

Date:16.02.2022

**Third Year B. Tech., Sem VI 2021-22**

**Advanced Database System Lab**

**Assignment submission**

**PRN No: 2019BTECS00064**

**Full name: Kunal Santosh Kadam**

**Batch: T2**

**Assignment: 5**

**Title of assignment: Web-based Online Multiple-Choice  
Tests System**

Design and implement a system for managing online multiple-choice tests. The system should support distributed contribution of questions by teaching assistants, editing of the questions by whoever is in-charge of the course and creation of tests from the available set of questions. It should be able to administer the tests online, either at a fixed time for all students or at any time but with a time, limit from start to finish and give students feedback on their scores at the end of the allotted time.

**Note: The system should allow to give exam from mobile device also**

**Technology stack: Go Language / MySQL or Oracle/ Bootstrap v5.0, look and feel UI template**

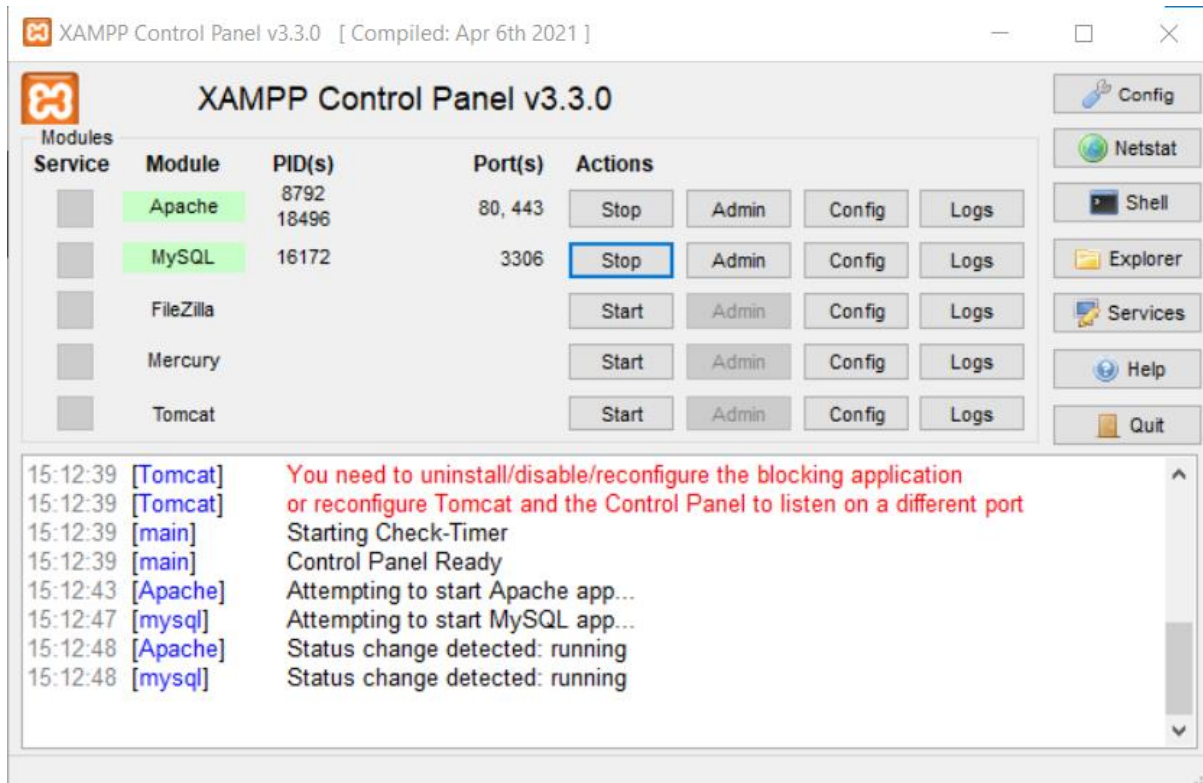
Requirement Specifications:

1. User management at different levels (Teachers/students)

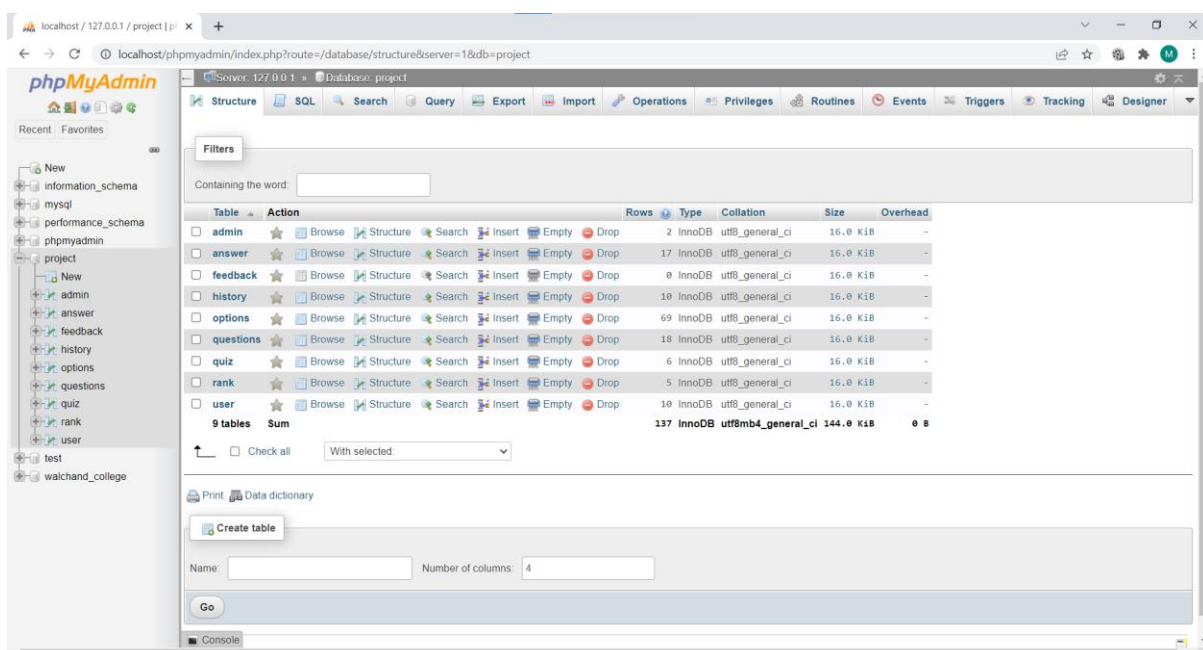
2. Question Bank Entry form with provision of accepting images /mathematical expressions
3. Generic report generation: Should able to display/list any data.

Ans:

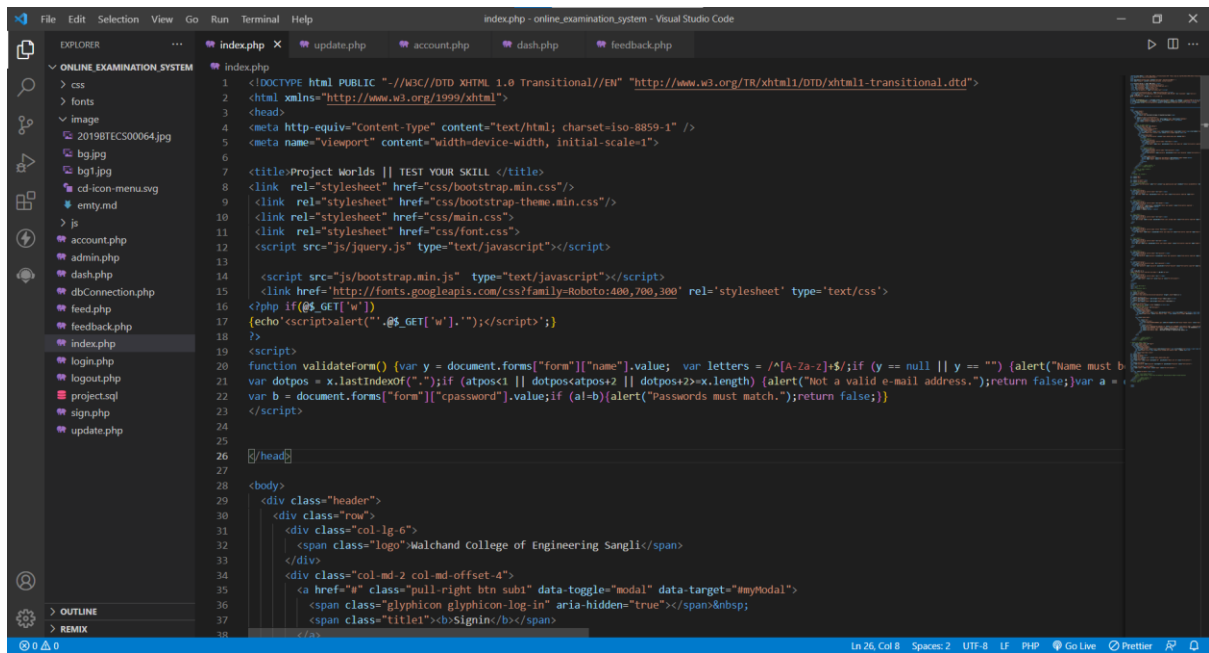
Starting of MySQL and Apache Modules on XAMPP Control Panel



Database Created

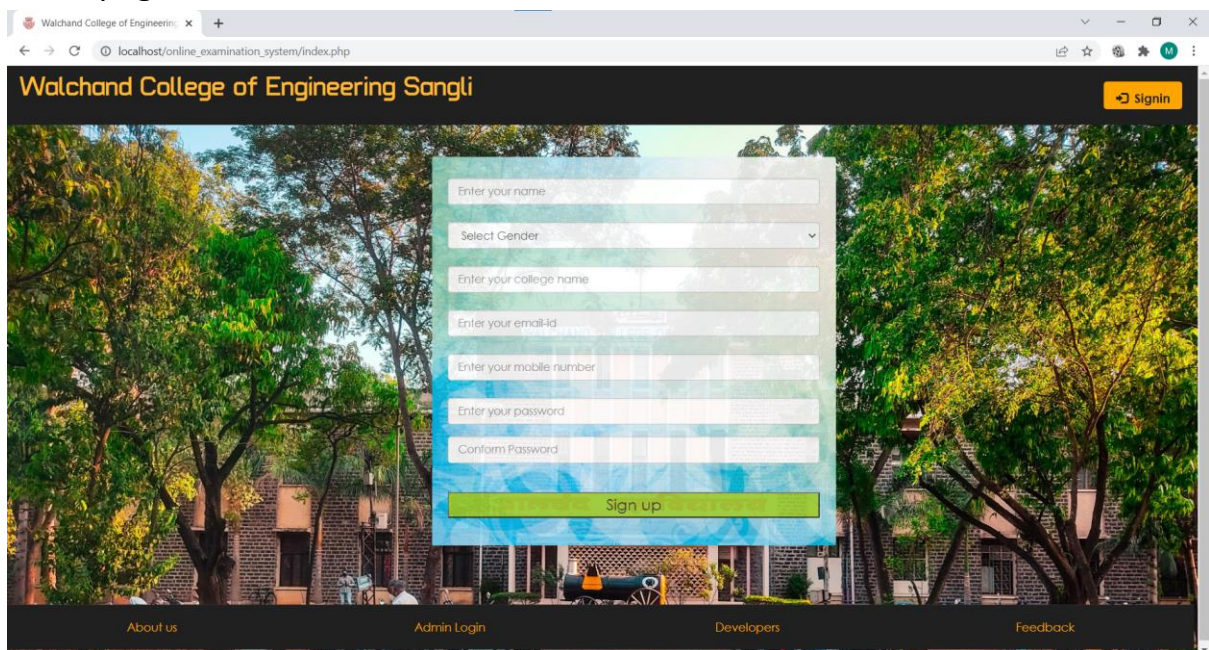


## Coding



```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2 <html xmlns="http://www.w3.org/1999/xhtml">
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6
7 <title>Project Worlds || TEST YOUR SKILL </title>
8 <link rel="stylesheet" href="css/bootstrap.min.css"/>
9 <link rel="stylesheet" href="css/bootstrap-theme.min.css"/>
10 <link rel="stylesheet" href="css/main.css">
11 <link rel="stylesheet" href="css/font.css">
12 <script src="js/jquery.js" type="text/javascript"></script>
13
14 <script src="js/bootstrap.min.js" type="text/javascript"></script>
15 <link href="http://fonts.googleapis.com/css?family=Roboto:400,700,300" rel="stylesheet" type="text/css">
16 <?php if($_GET['w'])
17 {echo'<script>alert('".$_GET['w'].');</script>';}
18 }>
19 <script>
20 function validateForm() {var y = document.forms["form"]["name"].value; var letters = /^[A-Za-z]+$>
21 if (y == null || y == "") {alert("Name must be alphabet.");return false;}
22 var dotpos = x.lastIndexOf(".");if (atpos<1 || dotpos<atpos+2 || dotpos+2>x.length) {alert("Not a valid e-mail address.");return false;}var a =
23 var b = document.forms["form"]["cpassword"].value;if (a!=b){alert("Passwords must match.");return false;}}
24 </script>
25
26 </head>
27
28 <body>
29 <div class="header">
30 <div class="row">
31 <div class="col-lg-6">
32 <span class="logo">Walchand College of Engineering Sangli</span>
33 </div>
34 <div class="col-md-2 col-md-offset-4">
35 <a href="#" class="pull-right btn sub1" data-toggle="modal" data-target="#myModal">
36 <span class="glyphicon glyphicon-log-in" aria-hidden="true"></span>&nbsp;Sign in
37 <span class="title"><b>Sign in</b></span>
38 </div>
39 </div>
40 </div>
```

## Homepage



## Login Page

Walchand College of Engineering

LOGIN

Admin user Id

Password

Login

Enter your college name

Enter your email Id

Enter your mobile number

Enter your password

Confirm Password

Sign up

About us Admin Login Developers Feedback

## Admin Page

Walchand College of Engineering

Dashboard Home User Ranking Feedback Quiz+ Signout

Hello, Admin

S.N.	Topic	Total question	Marks	Time limit	
1	Linux :vi Editor	5	10	10 min	Start
2	Linux:startup	5	10	10 min	Start
3	Networking	2	4	5 min	Start
4	C++ Coding	2	4	5 min	Start
5	Php Coding	2	4	5 min	Start
6	Linux : File Managment	2	4	5 min	Start



## Admin: Student Attempted Page

Walchand College of Engineering

Dashboard Home User Ranking Feedback Quiz+ Signout Hello, Admin

S.N.	Name	Gender	College	Email	Mobile
1	Avantika	F	KNIT sultanpur	avantika420@gmail.com	7785068889
2	Mark Zukarburg	M	Stanford	ceo@facebook.com	987654321
3	Komal	F	KNIT sultanpur	komalpd2011@gmail.com	7785068889
4	Pragati	F	dfhgjbvhcgf	kunal.kadam@walchandsangli.ac.in	9788653221
5	Omkar	M	sfgsdfhg	kunalkadam064@gmail.com	9765432165
6	Kunal Kadam	M	Walchand College of Engineering Sangli	kunalkadam179@gmail.com	9890300733
7	Tom Cruze	M	Hollywood	mi5@hollywood.com	7785068889
8	Netcamp	M	KNIT sultanpur	netcamp@gmail.com	987654321
9	Nikunj	M	XYZ	nik1@gmail.com	987
10	Sunny	M	KNIT sultanpur	sunnygkp10@gmail.com	7785068889
11	User	M	clmt	user@user.com	11
12	Vikash	M	KNIT sultanpur@gmail.com	vikash@gmail.com	7785068889

## Admin: Ranking Page

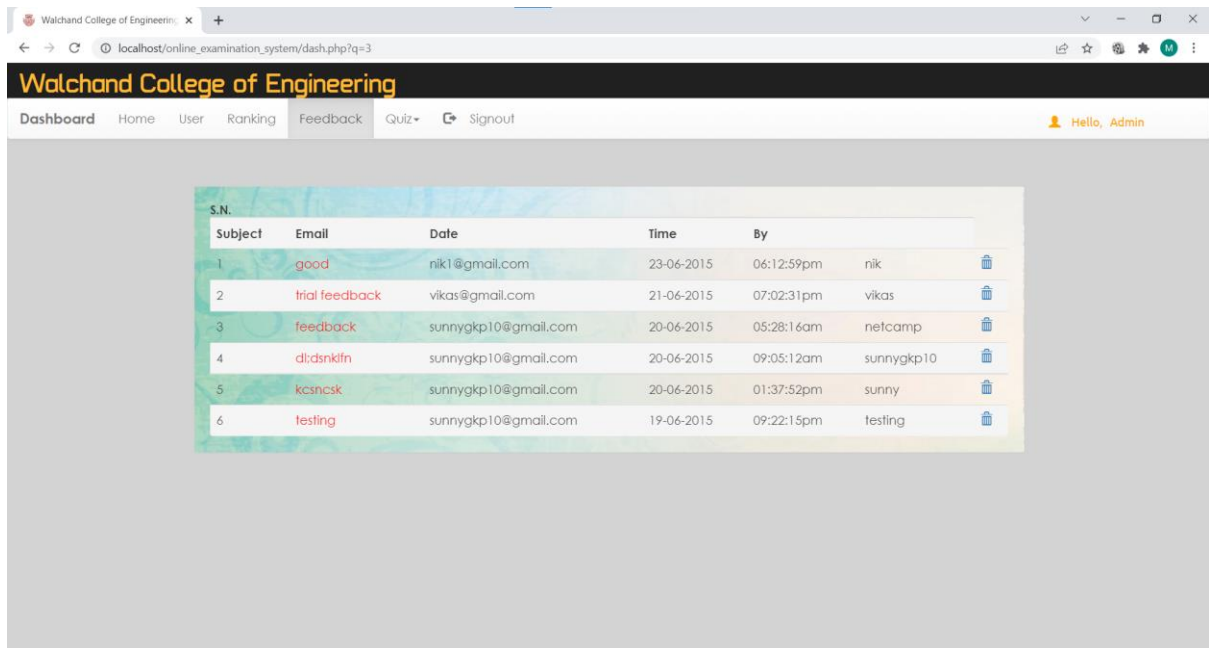
Walchand College of Engineering

Dashboard Home User Ranking Feedback Quiz+ Signout Hello, Admin

Rank	Name	Gender	College	Score
1	Sunny	M	KNIT sultanpur	9
2	Avantika	F	KNIT sultanpur	8
3	Tom Cruze	M	Hollywood	4
4	Nikunj	M	XYZ	1
5	Omkar	M	sfgsdfhg	-2
6	Pragati	F	dfhgjbvhcgf	-2
7	Kunal Kadam	M	Walchand College of Engineering Sangli	-4

Export

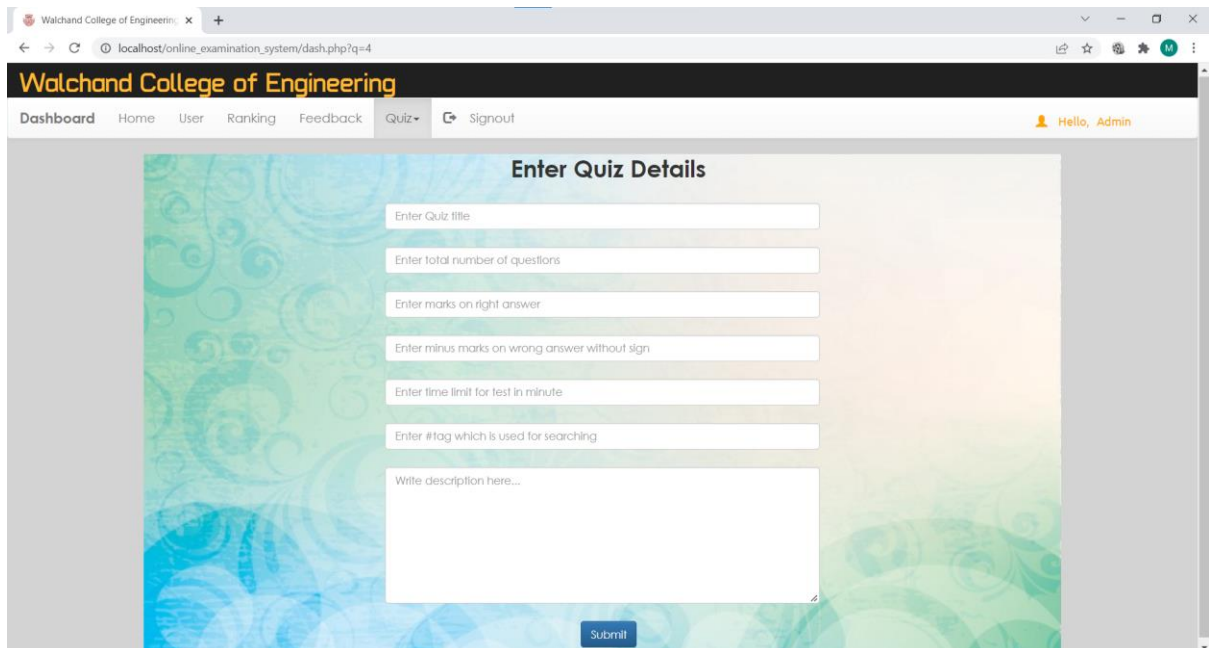
## Admin: Feedback Page



The screenshot shows the 'Feedback' page of the Walchand College of Engineering online examination system. The page features a navigation bar with links to Dashboard, Home, User, Ranking, Feedback, Quiz, and Signout. The 'Feedback' section displays a table of feedback entries with columns for S.N., Subject, Email, Date, Time, and By. Each entry includes a trash icon for deletion.

S.N.	Subject	Email	Date	Time	By
1	good	nik1@gmail.com	23-06-2015	06:12:59pm	nik
2	trial feedback	vikas@gmail.com	21-06-2015	07:02:31pm	vikas
3	feedback	sunnygkp10@gmail.com	20-06-2015	05:28:16am	netcamp
4	di:dnkfn	sunnygkp10@gmail.com	20-06-2015	09:05:12am	sunnygkp10
5	kcsnck	sunnygkp10@gmail.com	20-06-2015	01:37:52pm	sunny
6	testing	sunnygkp10@gmail.com	19-06-2015	09:22:15pm	testing

## Admin: Add Quiz Page



The screenshot shows the 'Add Quiz' page of the Walchand College of Engineering online examination system. The page features a navigation bar with links to Dashboard, Home, User, Ranking, Feedback, Quiz, and Signout. The 'Quiz' section displays a form titled 'Enter Quiz Details' with fields for Quiz title, total number of questions, marks on right answer, minus marks on wrong answer without sign, time limit for test in minute, #tag which is used for searching, and a text area for description. A 'Submit' button is at the bottom.

**Enter Quiz Details**

Enter Quiz title

Enter total number of questions

Enter marks on right answer

Enter minus marks on wrong answer without sign

Enter time limit for test in minute

Enter #tag which is used for searching

Write description here...

Submit

## Admin: Question Adding Page

Walchand College of Engineering

Dashboard Home User Ranking Feedback Quiz Signout Hello, Admin

### Enter Question Details

Question number 1 :

Write question number 1 here...

Enter option a

Enter option b

Enter option c

Enter option d

Correct answer:

Select answer for question 1

Question number 2 :

Write question number 2 here...

## Student Dashboard Page

Walchand College of Engineering Sangli

Dashboard Home History Ranking Feedback Signout Enter tag Search Hello, Kunal Kadam

S.N.	Topic	Total question	Marks	Time limit	
1	Linux :vi Editor ✓	5	10	10 min	Restart
2	Linux:startup	5	10	10 min	Start
3	Networking ✓	2	4	5 min	Restart
4	C++ Coding	2	4	5 min	Start
5	Php Coding	2	4	5 min	Start
6	Linux : File Managment	2	4	5 min	Start

## Student: History Page

Walchand College of Engineering Sangli

Dashboard Home History Ranking Feedback Signout Enter tag Search Hello, Kunal Kadam

S.N.	Quiz	Question Solved	Right	Wrong	Score
1	Linux :vi Editor	5	1	4	-2
2	Networking	2	0	2	-2

## Student: Ranking Page

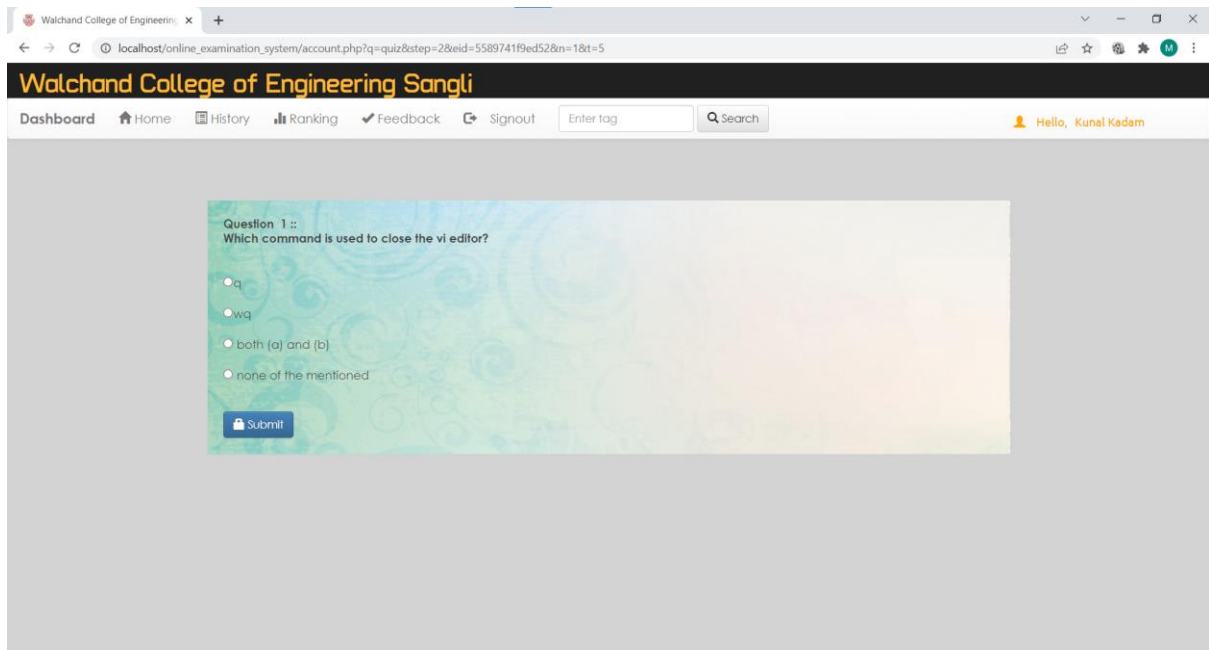
Walchand College of Engineering Sangli

Dashboard Home History Ranking Feedback Signout Enter tag Search Hello, Kunal Kadam

Rank	Name	Gender	College	Score
1	Sunny	M	KNIT sultanpur	9
2	Avantika	F	KNIT sultanpur	8
3	Tom Cruze	M	Hollywood	4
4	Nikunj	M	XYZ	1
5	Omkar	M	sfgsdhfg	-2
6	Pragati	F	dfhgjbvhcgf	-2
7	Kunal Kadam	M	Walchand College of Engineering Sangli	-4

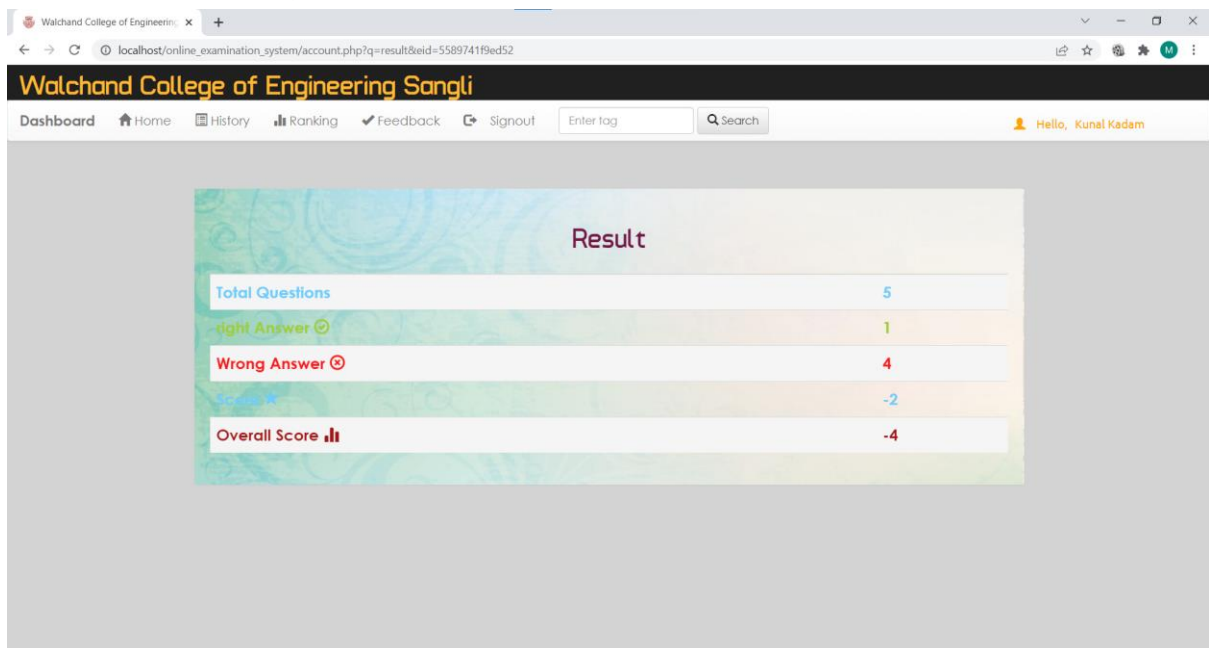


## Student: Quiz Question Page



The screenshot shows a web browser window with the URL `localhost/online_examination_system/account.php?q=quiz&step=2&eid=5589741f9ed52&n=1&t=5`. The page header for "Walchand College of Engineering Sangli" includes navigation links: Dashboard, Home, History, Ranking, Feedback, and Signout. A search bar and a user greeting "Hello, Kunal Kadam" are also present. The main content area displays "Question 1 :: Which command is used to close the vi editor?" with four radio button options:   
☐ q  
☐ wq  
☐ both (a) and (b)  
☐ none of the mentioned  
A "Submit" button is located at the bottom of the question box.

## Student: Result Page



The screenshot shows the "Result" page in the same web application. The URL is `localhost/online_examination_system/account.php?q=result&eid=5589741f9ed52`. The page header is identical to the quiz page. The main content area displays a table with the following data:

Result	
Total Questions	5
Right Answer 😊	1
Wrong Answer ☹	4
Score ✖	-2
Overall Score 📊	-4

## Feedback Page

Walchand College of Engineering Sangli

Home Signout

### FEEDBACK/REPORT A PROBLEM

You can send us your feedback through e-mail on the following e-mail id:  
kunal.kadam@walchandsangli.ac.in

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

Name:

Subject:

E-Mail address:

Write feedback here...

Submit


About us Admin Login Developers Feedback

## Developer Page

Walchand College of Engineering Sangli

Signin

### Developers

  
Kunal Kadam  
+91 9890300733  
kunal.kadam@walchandsangli.ac.in  
Walchand College of Engineering Sangli

Enter your email-id

Enter your mobile number

Enter your password

Confirm Password

Sign up

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