

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANASANGAMA, BELAGAVI - 590018



Mini Project Report
on

Online quiz portal

Submitted in partial fulfillment for the award of degree of

Bachelor of Engineering
In
Computer Science and Engineering

Submitted by
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B.N.M. Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC.
All UG branches – CSE, ECE, EEE, ISE & Mech.E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021
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Department of Computer Science and Engineering
2020-2021

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CERTIFICATE

Certified that the Mini Project entitled **Online Quiz Portal** carried out by Mr. **Nayan Surya. N** USN **1BG18CS414** bonafide students of VII Semester B.E., **B.N.M Institute of Technology** in partial fulfillment for the Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the **Visvesvaraya Technological University**, Belagavi during the year 2020-21. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the report. The Web Technology Laboratory with Mini Project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

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ABSTRACT

The purpose of Online Examination System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

online Examination System, as described above, can lead to error free, secure, reliable and fast management. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records with entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

ACKNOWLEDGEMENT

The success and final outcome of this project required a lot of guidance and assistance from many people and I am extremely privileged to have got this all along the completion of my project.

I would like to thank **Shri. Narayan Rao R Maanay**, Secretary, BNMIT, Bengaluru for providing excellent academic environment in the college.

I would like to sincerely thank **Prof. T J Rama Murthy**, Director, BNMIT, Bangalore for having extended his support and encouragement during the course of the work.

I would like to express my gratitude to **Shri. Eishwar N Manaay**, Dean, BNMIT, Bengaluru for his relentless support, guidance and assistance.

I would like to thank **Dr. Krishnamurthy G N**, Principal, BNMIT, Bangalore for his constant encouragement.

I would like to thank, **Dr. Sahana D Gowda**, Professor and Head of the Department of Computer Science and Engineering who has shared her opinions and thoughts which helped me in giving my presentation successfully.

I would like to express my gratitude to **Prof. Namitha S J**, Assistant Professor BNMIT, Bengaluru for his relentless support, guidance and assistance.

Finally, I take this opportunity to extend my earnest gratitude and respect to my parents, teaching & non-teaching staffs of the department and all my friends, for giving me valuable advices and support at all times in all possible ways

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CHAPTER 1

INTRODUCTION

1.1 Overview

Online examinations are an important method of evaluating the success potential of students. This research effort the individuals under consideration were students who would be enrolling in computer courses or Technologies Registrations. A prototype of a web-based placement examination system is described from the standpoint of the research effort, end user, and software development.

An on-line educational system including exam processing and electronic journal features. An instructor builds a course-based questions which on-line contain in identification of assignments. Which are compiled into an on-line exam syllabus?

Users enrolled in the platform may access the electronic details they provided and perform various functions with the on-line educational system in order to participate in the on-line examinations. Users can receive an on-line exam, having multimedia content, for the course, and they can electronically provide answers for the exam. And after Completion of their duration of exam they are provided the grade or marks secured in their examinations.

Online 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.

As the modern organizations are automated and computers are working as per the instructions, it becomes essential for the coordination of human beings, commodity and computers in a modern organization.

The administrators, instructor, Students who are attending for online examination can communicate with the system through this project, thus facilitating effective implementation and monitoring of various activities of Online Examinations like conducting Exams as per scheduled basis and delivering result to that particular use or student. And the details of students who attempted Online Examination are maintained at administrator.

1.2 Problem statement

Online Examination is very helpful to users. The aim of this project is to provide quick, immediate and easy way to appear the exam. It can provide special advantages to the students/applicants. The online examination system can automatically add the marks allocated in each question to determine the total mark for the questions.

A time limit can be set for the questions. Online Examination System allows jumping to specific questions based on the previous answer. The online examination system limits the number of times a student can write a question. Login module helps the user to login to the site. For that he/she must type the username and password correctly. The login provision in this page helps the already registered user to directly access the site and there is a link for registration to a user who is new to this site. Student module is mainly for the students. This helps the students to register for the exam and answer the exam. For registration name, address, phone no, role id, password should be entered. This system will provide result after the exam according to correct and wrong answer. Administrator module is mainly for the administrator. This will contain the creation of question paper, preview of already created question paper, and the report of the administrator. For creating the question paper, he/she must enter Exam ID, No: of questions, total time (in min), Marks per Question, Option type. For showing the preview of already created question paper he/she must enter the correct login id. The result will be shown later after the exam.

1.3 Motivation

Our purpose of selecting this topic is that during these pandemic situations everyone has undergone many problems and among them the students have suffered a lot in attending the classes and give the exam. So, in order to attend online class and give exam in a proper way, we have come with a method called online exam.

1.3 Web Technology

Web technology refers to the means by which computers communicate with each other using mark-up languages and multimedia packages. It gives us a way to interact with hosted information, like websites. Web technology involves the use of hypertext mark-up language (HTML) and cascading style sheets (CSS).

1.4 Applications of Web Technologies

1.4.1 Realtime web analytics

Google has already started pushing into this market with Google Analytics, but there are a lot of other startups exploring this space. If you think about it, there is a ton of opportunity there, as you have the ability to capture and transmit interactive user data like never before.

You can track where the mouse floats across the screen, the orientation of a mobile device, and any number of other user interactions. Not only could you track them, but you could actually watch them as they happen.

1.4.2 Digital Advertising

The digital advertising world has long been a solid revenue generator for web-based businesses. With real-time web technologies, advertisers can move towards more interesting advertising paradigms, such as charging for ads based on the amount of time the ad is visible on a user's screen or other real-time interaction metrics vs the CPM and CPC metrics that have long been the standard.

1.4.3 E-Commerce

E-commerce has always been a hotbed for engaging customers and customer interactions. Showing shoppers what other shoppers are looking at online, or pushing out online deals directly to all connected browsers are the types of real-time features that ecommerce platforms will look to adopt in the future.

CHAPTER 2

SYSTEM REQUIREMENTS

2.1 Software Requirements

These prerequisites are known as (computer) system requirements and are often used as a guideline as opposed to an absolute rule. Most software defines two sets of system requirements: minimum and recommended.

2.1.1 Front End

- HTML5/CSS
- Bootstrap Boilerplate
- JavaScript
- Google Chrome (Web Browser)

2.1.2 Back End

- XAMPP Server (v3.2.2) for Apache Server (local host)
- My SQL (v8.0.12) for Database Management System
- PHP (v7.2.10) for Server-Side Scripting
- Notepad/Notepad ++ (Source Code Editor)
- Windows 7 and above

2.2 Hardware Requirements

The most common set of requirements defined by any operating system or software application is the physical computer resources, also known as hardware.

- CPU: Intel or AMD processor
- Cores: Dual-Core (Quad-Core recommended)
- RAM: minimum 1GB (>1GB recommended)
- Graphics: Intel Integrated Graphics or AMD Equivalent
- Secondary Storage: 25GB

CHAPTER 3

SYSTEM DESIGN

3.1 Proposed System

This project is designed so that a user can register. There has been continuous effort to develop tools, which can ease the process of software development. But with the evolving trend of different programming paradigms today's software developers are really changed to deal with the changing technology.

3.2 Flow of Web Pages

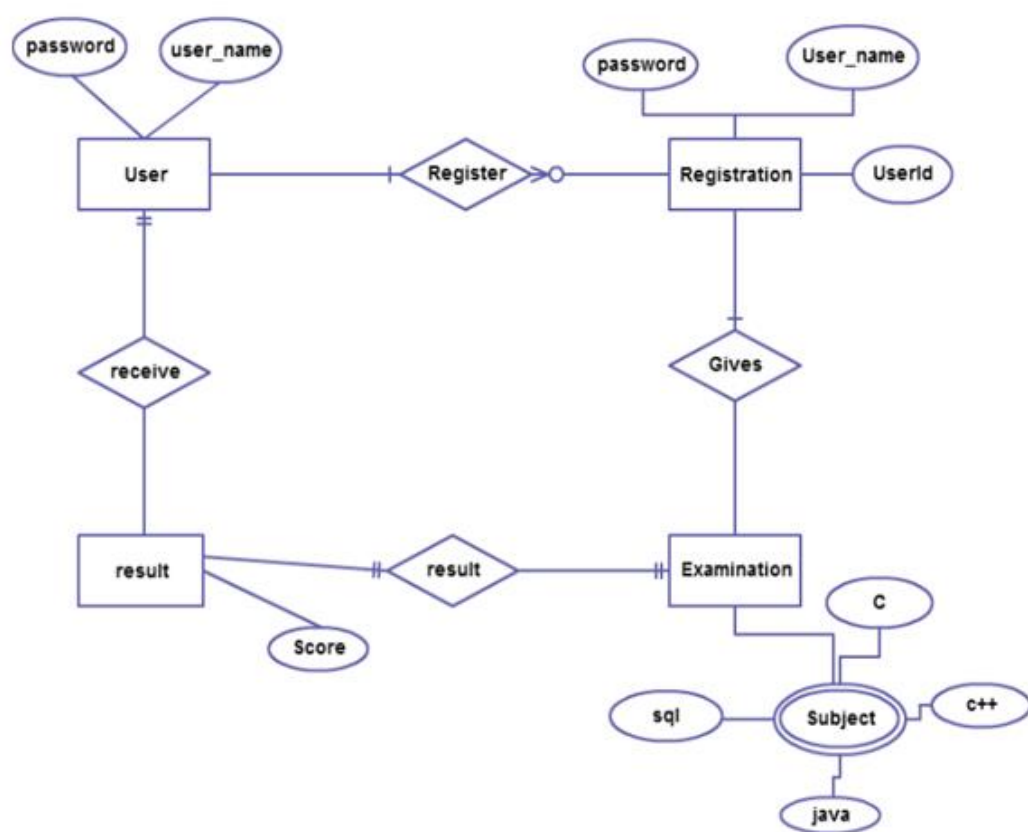


Fig 3.1 Flow Chart

A flowchart is a visual representation of the sequence of steps and decisions needed to perform a process. Each step in the sequence is noted within a diagram shape. Steps are linked by connecting lines and directional arrows.

3.3 Database schema or ER-Diagram

An Entity Relationship Diagram describes interrelated things of interest in a specific domain of knowledge. A basic ER model is composed of entity types and specifies relationships that can exist between instances of those entity types. In software engineering, an ER-model is commonly formed to present things that a business needs to remember in order to perform business processes. Consequently, the ER model becomes an abstract data model that defines a data or information structure which can be implemented in a database, typically a relational database.

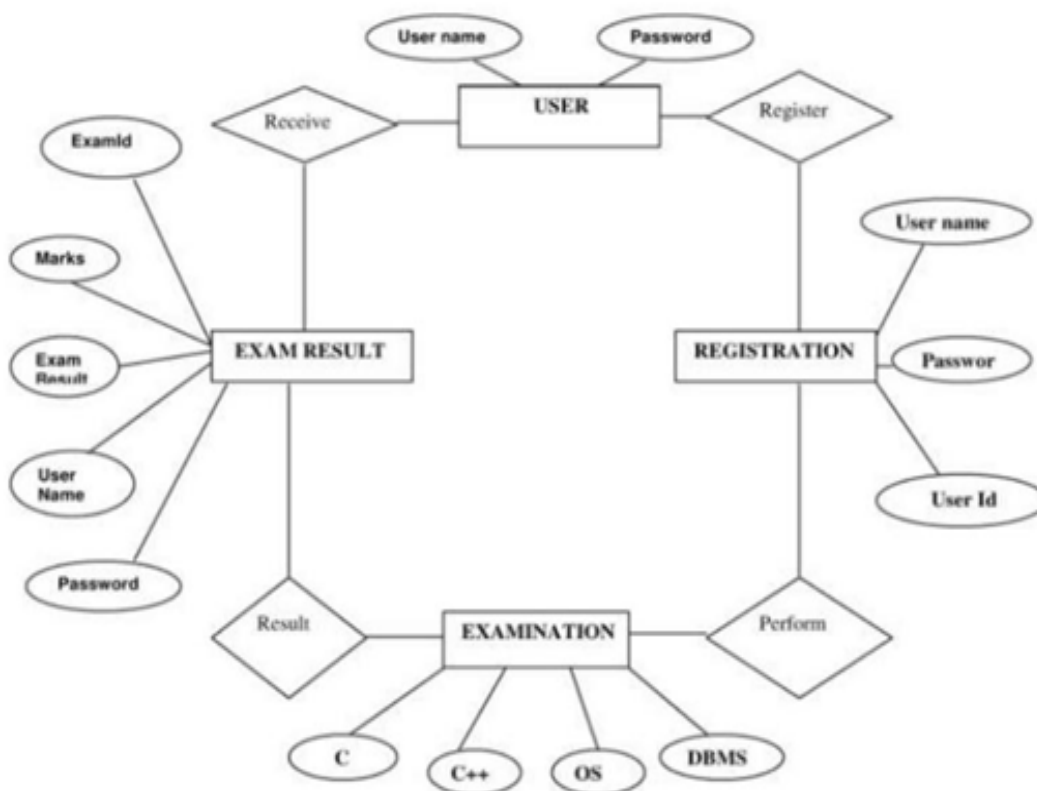


Fig 3.2 ER-Diagram

CHAPTER 4

IMPLEMENTATION

4.1 Module Description

4.1.1 Home Module

This is the entry page of the website; the home page contains login options for admin and user and also it enables to create the profile for user. There is also information about the website and also has the feedback couples got engaged from wedlock.

4.1.2 Login Module

It has two modules, user and admin module user module enables user to login into their account and admin module enables admin to login. User can edit their profile and they can view others profile.

4.1.3 Admin Module

Admin module enables admin to delete user profile, this module can also be used a security purpose as if there is any fraud, or fake profile created he can directly delete them.

4.1.4 User Module

User module enables user to login into their account and start giving the respected exam and check their results with their ranking in the respected subjects.

4.2 Source Code

4.2.1 Index Page

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta name="viewport" content="width=device-width, initial-scale=1">

<title>Project Worlds || TEST YOUR SKILL </title>
<link rel="stylesheet" href="css/bootstrap.min.css"/>
<link rel="stylesheet" href="css/bootstrap-theme.min.css"/>
<link rel="stylesheet" href="css/main.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>
<link href='http://fonts.googleapis.com/css?family=Roboto:400,700,300' rel='stylesheet' type='text/css'>

<!--alert message-->
<?php if(@$_GET['w'])
{echo'<script>alert('".$_GET['w'].");</script>';}
?>
<!--alert message end-->

</head>

<body>

<!--header start-->
<div class="row header">
<div class="col-lg-6">

<span class="logo">Test Your Skill</span></div>
<div class="col-md-2">
</div>
<div class="col-md-4">

<?php
include_once 'dbConnection.php';
session_start();
if(!isset($_SESSION['email']))){
echo '<a href="#" class="pull-right sub1 btn title3" data-toggle="modal" data-target="#myModal">
<span class="glyphicon glyphicon-log-in" aria-hidden="true">
</span>&nbsp;<b>Signin</b></a>&nbsp;&nbsp;';}
else
{
echo '<a href="logout.php?q=feedback.php" class="pull-right sub1 btn title3">
<span class="glyphicon glyphicon-log-out" aria-hidden="true"><
/span>&nbsp;&nbsp;Signout</a>&nbsp;&nbsp;';}
?>

<a href="index.php" class="pull-right btn sub1 title3"><
span class="glyphicon glyphicon-" aria-hidden="true">
</span>&nbsp;&nbsp;<b>Register</b></a>&nbsp;&nbsp;
</div></div>

<!--sign in modal start-->
<div class="modal fade" id="myModal">
<div class="modal-dialog">
<div class="modal-content title1">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal" aria-label="Close"><span aria-
hidden="true">&times;</span></button>
<h4 class="modal-title title1"><span style="color:orange">Log In</span></h4>
```

</div>

<div class="modal-body">

<form class="form-horizontal" action="login.php?q=index.php" method="POST">

<fieldset>

<!-- Text input-->

<div class="form-group">

<label class="col-md-3 control-label" for="email"></label>

<div class="col-md-6">

<input id="email" name="email" placeholder="Enter your email-id" class="form-control input-md" type="email">

</div>

</div>

<!-- Password input-->

<div class="form-group">

<label class="col-md-3 control-label" for="password"></label>

<div class="col-md-6">

<input id="password" name="password" placeholder="Enter your Password" class="form-control input-md" type="password">

</div>

</div>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-default" data-dismiss="modal">Close</button>

<button type="submit" class="btn btn-primary">Log in</button>

</fieldset>

</form>

</div>

</div><!-- /.modal-content -->

</div><!-- /.modal-dialog -->

</div><!-- /.modal -->

<!--sign in modal closed-->

<!--header end-->

<div class="bg1">

<div class="row">

<h2 align="center" style="font-family:'typo'; color:#000066"></h2>

<div style="font-size:14px">

<?php if(@\$_GET['q'])echo '

<span class="glyphicon glyphicon-ok"

aria-hidden="true"> '.@\$_GET['q'].'';

```
else  
{echo'  
<br />
```

```
<div class="row">  
<div class="col-md-1"></div>  
<div class="col-md-10">  
<a href="mailto:chiraggoel.53784@gmail.com" style="color:#000000">  
</a><br /><br />  
</div><div class="col-md-1"></div></div>  
<p>  
</p>
```

```
<form role="form" method="post" action="feed.php?q=feedback.php">  
<div class="row">  
<div class="col-md-3"><b></b><br /><br /><br /><b></b></div>  
<div class="col-md-9">  
<!-- Text input-->  
<!--End of row-->
```

```
<div class="row">  
<div class="col-md-3"><b></b></div>  
<div class="col-md-9">  
<!-- Text input-->  
<div class="form-group">  
  
</div>  
</div>  
</div><!--End of row-->
```

```
</form>';} ?>  
</div><!--col-md-6 end-->  
<div class="col-md-3"></div></div>  
</div></div>  
</div><!--container end-->
```

```
<!--Footer start-->  
<div class="row footer">  
<div class="col-md-3 box">  
<a href="about.php" target="_blank"><b>About</b></a>  
</div>  
<div class="col-md-3 box">  
<a href="#" data-toggle="modal" data-target="#login">  
<b>Admin Login</b></a></div>  
<div class="col-md-3 box">  
<a href="#" data-toggle="modal" data-target="#developers">
```

Developers

</div>

<div class="col-md-3 box">

Feedback</div></div>

<!-- Modal For Developers-->

<div class="modal fade title1" id="developers">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<button type="button" class="close" data-dismiss="modal">×

Close</button>

<h4 class="modal-title" style="font-family:'typo'">Developers

</h4>

</div>

<div class="modal-body">

<p>

<div class="row">

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

</div>

<div class="col-md-5">

Nayan Surya, Gishnu govind, Santhosh.A

<h4 style="color:#202020;font-family:'typo';font-size:16px" class="title1">+91 9165063741</h4>

<h4 style="font-family:'typo'">nayansurya46@gmail.com</h4>

<h4 style="font-family:'typo'">BNM Institute & Technology ,banglore</h4></div></div>

</p>

</div>

</div><!-- /.modal-content -->

</div><!-- /.modal-dialog -->

</div><!-- /.modal -->

<!--Modal for admin login-->

<div class="modal fade" id="login">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<button type="button" class="close" data-dismiss="modal">

×

Close</button>

<h4 class="modal-title">

LOGIN</h4>

</div>

```
<div class="modal-body title1">
<div class="row">
<div class="col-md-3"></div>

<div class="col-md-6">
<form role="form" method="post" action="admin.php?q=index.php">
<div class="form-group">
<input type="text" name="uname" maxlength="20" placeholder="Admin user id" class="form-control"/>
</div>
<div class="form-group">
<input type="password" name="password" maxlength="15" placeholder="Password" class="form-control"/>
</div>
<div class="form-group" align="center">
<input type="submit" name="login" value="Login" class="btn btn-primary" />
</div>
</form>
</div><div class="col-md-3"></div></div>
    </div>
    <!--<div class="modal-footer">
        <button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
    </div>-->
</div><!-- /.modal-content -->
</div><!-- /.modal-dialog -->
</div><!-- /.modal -->
<!--footer end-->

</body>
</html>
```

4.2.2 Login Page

```
<?php
session_start();
if(isset($_SESSION["email"])){
session_destroy();
}
include_once 'dbConnection.php';
$ref=@$_GET['q'];
$email = $_POST['email'];
$password = $_POST['password'];

$email = stripslashes($email);
$email = addslashes($email);
$password = stripslashes($password);
$password = addslashes($password);
$password=md5($password);
$result = mysqli_query($con,"SELECT name FROM user WHERE email = '$email' and password =
'$password'" ) or die('Error');
$count=mysqli_num_rows($result);
if($count==1){
while($row = mysqli_fetch_array($result)) {
    $name = $row['name'];
}
$_SESSION["name"] = $name;
$_SESSION["email"] = $email;
header("location:account.php?q=1");
}
else
header("location:$ref?w=Wrong Username or Password");

?>
```


CHAPTER 5

RESULT

1. HOME PAGE

This is the page through which the user can register or login. This page also contains the feedback of married couples.

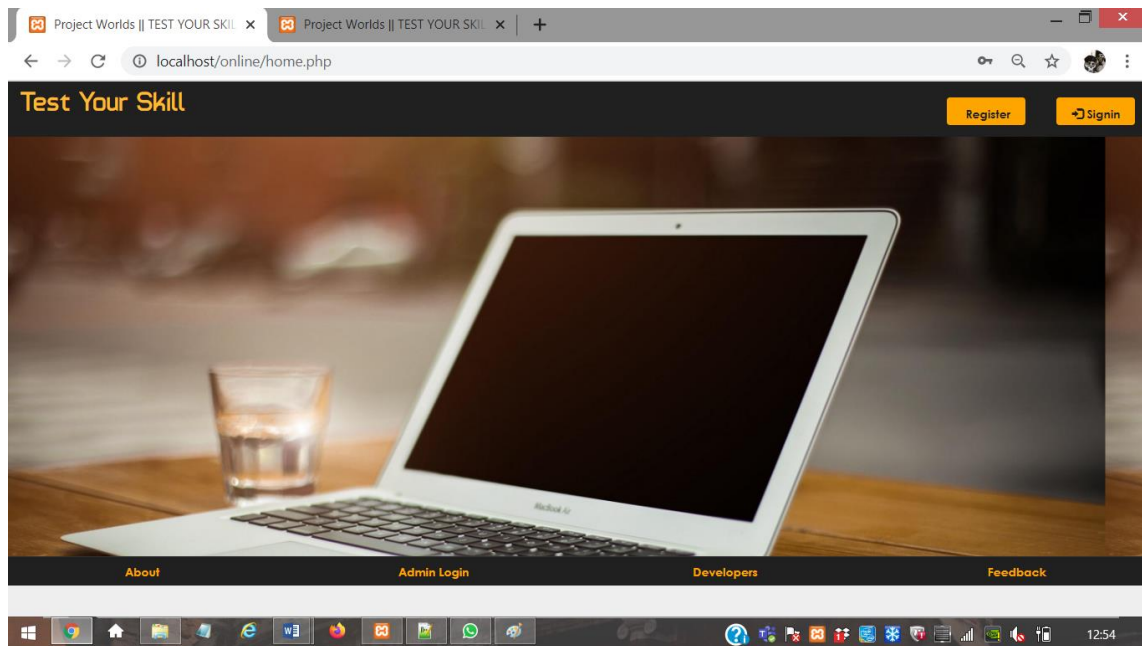


Fig 5.1 Home Page

2. REGISTRATION

Through this page the user can register if he does not have an existing account.

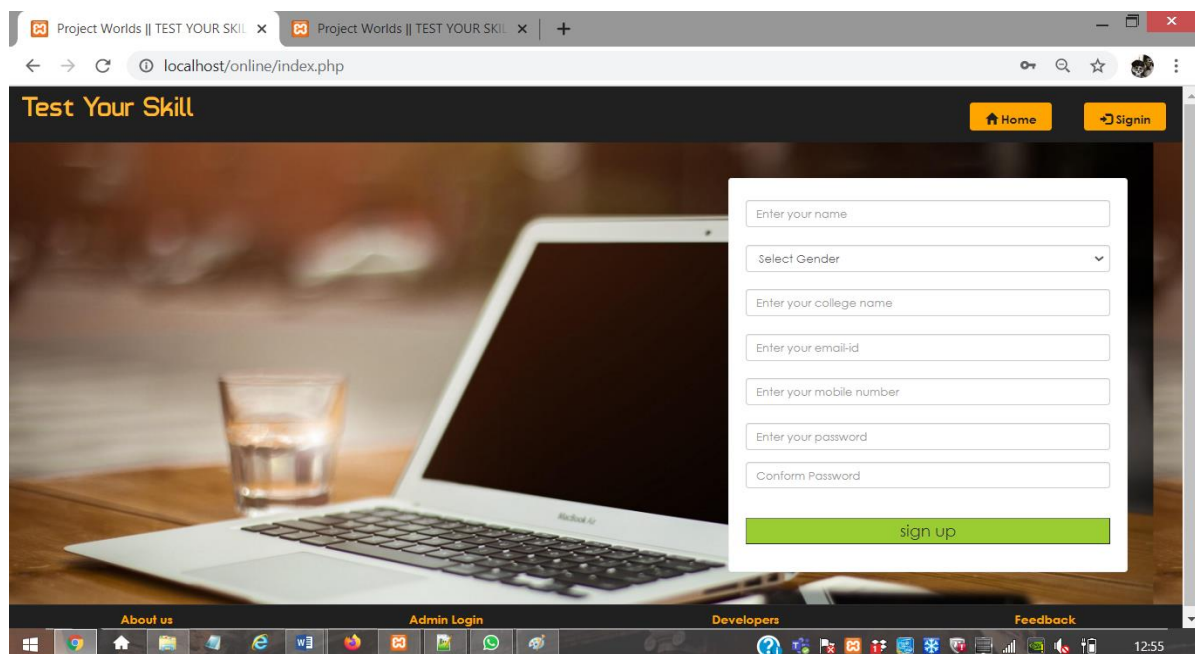


Fig 5.2 Registration Page

3. USER LOGIN

This page allows user login.

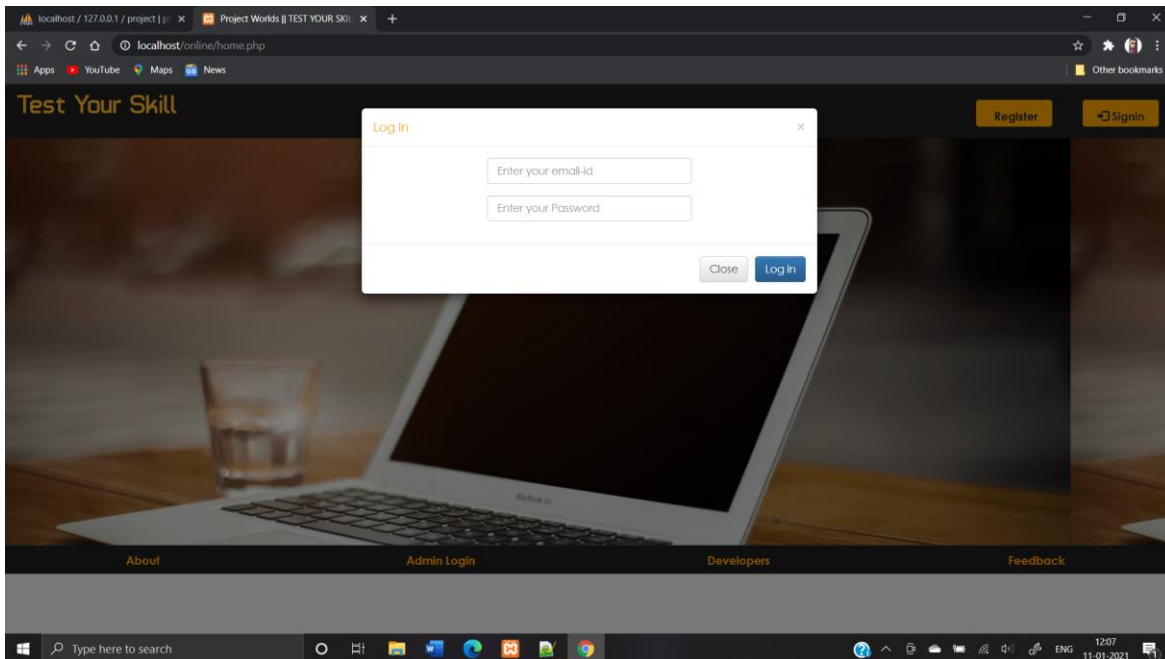


Fig 5.3 User Login

4. ADMIN

This page allows admin to login

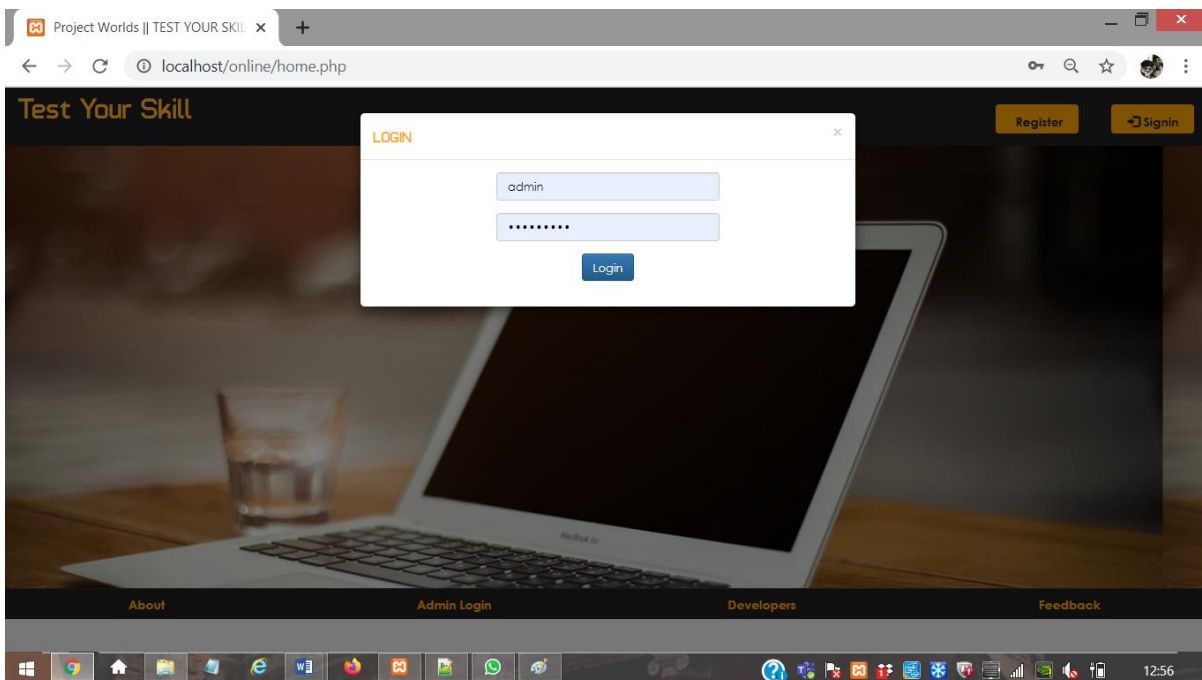


Fig 5.4 Admin Login

5. ADMIN PAGE

This page allows admin to view the user's list and also enables to delete user account.

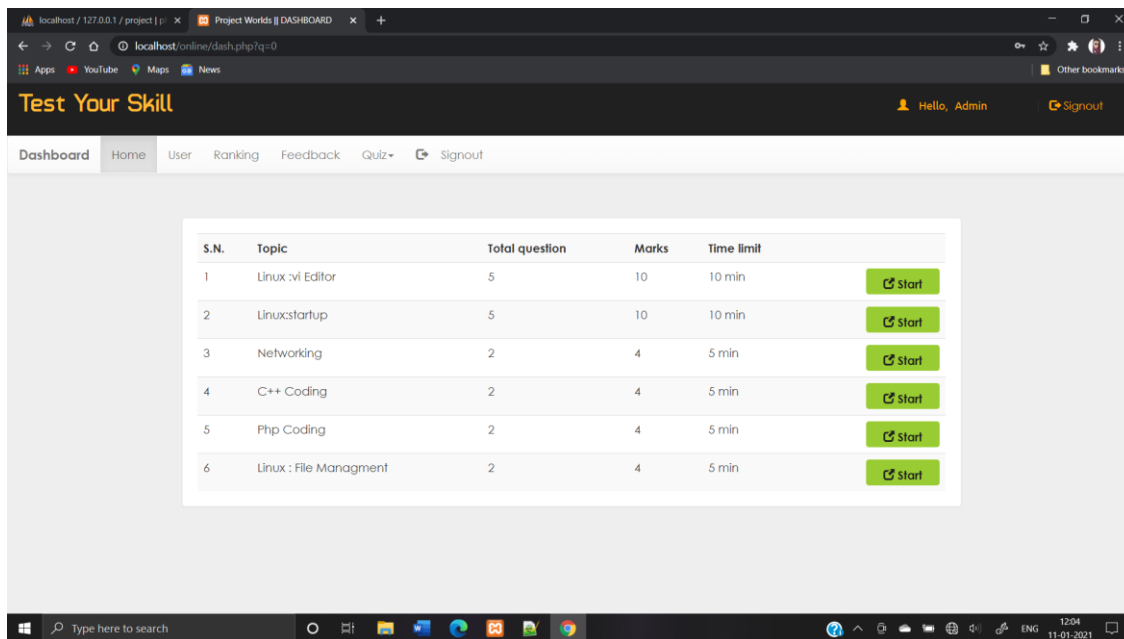


Fig 5.5 Admin page

6. USER HOME

This page is the user home page which provides user various options to edit their profile.

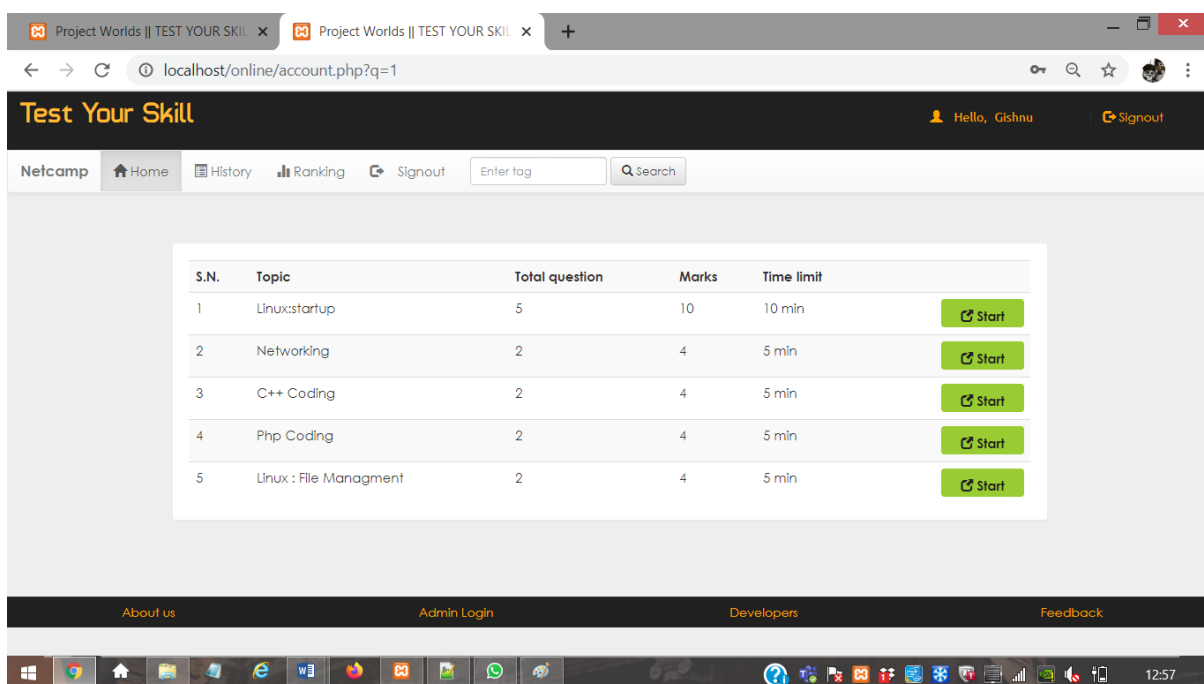


Fig 5.6 User Home

7. SUBJECTS PROVIDED

This page allows students to take the required subjects.

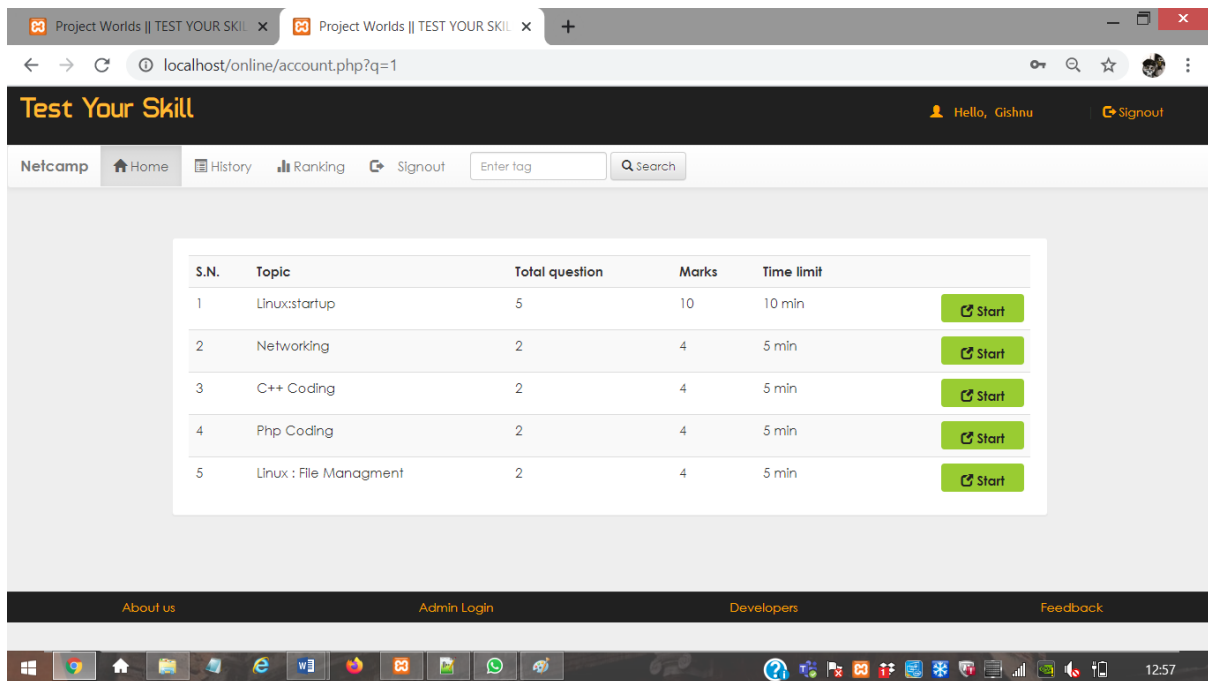


Fig 5.7 Subject Provided

8. RANKING

This page allows user to check their position.

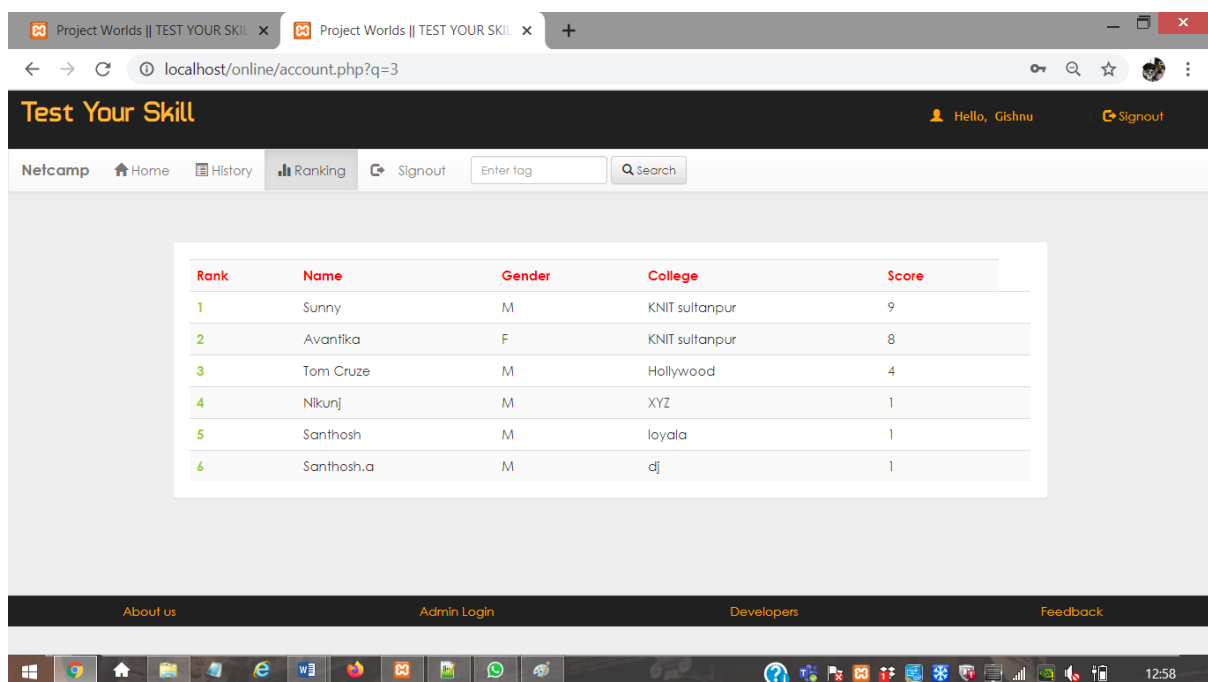


Fig 5.8 Ranking

9. USERS

This page allows admin to check the number of users.

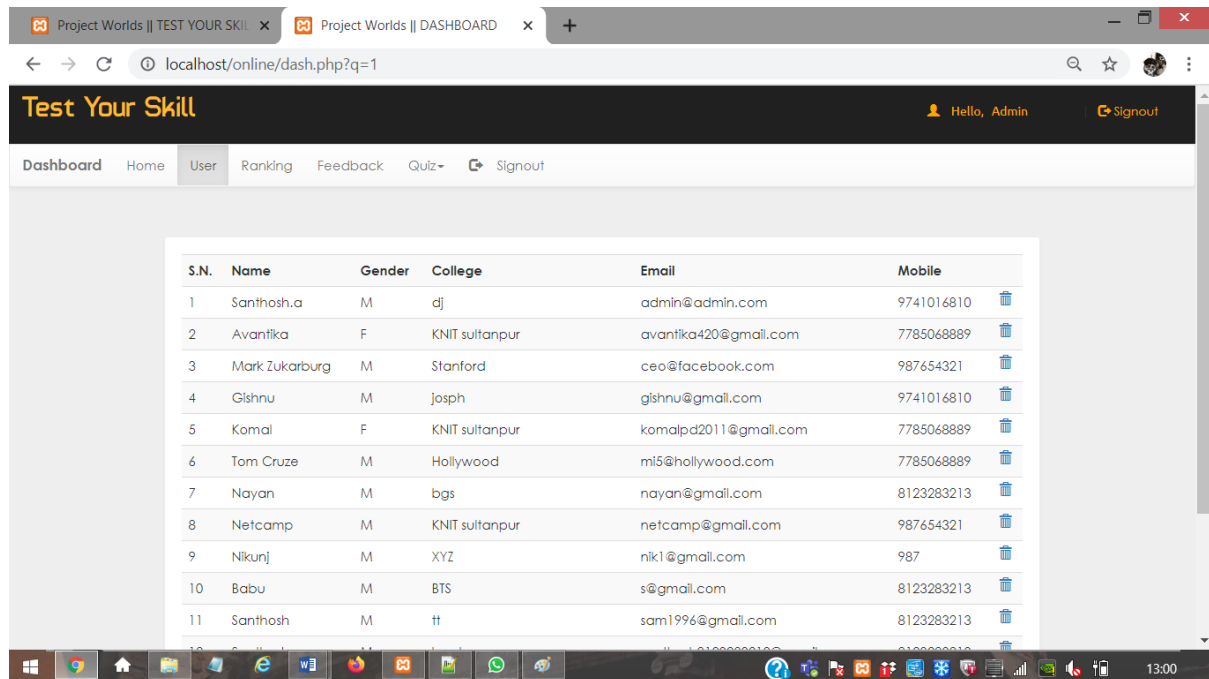


Fig 5.9 Search

10.UPLOAD IMAGE

This page is used to upload image of the user.

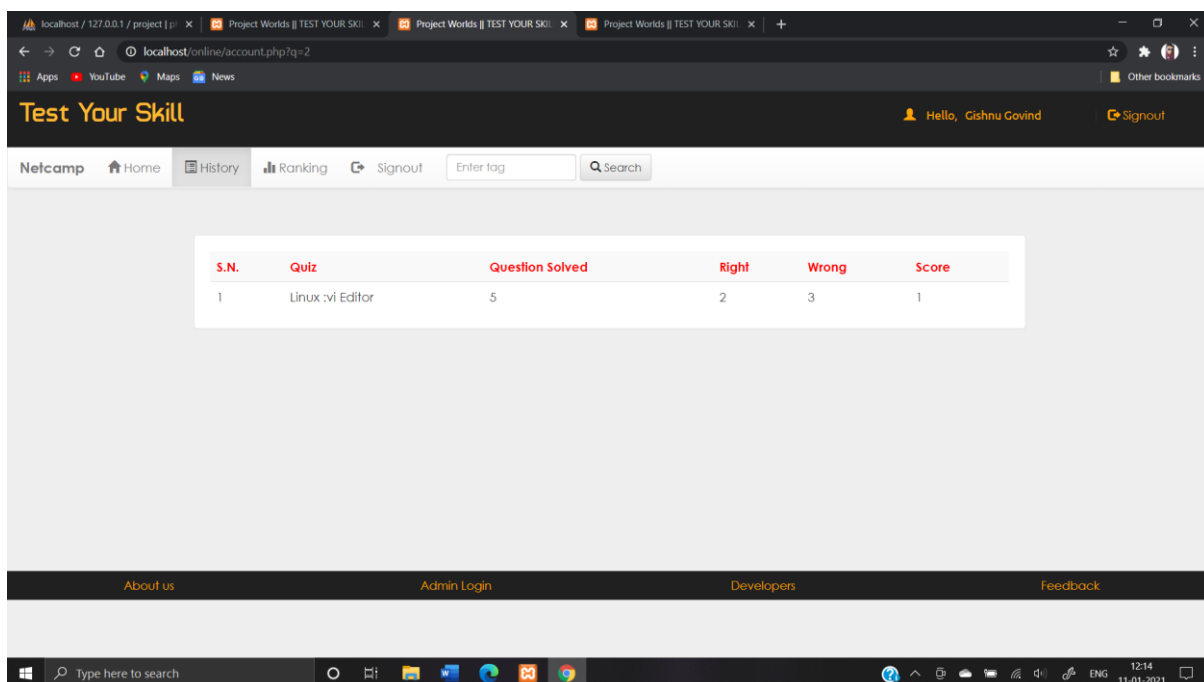


Fig 5.10 Upload Image

11.CONTACT

This page contains the contact details of the wedlock management.

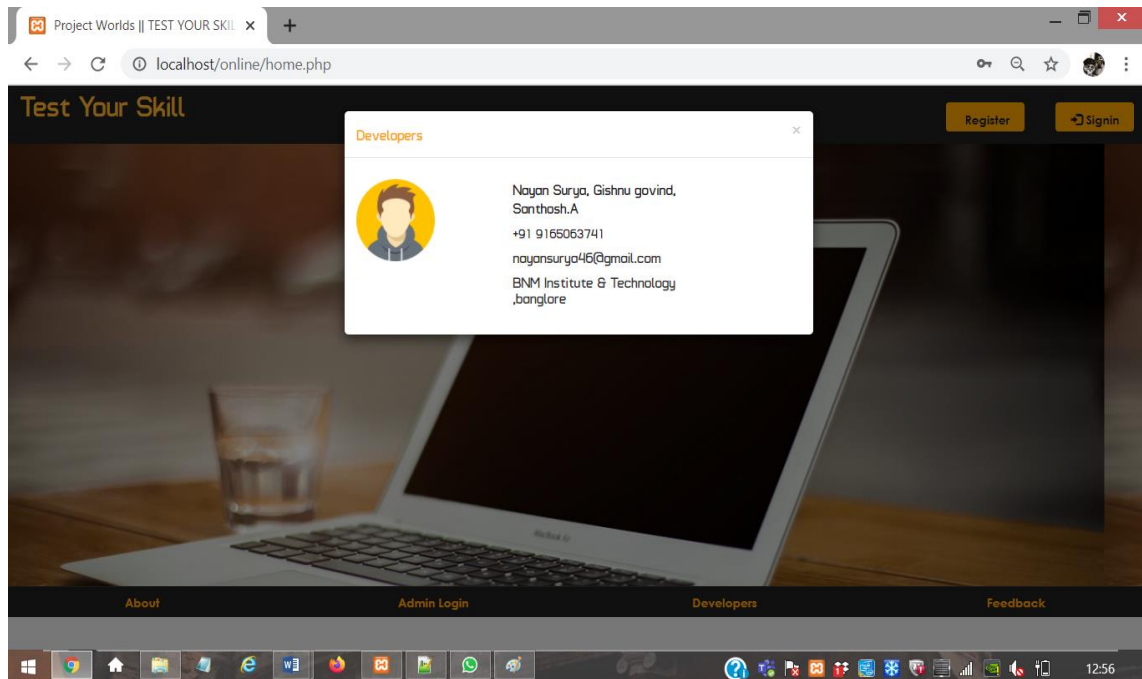


Fig 5.11 Contact

12. ABOUT

This page contains the brief information about the wedlock.

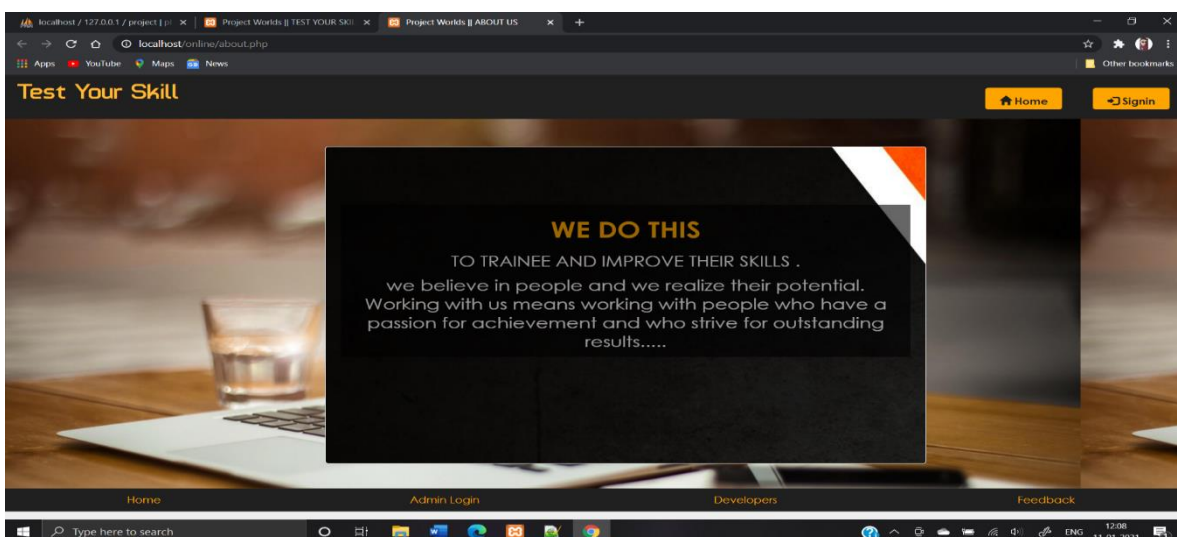
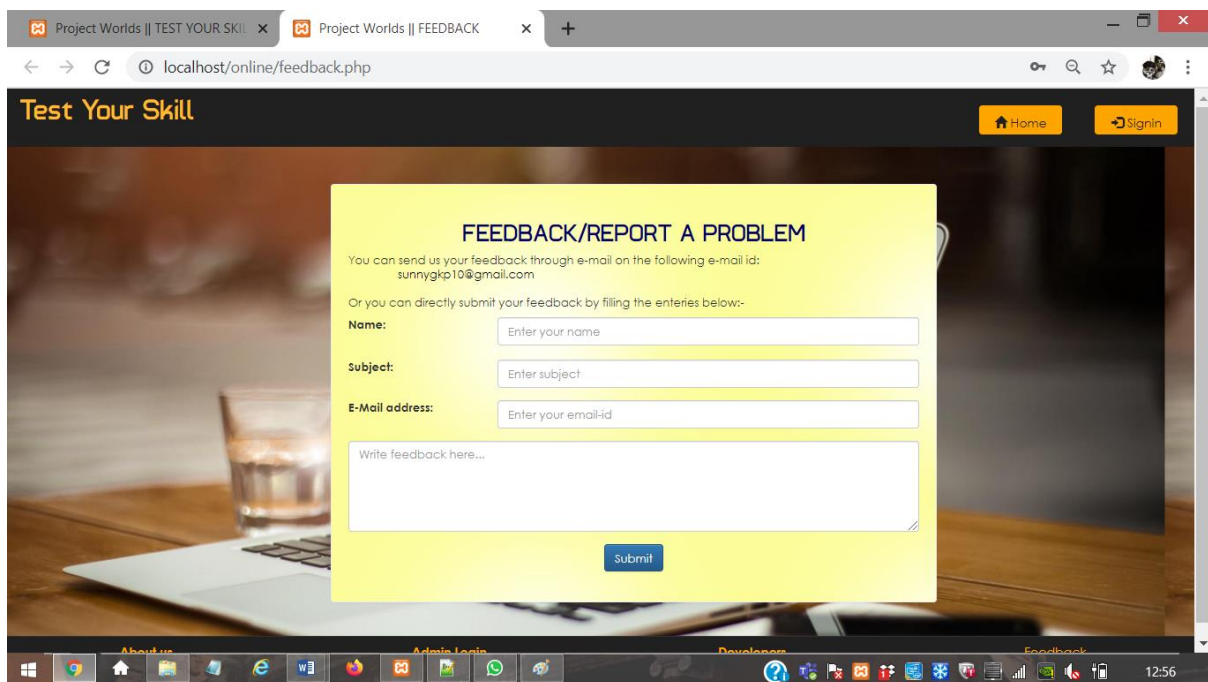


Fig 5.12 About

13. FEEDBACK

This page contains the Feedback which helps us to make changes if any changes required.



The screenshot shows a web browser window with two tabs: "Project Worlds || TEST YOUR SKILL" and "Project Worlds || FEEDBACK". The address bar shows "localhost/online/feedback.php". The page has a dark header with "Test Your Skill" on the left and "Home" and "Signin" buttons on the right. The main content area features a yellow feedback form titled "FEEDBACK/REPORT A PROBLEM". The form includes instructions on how to provide feedback via email or directly through the form. It contains input fields for Name, Subject, and E-Mail address, followed by a large text area for the feedback message and a "Submit" button. The background of the page shows a laptop and a glass of water on a wooden desk. The Windows taskbar is visible at the bottom with various application icons and a system clock showing 12:56.

Test Your Skill Home Signin

FEEDBACK/REPORT A PROBLEM

You can send us your feedback through e-mail on the following e-mail id:
sunnygkp10@gmail.com

Or you can directly submit your feedback by filling the entries below:-

Name:

Subject:

E-Mail address:

Write feedback here...

Fig 5.13 Feedback

CHAPTER 6

CONCLUSION

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.

CHAPTER 7

FUTURE ENHANCEMENT

FUTURE ENCHANCEMENT

This application avoids the manual work and the problems concern with it. It is an easy way to obtain the information regarding the different scheduled examinations information that are Currently issued. Well, I and my team members have worked hard in order to present an improved website better than the existing one's regarding the information about the various activities. Still, we found out that the project can be done in a better way. Primarily, when we request information about a particular schedule it just shows the exam date and platform. So, after getting the information we can get access to the online exam. The enhancement that we can add the searching option. We can directly search to the particular student details from this site.