['cat']=$cat;

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Questions </title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="css/main1.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

<script type="text/javascript">

function timeout()

{

var minute = Math.floor(timeleft/60);

var second = (timeleft % 60);

if(timeleft<=0)

{

clearTimeout(tm);

document.getElementById("form1").submit();

}

else

{

document.getElementById("time").innerHTML = minute+":"+second;

}

timeleft--;

var tm = setTimeOut(function(){timeout()},1000);

}

</script>

</head>

<body onload="timeout()">

<center>

<div class="container">

</br></br>

<div class="col-sm-2"></div>

<div class="col-sm-8">

<h2>Quiz Master

<script type="text/javascript">

var timeleft= (2\*60);

</script>

<div id="time" style="float:right">Timeout</div> </h2></br>

<?php

$i=1;

foreach($qus->qus as $quest )

{?>

<form action="answer.php" id="form1" method="post">

<table class="table">

<thead class="thead-dark" align="center">

<tr>

<th><?php echo $i; ?> <?php echo $quest['ques']; ?></th>

</tr>

</thead>

<tbody align="center">

<?php if(isset($quest['option1'])){?>

<tr>

<td> <input type="radio" value="0" name="<?php echo $quest['id']; ?>" /> <?php echo $quest['option1']; ?></td>

</tr>

<?php }?>

<?php if(isset($quest['option2'])){ ?>

<tr>

<td> <input type="radio" value="1" name="<?php echo $quest['id']; ?>"/> <?php echo $quest['option2']; ?></td>

</tr>

<?php } ?>

<?php if(isset($quest['option3'])){ ?>

<tr>

<td> <input type="radio" value="2" name="<?php echo $quest['id']; ?>" /> <?php echo $quest['option3']; ?></td>

</tr>

<?php } ?>

<?php if(isset($quest['option4'])){ ?>

<tr>

<td> <input type="radio" value="3" name="<?php echo $quest['id']; ?>" /> <?php echo $quest['option4']; ?></td>

</tr>

<?php } ?>

<tr>

<td> <input type="radio" value="no\_attempt" checked="checked" style="display:none" name="<?php echo $quest['id']; ?>" /></td>

</tr>

</tbody>

</table>

<?php $i++; }?>

<input type="submit" value="Submit Quiz" class="btn btn-danger" />

</form>

</div>

<div class="col-sm-2"></div>

<div class="col-sm-8">

</div>

</center>

</body>

</html>

Answer.php

<?php

include('users.php');

$ans = new users;

$answer=$ans->answer($\_POST);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Home</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

</head>

<body>

<center></br></br>

<?php

$total\_qus = $answer['right'] + $answer['wrong'] + $answer['no\_answer'];

$attempt\_qus = $answer['right'] + $answer['wrong'] ;

?>

<div class="container">

<div class="col-sm-2"></div>

<div class="col-sm-8">

<h2>Result</h2>

<table class="table">

<thead>

<tr>

<th>Total number of questions:</th>

<th><?php echo $total\_qus; ?></th>

</tr>

</thead>

<tbody>

<tr>

<td>Attempted Questions :</td>

<td><?php echo $attempt\_qus ; ?></td>

</tr>

<tr class="success">

<td>Right Answers :</td>

<td><?php echo $answer['right']; ?></td>

</tr>

<tr class="danger">

<td>Wrong Answers :</td>

<td><?php echo $answer['wrong']; ?></td>

</tr>

<tr class="info">

<td>Not Answered :</td>

<td><?php echo $answer['no\_answer']; ?></td>

</tr>

<tr class="warning">

<td>Final Score :</td>

<td><?php

$percent =(( $answer['right']\*100) / $total\_qus) ;

echo $percent."%";

?></td>

</tr>

</tbody>

</table>

</div>

<div class="col-sm-2">

</div>

</center>

</body></html>

Index.php

<?php

include('users.php');

$cat =new users;

$category=$cat->cat\_shows();

?>

<!DOCTYPE html>

<html>

<title>Admin Dashboard</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<style>

body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}

</style>

<body class="w3-light-grey w3-content" style="max-width:1600px">

<!-- Sidebar/menu -->

<nav class="w3-sidebar w3-collapse w3-white w3-animate-left" style="z-index:3;width:300px;" id="mySidebar"><br>

<div class="w3-container">

<a href="" onclick="w3\_close()" class="w3-hide-large w3-right w3-jumbo w3-padding w3-hover-grey" title="close menu">

<i class="fa fa-remove"></i>

</a>

<img src="foot3.jpg" style="width:100%;" class="w3-round"><br><br>

<h3><b>Quiz Master</b></h3>

<p class="w3-text-grey"><h5>Test Your Skill<h5></p>

</div>

<div class="w3-bar-block">

<a href="login.php" onclick="w3\_close()" class="w3-bar-item w3-button w3-padding ">LOGIN AS USER</a>

<a href="about.php" onclick="w3\_close()" class="w3-bar-item w3-button w3-padding">ABOUT</a>

<a href="adminlogin.php" onclick="w3\_close()" class="w3-bar-item w3-button w3-padding">LOGOUT</a>

</div>

</nav>

<!-- Overlay effect when opening sidebar on small screens -->

<div class="w3-overlay w3-hide-large w3-animate-opacity" onclick="w3\_close()" style="cursor:pointer" title="close side menu" id="myOverlay"></div>

<!-- !PAGE CONTENT! -->

<div class="w3-main" style="margin-left:300px">

<!-- Header -->

<header id="index">

<div class="w3-container">

<h1><b>DASHBOARD</b></h1>

</div>

</header>

<!-- Contact Section -->

<div class="w3-container w3-padding-large w3-grey">

<hr class="w3-opacity">

<hr class="w3-opacity">

<form action="add\_quiz.php" method="post">

<div class="w3-section">

<label>Question :</label>

<input class="w3-input w3-border" type="text" name="qus" required placeholder="Enter Question" autocomplete="off">

</div>

<div class="w3-section">

<label>Option 1 :</label>

<input class="w3-input w3-border" type="text" name="op1" required placeholder="1st Option" autocomplete="off">

</div>

<div class="w3-section">

<label>Option 2 :</label>

<input class="w3-input w3-border" type="text" name="op2" required placeholder="2nd Option" autocomplete="off">

</div>

<div class="w3-section">

<label>Option 3 :</label>

<input class="w3-input w3-border" type="text" name="op3" required placeholder="2nd Option" autocomplete="off">

<div class="w3-section">

<label>Option 4 :</label>

<input class="w3-input w3-border" type="text" name="op4" required placeholder="4th Option" autocomplete="off">

</div>

<div class="w3-section">

<label>Correct Answer :</label>

<input class="w3-input w3-border" type="text" name="ans" required placeholder="Correct Option" autocomplete="off">

</div>

<div class="w3-section">

<label>Category :</label>

<select class="w3-input w3-border" type="text" name="cat" >

<option value= "" > choose category</option>

<?php

foreach($category as $c)

{

echo "<option value=".$c['id'].">".$c['cat\_name']."</option>";

}

?>

</select>

</div>

<center><button type="submit" class="w3-button w3-black w3-margin-bottom"><i class="fa fa-paper-plane w3-margin-right"></i>Submit</button></center>

</form>

</div>

<!-- Footer -->

<footer class="w3-container w3-padding-32 w3-dark-grey">

<div class="w3-row-padding">

<center><b></b></center>

</div>

</footer>

<div class="w3-black w3-center w3-padding-24"><b>Don't Study untill you get it Right .<br>

Study untill you can't get it Wrong !!</b></div>

<!-- End page content -->

</div>

<script>

// Script to open and close sidebar

function w3\_open() {

document.getElementById("mySidebar").style.display = "block";

document.getElementById("myOverlay").style.display = "block";

}

function w3\_close() {

document.getElementById("mySidebar").style.display = "none";

document.getElementById("myOverlay").style.display = "none";

}

</script>

</body>

</html>

Users.php

<?php

session\_start();

class users{

public $host ='localhost';

public $username ='root';

public $pass = '';

public $dbname ='quizz';

public $conn;

public $data;

public $cat;

public $qus;

public function \_\_construct(){

$this->conn= new mysqli($this->host ,$this->username , $this->pass, $this->dbname);

if($this->conn->connect\_errno)

{

die('database connection failed'.$this->conn->connect\_errno);

}

}

public function signup($data)

{

$this->conn->query($data);

return true;

}

public function signin($email , $password)

{

$query=$this->conn->query("select email, password from user where email='$email' and password='$password'");

$query->fetch\_array(MYSQLI\_ASSOC);

if($query->num\_rows > 0)

{

$\_SESSION['email']=$email;

return true;

}

else

{

return false;

}

}

public function users\_profile($email)

{

$query=$this->conn->query("select \* from user where email='$email'");

$row = $query-> fetch\_array(MYSQLI\_ASSOC);

if($query->num\_rows > 0)

{

$this->data[] = $row;

}

return $this->data;

}

public function cat\_shows()

{

$query=$this->conn->query("select \* from category");

while($row = $query-> fetch\_array(MYSQLI\_ASSOC))

if($query->num\_rows > 0)

{

$this->cat[] = $row;

}

return $this->cat;

}

public function qus\_show($qus)

{

$query=$this->conn->query("select \* from questions where cat\_id='$qus'");

while($row = $query-> fetch\_array(MYSQLI\_ASSOC))

{

$this->qus[] = $row;

}

return $this->qus;

}

public function answer($data)

{

$answer = implode("", $data);

$right=0;

$wrong=0;

$no\_answer=0;

$query=$this->conn->query("select id , ans from questions where cat\_id='".$\_SESSION['cat']."'");

while($quest = $query-> fetch\_array(MYSQLI\_ASSOC))

{

if($quest['ans']== $\_POST[$quest['id']])

{

$right++;

}

elseif($\_POST[$quest['id']]=="no\_attempt")

{

$no\_answer++;

}

else

{

$wrong++;

}

}

$array = array();

$array['right'] = $right;

$array['no\_answer'] = $no\_answer;

$array['wrong'] = $wrong;

return $array;

}

public function add\_quiz($rec)

{

$a = $this->conn->query($rec);

return true;

}

public function url($url)

{

header("location:".$url);

}

}

?>

Add\_quiz.php

<?php

extract($\_POST);

include('users.php');

$quiz = new users;

$qus = htmlentities($qus);

$option1 = htmlentities($op1);

$option2 = htmlentities($op2);

$option3 = htmlentities($op3);

$option4 = htmlentities($op4);

$array=[$option1,$option2,$option3,$option4];

$answer = array\_search($ans , $array);

$query = "insert into questions values ('','$qus','$option1','$option2','$option3','$option4','$answer','$cat')";

$quiz-> add\_quiz($query);

if($quiz->add\_quiz($query))

{

$quiz->url("index.php?Data-inserted-successfully");

//echo "Data inserted Successfully !!"

}

?>

Adminlogin.php

<?php

include('users.php');

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Admin Login</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css">

<link rel="stylesheet" href="css/main1.css">

<style type="text/css">

body{ font: 14px sans-serif; }

.wrapper{ width: 350px; padding: 20px; }

</style>

</head>

<body>

<div class="wrapper justify-content-center">

<h2> Admin Login</h2></br>

</br>

<form action="adlog.php" method="post">

<div class="form-group ">

<label>Email</label>

<input type="text" name="email" class="form-control" autocomplete="off" placeholder="Enter Email">

</div>

<div class="form-group">

<label>Password</label>

<input type="password" name="password" class="form-control" autocomplete="off" placeholder="Enter Password"></br>

</div>

<div class="form-group">

<input type="submit" class="btn danger" name="submit" value="Login"></br>

</div>

<p>Jump back to user mode ..<a href="login.php">Login as User</a>.</p>

</form>

</div>

</body>

</html>

Adlog.php

<?php

session\_start();

if(isset($\_POST['submit'])){

include('users.php');

$email = $\_POST['email'];

$password = $\_POST['password'];

if(empty($email) || empty($password)){

header('Location:adminlogin.php?login=empty');

exit();

}

else{

$sql= "Select \* from admin where email='$email' and password='$password' ;";

mysqli\_query($conn,$sql);

header("Location:index.php?adminlogin=success");

exit();

}

}

else{

header('Location:login.php?login=error');

exit();

}

?>

**Event Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test**  **No** | **Form**  **Name** | **Test**  **Condition** | **Steps** | **Input**  **Test Data** | **Expected result** | **Actual result** | **Status** |
| 1. | Sign Up | Check Sign Up Form without any input | Click on Sign Up button without entering any data. | - | Enter Email ans password | Enter Email ans password | Pass |
| 2. | Sign Up | Check Sign Up Form with invalid input. | Enter invalid input for each field and click on Sign Up button. | First NameASSD  Email=sdfddsfGmail Number=12344556\_@  Password=q21 | Enter valid email and password. | Enter valid email and password. | Pass |
| 3. | Sign Up | Check Sign Up Form with valid input. | Enter valid input for each field and click on Sign Up button. | First Name=ron  Email=ron@gmail.com  Password= ron | Registration successfully  Email verification mail has been sent | Registration successfully  Email verification mail has been sent | Pass |
| 4. | Login | Check Login Form without any input. | Click on Login button without entering any  data. | - | Enter Email and password | Enter Email ans password | Pass |
| 5. | Login | Check Login Form with invalid input. | Enter invalid input for Username and Password and click on Login. | Username=@xyz  Password=12\_abc | Enter Email ans password | Enter Email ans password | Pass |
|  |  |  |  |  |  |  |  |
| 6. | Login | Check Login Form with valid input and verified email | Enter valid input for Username and Password and click on Login | First Name=ron  Email=ron@gmail.com  Password= ron | Redirect to Users Home page | Redirect to Users Home page | Pass |
| 7. | Select Category | Drop down box appears | Select category | Java,html,php | Quiz page appears | Quiz page appears | Pass |
| 8. | Submit | Check quiz answered | Click on submit button | - | Redirect to score page | Redirect to score page | Pass |
| 9. | My complaint | Deleting complaint | Long press on complaint and click delete button | - | Delete the complaint from the list | Delete the complaint from the list | Pass |
| 10. | Admin Login | Check Login Form with valid input. | Click on submit button | - Username=rohan@gmail.com  Password=rohan | Redirect to adminhome page | Redirect to adminlogin page | Pass |
| 11. | Admin page | Enterting data as questions | Click on submit | Enter the data | Show msg successfully run | Show msg successfully run | Pass |

## Future Enhancement

###### Some of the future enhancements that can be done to this system are:

1. Online examination portals can also be added for conducting online examination.
2. Online resources like study materials can be made available to the students.
3. Based on the future security issues, security can be improved using emerging technologies.
4. A mobile application based on the same functionalities can also be developed.

5. Signin with google or facebook id.

6. The enhancement that we can add the searching option. We can directly search to the particular student details from this site.

## CONCLUSION

The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

* + Automation of the entire system improves the efficiency
  + It provides a friendly graphical user interface which proves to be better when compared to the existing system.
  + It gives appropriate access to the authorized users depending on their permissions.
  + It effectively overcomes the delay in communications.
  + Updating of information becomes so easier.
  + System security, data security and reliability are the striking features.
  + The System has adequate scope for modification in future if it is necessary.

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## Reference

* [www.youtube.com](http://www.youtube.com/)
* <http://stackoverflow.com/>
* [www.w3schools.com](http://www.w3schools.com/)
* www.tutorialspoint.com