

# **LONG TERM INTERNSHIP**

## **SCHOOL MANAGEMENT SYSTEM**

A Project Submitted In Partial Fulfillment of the  
Requirements for The Degree Of

## **BACHELOR OF COMPUTER SCIENCE**

**By**

**KALAGARLA LAKSHMI SIRISHA**

**Regd.No.720131905023**

**Under the esteemed guidance of**

**Y.KRISHNA**

**Lecturer in Computer Science**

**Pydah College for Women**



**PYDAH COLLEGE FOR WOMEN  
AFFILIATED TO ANDHRA UNIVERSITY  
VISAKHAPATNAM**

**2022-2023**

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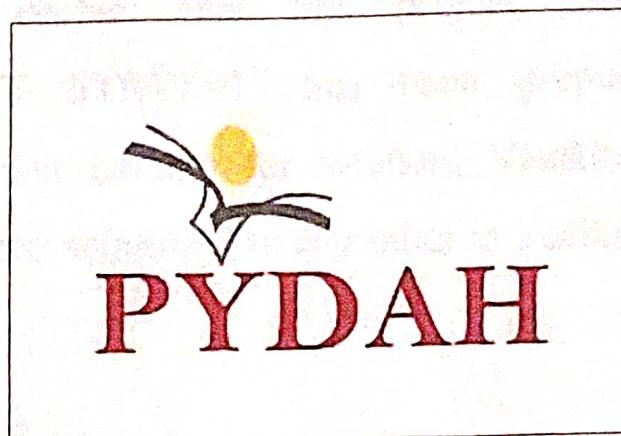
**PYDAH COLLEGE FOR WOMEN**  
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**VISAKHAPATNAM**

**2022-2023**

# **PYDAH DEGREE COLLEGE FOR WOMEN**

**(Affiliated by Andhra University)**

**Visakhapatnam**



## **CERTIFICATE**

This is to certify that this is a bonafide project work entitled  
**“SCHOOL MANAGEMENT SYSTEM”** by **KALAGARLA LAKSHMI SIRISHA** bearing regd.no.**720131905023** student of bachelor of computer science in Pydah College for women, Andhra university during period 2022-2023

External:

**Y.KRISHNA**

**(Project Guide)**

**HOD**

## **DECLARATIONS**

I, [REDACTED] do hereby declare that I have read and understood the above written statement and that it is true to the best of my knowledge and belief.

[Signature]

[Signature]

## **DECLARATION**

I hereby declare that this project entitled "**SCHOOL MANAGEMENT SYSTEM**" has been prepared by me and submitted to pydah college for women, Visakhapatnam and this project has not been submitted to any other in institute previously.

Visakhapatnam

Date:

Name: *K. Lakshmi Srisha*

[Type text]

# School Management System

[Type text]

[Type text]

## CONTEXT

- 1.Objectives**
- 2.Input and Output**
- 3.Details of Modules**
- 4.Usecase Diagrams**
- 5.Tools/Platforms/Languages**
- 6.Coding(PHP and My Sql)**
- 7.Database Tables**
- 8.Output Screens**
- 9.Test Cases**
- 10.Limitations of the Project**
- 11.Scope of Future Reference**

### Bibliography

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## 1.OBJECTIVES

Online School management system is a web application, verymuch used for all schools, colleges. Now a days in schools and colleges it is difficult to maintain faculties, their hours, and student details.. Using our application, we can easily maintain entire school data, and we can easily search for each faculty periods.

Admin can add, delete, update, display existing students and faculty details. Each and every faculties periods are added to our database. students can register by his own. After that the student can search for his class subjects and their faculty names.

[Type text]

{Type text}

## **2.INPUT AND OUTPUT**

Input Forms in our project:

- 1) Student registration form
- 2) Faculties registration form

Output Pages in our project:

- 1) Display all faculties and their periods
- 2) Display all student details
- 3) Students can search faculty details.

{Type text}

[Type text]

## About PHP and MySql

### 6.CODING

1) Index.php

```
<html>

<frameset rows="20%, 80%">

<frame name="f1" src="menu.php">

<frame name=f2>

</frameset>

</html>
```

2) Menu.php:

```
<html>

<body bgcolor="yellow">
<a href="home.php" target="f2">Home</a>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; | &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
<a href="userlogin.php" target="f2">Student Page</a>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; | &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
<a href="agentlogin.php" target="f2"> Faculty Page</a>
&nbsp;&nbsp;&nbsp;&nbsp; | &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
<a href="adminlogin.php" target="f2">Admin Login</a>

</body>
</html>
```

[Type text]

[Type text]

3) Display all students:

```
<html>
<body bgcolor=lightgreen>
<br><br>
<?php
$c=mysql_connect("localhost", "root", "");
if(! $c)
{
echo "server not connected";
}
else
{
echo "server connection succesful";
}

$d=mysql_select_db("project13");
if(! $d)
{
echo "<br>database not connected";
}
else
{
echo "<br>database connection succesful";
}

$s="select * from students";
```

[Type text]

```
$k=mysql_query($s, $c);

if(! $k)
{
echo "<br>error in retrieving data";
}
else
{
echo "<br>select command success";
}

echo "<center><table border=1 bgcolor=lightyellow height=30%
width=60%><tr>
<th>Student ID
<th>Student Name
<th>Class
<th>Mobile

";
while($r=mysql_fetch_array($k))
{
echo

"<tr><td>$r[0]" . "<td> " . "$r[1]" . "<td>" . "$r[2]" . "<td>" . "$r[3]" ;
}

echo "</table></center>"
?>

</body>
</html>
```

[Type text]

[Type text]

## 7.DATABASE TABLES

1) Faculties Table:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	facid	bigint(8)			No	None		AUTO_INCREMENT
2	facname	varchar(30)	latin1_swedish_ci		No	None		
3	sub	varchar(30)	latin1_swedish_ci		No	None		
4	mobile	bigint(10)			No	None		

2) Hours Table:

hour_id	class	subject	weekday
1	class1	maths	monday
2	class1	computers	monday
1	class2	english	monday
2	class2	telugu	monday
1	class1	computers	tuesday
2	class1	maths	tuesday
1	class2	telugu	tuesday
2	class2	english	tuesday

[Type text]

(Free text)

3) students Table:

stuid	stuname	class	mobile
1	manasa	class1	8767876787
2	ramya	class1	9878987898
3	kiran	class2	9876567656
4	sandhya	class2	6567678787

[Type text]

## 8.OUTPUT SCREENS

### 1) Home.php:

The screenshot shows a web browser window with the title "localhost/project13". The navigation bar includes links for "Home", "Student Page", "Faculty Page", and "Admin Login". The main content area displays the following text and tables:

**Welcome to Student Management System**

Using this portal, student can get enrolled, admin can add students and faculties details. Students can search for their faculties.

Student Management System

server connection sucessful  
database connection sucessful  
select command success

Facultti ID	Faculty Name	Subject	Mobile
100	ravindra	computers	9898989898
102	mounika	maths	6567676765
103	sindhu	english	8585858585
104	srinivasarao	telugu	787878785

server connection sucessful  
database connection sucessful  
select command success

Student Id	Student Name	Class Name	Mobile Number
1	manasa	class1	8767876787
2	ramya	class1	9878987898
3	kiran	class2	9876567656

At the bottom of the browser window, there are standard operating system taskbar icons and a status bar showing "1:30 AM" and "3/1/2019".

[Type text]

2) Students page:

The screenshot shows a web application titled "User Control Panel". At the top, there is a navigation bar with links for "Home", "Student Page", "Faculty Page", and "Admin Login". Below the navigation bar, a message box displays three successful database connection messages: "server connection successful", "database connection successful", and "select command success". The main content area features a table titled "Display Faculties" with the following data:

Class Name	Faculty Name	Subject	Mobile	Hour
class1	mounika	maths	6567676765	1
class1	mounika	maths	6567676765	1
class1	ravindra	computers	9898989898	2
class1	ravindra	computers	9898989898	2
class2	sindhu	english	8585858585	1
class2	sindhu	english	8585858585	1
class2	srinivasarao	telugu	7878787585	2
class2	srinivasarao	telugu	7878787585	2
class1	ravindra	computers	9898989898	1
class1	ravindra	computers	9898989898	1
class1	mounika	maths	6567676765	2
class1	mounika	maths	6567676765	2
class2	srinivasarao	telugu	7878787585	1
class2	srinivasarao	telugu	7878787585	1
class2	sindhu	english	8585858585	2
class2	sindhu	english	8585858585	2

[Type text]

[type text]

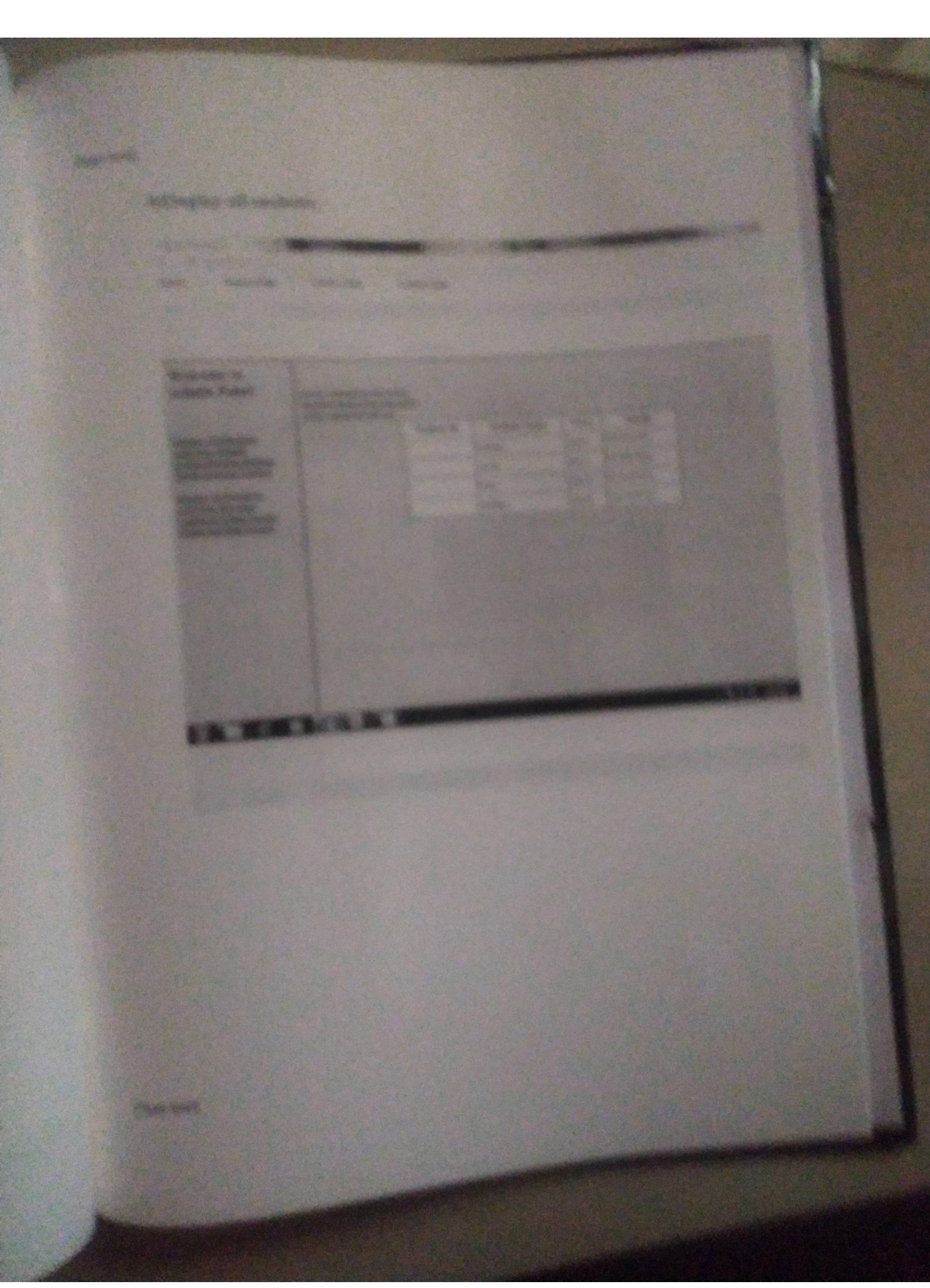
### 3) Searching faculty details:

The screenshot shows a web-based application titled "Welcome to Faculties Control Panel". At the top, there is a navigation bar with links for "Home", "Student Page", "Faculty Page", and "Admin Page". Below the navigation bar, there is a search bar labeled "Search for periods". The main content area displays a table titled "Search for Hours For Faculties". The table has four columns: "Faculty Name", "Subject Name", "Hour", and "Week Day". The data in the table is as follows:

Faculty Name	Subject Name	Hour	Week Day
ravendra	computers	2	monday
ravendra	computers	2	monday
ravendra	computers	2	monday
ravendra	computers	2	monday
ravendra	computers	1	tuesday
ravendra	computers	1	tuesday
ravendra	computers	1	tuesday
ravendra	computers	1	tuesday

At the bottom of the screen, there is a toolbar with various icons and a status bar indicating the time as 12:44 and the date as 31/03/2013.

[type text]



[Type text]

#### 4)Display all students:

The screenshot shows a web application running on a local host. The URL in the address bar is `localhost/project3`. The page title is "Welcome to Admin Panel". On the left sidebar, there are links for "Display All Students", "Add New Student", "Update Existing Student", "Delete Existing Student", "Display All Faculties", "Add New Faculties", "Update Existing Faculty", and "Delete Existing Faculty". The main content area displays a message: "server connection succesful", "database connection succesful", and "select command success". Below this message is a table showing student data:

Student ID	Student Name	Class	Mobile
1	manasa	class1	8767876787
2	ramya	class1	9878987898
3	kiran	class2	9876567656
4	sandhya	class2	6567678787

The status bar at the bottom right indicates the time as "1:32 AM" and the date as "3/1/2019".

[Type text]

[Type text]

### 5)Add new student:

The screenshot shows a web browser window with the URL `localhost/project13/`. The page title is "Add New Student". The left sidebar is titled "Welcome to Admin Panel" and contains links for managing students and faculties. The main content area is titled "Add New Student Details" and instructs the user to "Fill the following details." It features a form with three input fields: "Student Name", "Class", and "Mobile". Below the form is a note: "Give Classname as small letters(Ex: class1, class2, etc)". At the bottom right of the form are "Add Student" and "Reset" buttons.

localhost/project13/

Welcome to Admin Panel

Add New Student

Add New Student Details

Fill the following details.

Student Name	<input type="text"/>
Class	<input type="text"/>
Mobile	<input type="text"/>
<input type="button" value="Add Student"/> <input type="button" value="Reset"/>	

Give Classname as small letters(Ex: class1, class2, etc)

132 AM  
3/1/2019

[Type text]

[Type text]

## 6)Update existing student:

The screenshot shows a web browser window with the URL `localhost/project12`. The page title is "Update Existing Student Page". At the top, there is a navigation bar with links: Home, Student Page, Faculty Page, and Admin Login. On the left side, there is a sidebar titled "Welcome to Admin Panel" containing links for Display All Students, Add New Student, Update Existing Student, Delete Existing Student, Display All Faculties, Add New Faculties, Update Existing Faculty, and Delete Existing Faculty. The main content area displays a message: "server connection successful", "database connection successful", and "select command success". Below this, there is a table titled "Existing Students" with four rows of data. At the bottom, there is a form with fields for "Student Id", "Student Name", "Class", and "Mobile", along with "Update Student" and "Reset" buttons.

Welcome to Admin Panel

Display All Students  
Add New Student  
Update Existing Student  
Delete Existing Student

Display All Faculties  
Add New Faculties  
Update Existing Faculty  
Delete Existing Faculty

Update Existing Student Page

server connection successful  
database connection successful  
select command success

Student ID	Student Name	Class	Mobile
1	manasa	class1	8767876787
2	ramya	class1	9878987698
3	kiran	class2	9876567656
4	sandhya	class2	6567678787

Fill the following details.

Student Id	
Student Name	
Class	
Mobile	

Update Student Reset

[Type text]

[Type text]

### 7)Delete existing student:

The screenshot shows a web browser window with the URL `localhost/project13`. The page is titled "Delete Existing Student Page". On the left, there is a sidebar titled "Welcome to Admin Panel" with links for "Display All Students", "Add New Student", "Update Existing Student", "Delete Existing Student", "Display All Faculties", "Add New Faculties", "Update Existing Faculty", and "Delete Existing Faculty". The main content area displays a message: "server connection sucessful", "database connection sucessful", and "select command success". Below this is a table with four rows of student data:

Student ID	Student Name	Class	Mobible
1	manasa	class1	8767876787
2	ramya	class1	9878987898
3	kiran	class2	9876567656
4	sandhya	class2	6567678787

Below the table, there is a form with fields for "Student Id" and "Student Name", and buttons for "Delete Student" and "Reset". The status bar at the bottom right of the browser shows the time as 1:32 AM and the date as 3/1/2019.

### 3) Display all faculty details:

[Type text]

[Type text]

localhost Project13

Home | Student Page | Faculty Page | Admin Login

### Welcome to Admin Panel

Display All Students  
Add New Student  
Update Existing Student  
Delete Existing Student

Display All Faculties  
Add New Faculties  
Update Existing Faculty  
Delete Existing Faculty

server connection successful  
database connection successful  
select command success

faculty ID	faculty Name	subject	Mobile
100	ravindra	computers	9898989898
102	mounika	maths	6567676765
103	sindhu	english	8585858585
104	srinivasarao	telugu	7878787585



1:33 AM  
3/1/2019

[Type text]  
8) Add new faculty:

The screenshot shows a web browser window with the URL `localhost:project13`. The page title is "Add New faculty". The left sidebar, titled "Welcome to Admin Panel", contains links for managing students and faculties. The main content area displays a form for adding a new faculty member.

**Welcome to Admin Panel**

- [Display All Students](#)
- [Add New Student](#)
- [Update Existing Student](#)
- [Delete Existing Student](#)
- [Display All Faculties](#)
- [Add New Faculty](#)
- [Update Existing Faculty](#)
- [Delete Existing Faculty](#)

**Add New faculty**

**Add New faculty Details**

Fill the following details.

faculty Name	<input type="text"/>
subject	<input type="text"/>
Mobile	<input type="text"/>
	<input type="button" value="Add faculty"/> <input type="button" value="Reset"/>

Give subjectname as small letters(Ex: subject1, subject2, etc)

123 AM  
3/1/2019

[Type text]

## 9)Update existing faculty:

The screenshot shows a web browser window with the URL `localhost/project3/`. The page title is "Update Existing faculty Page". At the top, there is a navigation bar with links: "Home", "Student Page", "Faculty Page", and "Admin Login". On the left side, there is a sidebar titled "Welcome to Admin Panel" containing links for managing students and faculty.

**Welcome to Admin Panel**

[Display All Students](#)  
[Add New Student](#)  
[Update Existing Student](#)  
[Delete Existing Student](#)

[Display All Faculties](#)  
[Add New Faculty](#)  
[Update Existing Faculty](#)  
[Delete Existing Faculty](#)

**Update Existing faculty Page**

server connection successful  
database connection successful  
select command success

**Existing faculty**

faculty ID	faculty Name	subject	Mobile
100	ravindra	computers	9898989898
102	mounika	maths	6567676765
103	sindhu	english	8585858585
104	srinivasarao	telugu	7878787585

Fill the following details.

faculty Id	
faculty Name	
subject	
Mobile	

1:33 AM 32/1/2019

[Type text]

10)Delete existing faculty:

[Type text]

localhost:project137

Home | Student Page | Faculty Page | Admin Login

### Welcome to Admin Panel

[Display All Students](#)  
[Add New Student](#)  
[Update Existing Student](#)  
[Delete Existing Student](#)

[Display All Faculties](#)  
[Add New Faculties](#)  
[Update Existing Faculty](#)  
[Delete Existing Faculty](#)

### Delete Existing faculty Page

#### Delete Existing faculty

server connection successful  
database connection successful  
select command success

faculty ID	faculty Name	subject	Mobile
100	ravindra	computers	9898989898
102	mounika	maths	6567676765
103	sindhu	english	8585858585
104	srinivasarao	telugu	7878787585

Fill the following details.

faculty Id	
faculty Name	
	<input type="button" value="Delete faculty"/> <input type="button" value="Reset"/>

1:34 AM 3/1/2019

[Type text]

[Type text]

## 9.TEST CASES

- 1) Test Case 1: Admin Login- check username and password values with the values that are already stored in the server. If these values are matched with the values stored in the server, then only the admin gets authentication.- It is success.
- 2) Test Case 2: faculty Login: check username and password values with the values that are already stored in the server. If these values are matched with the values stored in the server, then only the customer gets authentication.- It is success.
- 3) Test Case 3: search for periods: To search for periods. The students must be registered student in our school. Students can search for periods. It is success.

[Type text]

[Type text]

## **11. SCOPE OF FUTURE REFERENCE**

This project is very much used in future for school related applications. Here, we developed this application with fully secured server side scripting language PHP. All the functionalities of banking application are included in this project.

[Type text]

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