

# EduBridge



**A Project Report On**  
**SCHOOL MANAGEMENT SYSTEM**

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Under the esteemed Guidance of,

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**EduBridge**

## INTRODUCTION

The project aims to automate the process of school management system and make the process of Admin easier like to hire the student and teacher. It allows student to take admission and join to the school and can view their performances in student portal. It also allows teacher to apply the job and then manage and maintain their students in teacher portal. Finally, admin can manage both the teacher and student details in admin portal

A school management system consists of student login, teacher login and Admin login

## MODULES

1.Student Module

2.Teacher Module

3.Admin Module

I have developed this Project in Java, JSP, Servlets, Hibernate and MySQL. It's a web-based project , I also used HTML, CSS, JavaScript and Bootstrap also.

1.Student Module:

In this module, student can apply for admission by giving valid student details, and can login through student portal

Student can also edit their details

Student can just view their performance , student is not able to write any message

2.Teacher Module

In teacher module, if teacher is a new to school then he/she can apply for job by giving valid details and then login through teacher portal

Teacher can view the students performances and also he/she can give any assignments to the students

### 3.Admin Module:

In this module,Admin plays a equal role in between teacher and student. Admin wants to manage the details of student and as well as teacher. Admin can enrolls and register themselves in a admin portal.

Admin can update or delete the teacher or student profile who's performance is low.

## **SYSTEM REQUIREMENTS**

### **Software Requirements:**

- Operating System:7/8/10
- Front End Languages: HTML, CSS, JavaScript, Bootstrap
- Back End Languages: Spring boot and Hibernate
- Database: MySQL, Tomcat server
- IDE: Spring Tool Suite
- Supported Browser: Google Chrome, Microsoft Edge

### **Hardware Requirements:**

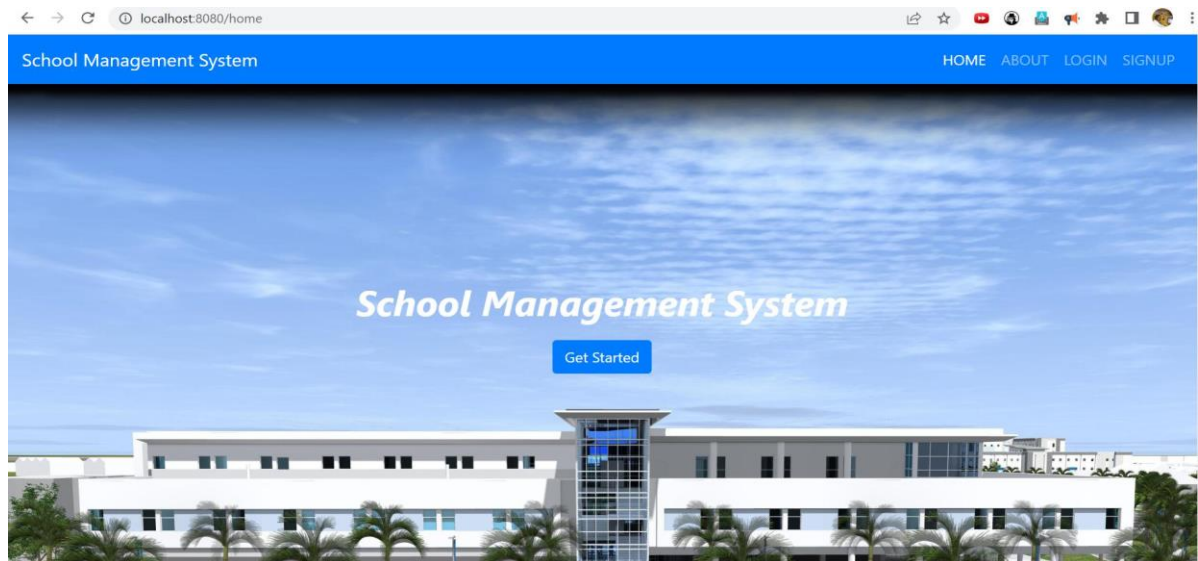
- Processor: Pentium i3 or higher
- Speed:2.9GHZ
- RAM:4GB
- Hard Disk:160GB

## DATA DICTIONARY:

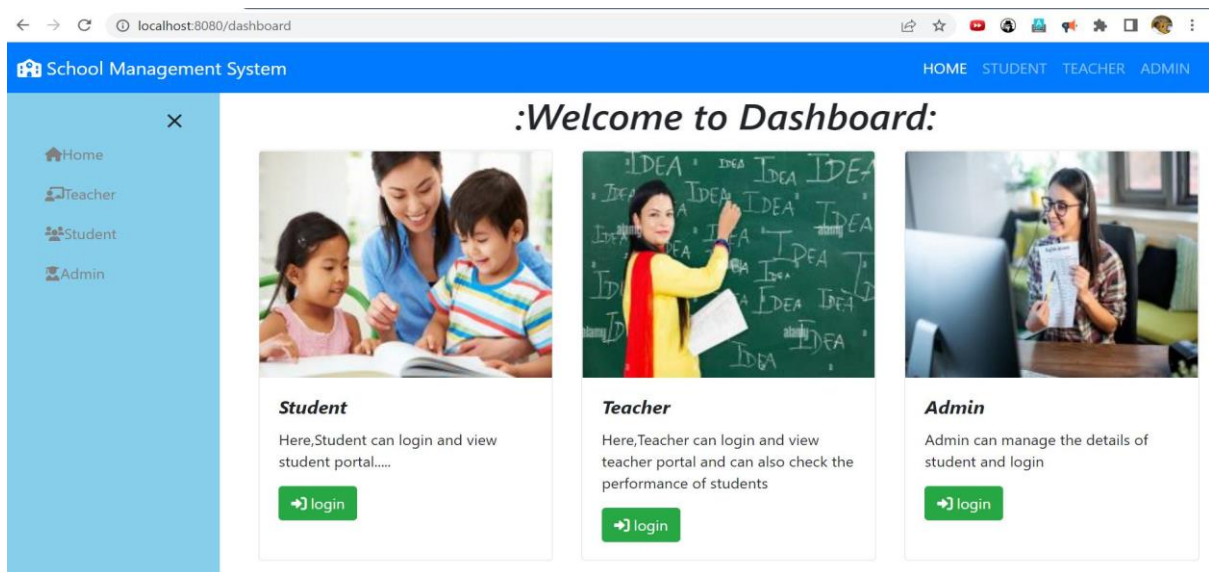
- create table student (roll\_no integer not null auto\_increment, contact\_number varchar(255), father\_name varchar(255), full\_name varchar(15), image varchar(255), mother\_name varchar(255), password varchar(255), percentage varchar(255), student\_address varchar(255), student\_email varchar(255), primary key (roll\_no)) engine=InnoDB
- create table teacher (teacher\_id integer not null auto\_increment, image varchar(255), teacher\_address varchar(15), teacher\_age varchar(255), teacher\_alternate\_contact varchar(255), teacher\_contact varchar(255), teacher\_email varchar(50) not null, teacher\_name varchar(15), teacher\_password varchar(255), teacher\_role varchar(255), student\_roll\_no integer, primary key (teacher\_id)) engine=InnoDB
- create table studentmarks (enrollment\_no integer not null auto\_increment, html integer not null, java integer not null, mathematics integer not null, python integer not null, primary key (enrollment\_no)) engine=InnoDB
- create table admin (admin\_id integer not null auto\_increment, email varchar(50) not null, name varchar(15), password varchar(255), role varchar(255), student\_roll\_no integer, teacher\_teacher\_id integer, primary key (admin\_id)) engine=InnoDB

## SCREENSHOTS:

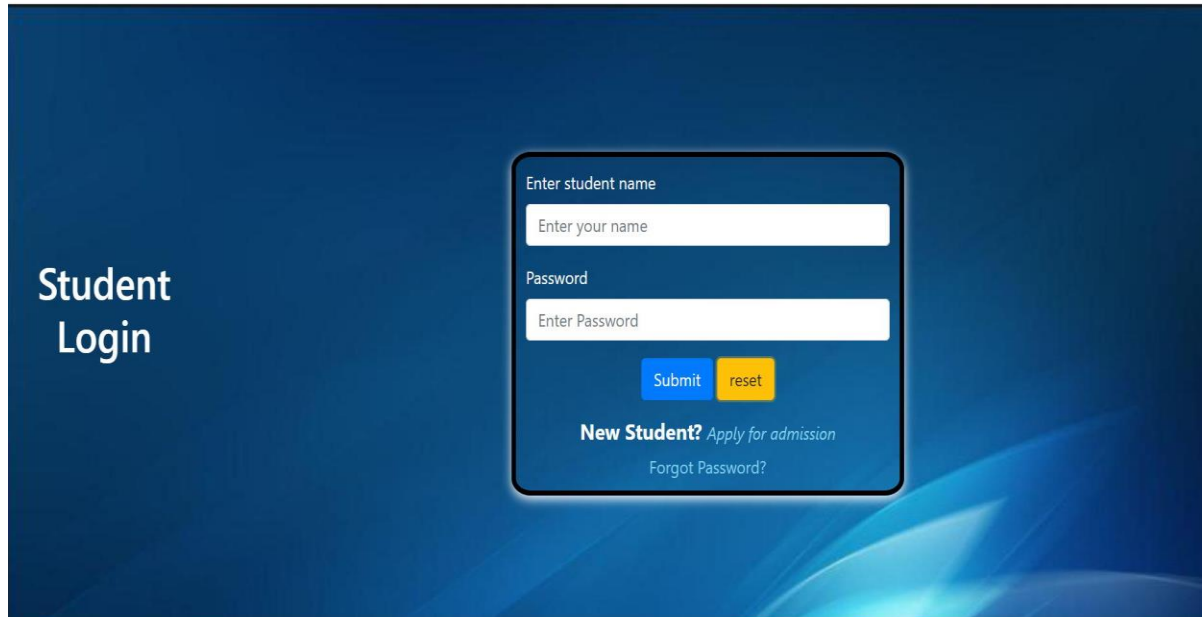
### Home Page:



### Student DashBoard:



## Student Login:



The image shows a 'Student Login' form on a dark blue background. On the left, the text 'Student Login' is displayed in white. The form itself is a white box with a black border. It contains two input fields: 'Enter student name' with a placeholder 'Enter your name' and 'Password' with a placeholder 'Enter Password'. Below these fields are two buttons: a blue 'Submit' button and a yellow 'reset' button. At the bottom of the form, there is a link 'New Student? Apply for admission' and a link 'Forgot Password?'.

Student Login

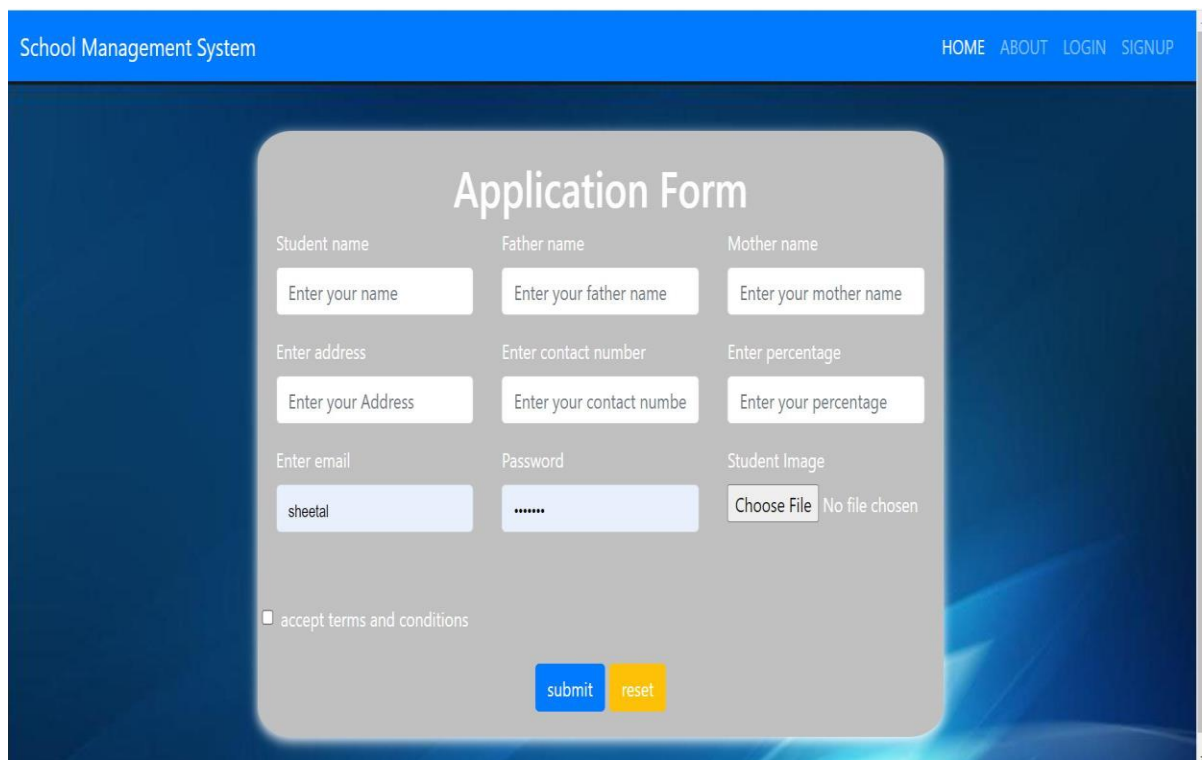
Enter student name  
Enter your name

Password  
Enter Password

Submit reset

New Student? [Apply for admission](#)  
[Forgot Password?](#)

## Student SignUp:



The image shows a 'Student Sign Up' form titled 'Application Form' on a dark blue background. The form is a white box with a black border. It contains nine input fields arranged in a 3x3 grid: 'Student name' (placeholder: 'Enter your name'), 'Father name' (placeholder: 'Enter your father name'), 'Mother name' (placeholder: 'Enter your mother name'), 'Enter address' (placeholder: 'Enter your Address'), 'Enter contact number' (placeholder: 'Enter your contact numbe'), 'Enter percentage' (placeholder: 'Enter your percentage'), 'Enter email' (placeholder: 'sheetal'), 'Password' (placeholder: '\*\*\*\*\*'), and 'Student Image' (placeholder: 'Choose File' and 'No file chosen'). Below the input fields is a checkbox labeled 'accept terms and conditions'. At the bottom of the form are two buttons: a blue 'submit' button and a yellow 'reset' button. The top of the page has a blue header with the text 'School Management System' on the left and 'HOME ABOUT LOGIN SIGNUP' on the right.

School Management System

HOME ABOUT LOGIN SIGNUP

Application Form

Student name  
Enter your name

Father name  
Enter your father name

Mother name  
Enter your mother name

Enter address  
Enter your Address

Enter contact number  
Enter your contact numbe

Enter percentage  
Enter your percentage

Enter email  
sheetal

Password  
\*\*\*\*\*

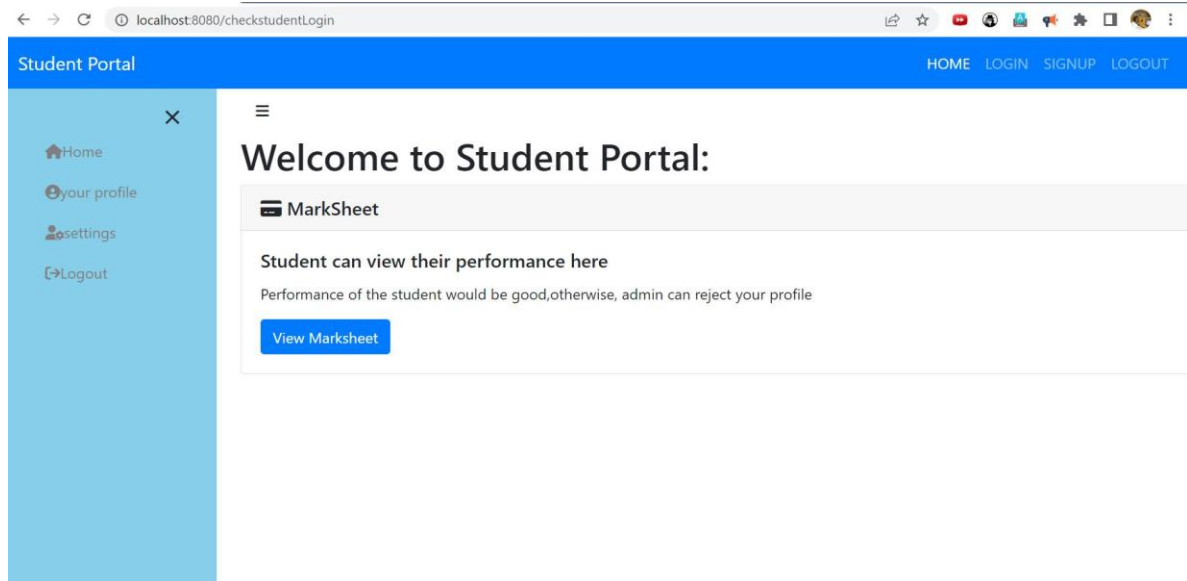
Student Image  
Choose File No file chosen

☐ accept terms and conditions

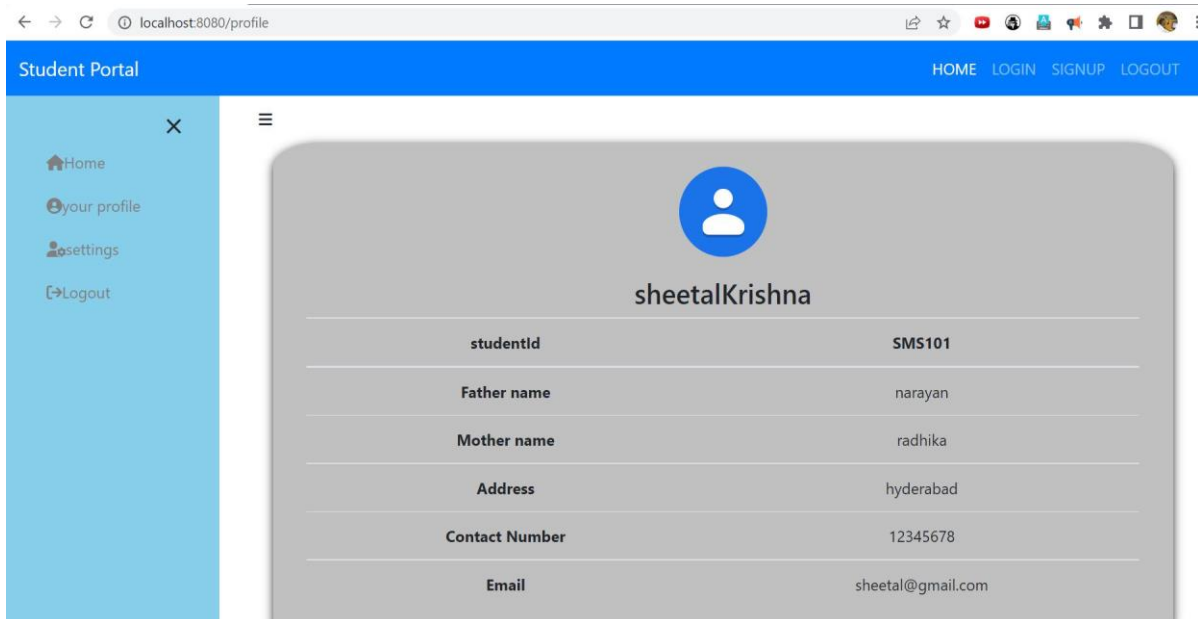
submit reset



## Student DashBoard:



## Student Profile:




## Student::MarkSheet

localhost:8080/marksheet/1

Marksheet of Student : sheetalKrishna



 CHAITANYA PUBLIC SCHOOL

Student Id	SMS101			
Student Name	sheetalKrishna			
MARKS	Mathematics::21	Html::22	Python::12	Java::20
Total Marks:	75			
Average	18.0			
Percentage	37%			
Status	Pass			

## Teacher Login

Teacher Login

Enter Email

Password

Not a Participant Yet? [Apply for job](#)

## Teacher SignUp

School Management System

HOMEABOUTLOGINSIGNUP

Application form

Teacher Name

Role

Age

Enter teacher name

Enter your role

Enter your age

address

Contact Number

Alternate Contact Number

Enter your address

Enter your contact number

Enter your alternate contact num

Email

Password

Enter your email

Password

Teacher Image

☐ Accept Terms and conditions

Choose File

No file chosen

Submit

Reset

## Teacher DashBoard

School Management System

HOMEABOUTLOGINSIGNUP

×

Home

View Students

View Profile

Settings

Logout

Welcome to Teacher Portal

View Students

## Teacher::Assign Marks

localhost:8080/result1

School Management System

HOME LOGIN SIGNUP LOGOUT

Home  
View Students  
View Profile  
Logout

### \*\*\*Assign Marks\*\*\*

Mathematics	Java
<input type="text" value="21"/>	<input type="text" value="56"/>
	Marks Should be in 50
HTML	Python
<input type="text" value="Enter marks in html"/>	<input type="text" value="Enter marks in python"/>
please provide marks!!!	please provide marks!!!
<input type="checkbox"/> Accept Terms and conditions	
<input type="button" value="Submit"/> <input type="button" value="reset"/>	


## Teacher Profile

localhost:8080/profile1

School Management System

HOME LOGIN SIGNUP LOGOUT

Home  
View Students  
View Profile  
Settings  
Logout



kritiSrinivas

teacher Id	3
teacher name	kritiSrinivas
teacher Role	Teacher
Address	india
contact Number	123456789
Email	kriti@gmail.com

## Teacher::View Students

← → ↻ localhost:8081/students

School Management System

HOME ABOUT LOGIN SIGNUP

Home

view students

view profile

settings

Logout

### view students

studentRollNo	Student fullName	Student Email	Student contactNumber	Student percentage	Student password	Student image	Action
1	Sheetal	sheetal@gmail.com	9783193284	7693291292	sheetal	go green,jfif	Assign Marks

Previous 1 2 3 Next

## Admin Login

Admin Login

Enter registered Name

Enter your registered name

Password

Enter Password

Submit reset

Not a Participant Yet? [Register Here](#)

# Admin Dashboard

Admin Portal

HOME LOGIN SIGNUP LOGOUT

Home

Students

Teachers

Profile

Logout

Exams will be held from Monday Onwards

Posted by :sheetal

Notifications

Send any Notification to Student and Teacher

Give Notification

Results

View Student results Here

View

## Admin::Student Results

Admin Portal

HOME LOGIN SIGNUP LOGOUT

Home

Students

Teachers

Profile

Settings

Logout

Student Results:

Enrollment Number	Mathematics	Html	Python	Java	Total	Average	Status
ENRID1	21	22	12	20	75	18.0	Pass
ENRID2	20	24	21	22	87	21.0	Pass
ENRID3	10	8	13	11	42	10.0	Fail-Not Eligible
ENRID4	15	13	22	21	71	17.0	Fail-Not Eligible

Download Results:

X

PDF

## Admin::Give Notifications

Student Portal

HOME LOGIN SIGNUP LOGOUT

×

Home

students

Teachers

profile

settings

Logout

### View Notifications

#	Admin Name	Admin Role	Email	Notifications	Action
5	sheetal	Admin	sheetal@gmail.com	Ongoing.....	<button>Edit</button>

## Admin Profile:

Admin Portal

HOME LOGIN SIGNUP LOGOUT

×

Home

Students

Teachers

Profile

Logout

Admin

Admin Name	sheetal
Role	Admin
Email	sheetal@gmail.com

sheetal  
Signature

Screenshot is saved!

C:\Users\neel\OneDrive\Desktop\admin viewteach.jpg

18860945 px, 106 KB

## Admin::View Students







localhost:8080/viewstudents/0

Admin Portal

HOME LOGIN SIGNUP LOGOUT

View Students

+ Add Student

studentRollNo	Student fullName	Student Email	Student contactNumber	Student image	Action
SMS101	 sheetalKrishna	sheetal@gmail.com	12345678	student.png	 delete  update
SMS102	 sravani	sravaniprasad939@gmail.com	21345678	student.png	 delete  update

1 2 3 4 Next

## Admin::Student Profile

localhost:8081/studentdetails/1

Student Portal

HOME LOGIN SIGNUP LOGOUT

Home


students

Teachers

profile

settings

Logout



Sheetal

studentId	SMS101
Father name	Putin
Mother name	Nazrin
Address	India
contact Number	9783193284
Email	sheetal@gmail.com
Percentage	7693291292



## Admin::Add Student

localhost:8081/addstudent

Student Portal

HOME LOGIN SIGNUP LOGOUT

Home students Teachers profile settings Logout

### Add Student

enter student name here

enter student father name here

enter student mother name here

enter student percentage here

enter student Address here

enter student contact number here

enter student Email here

give any password to student login

Choose File No file chosen

## Admin::View Teachers

localhost:8080/viewteachers

Admin Portal

HOME LOGIN SIGNUP LOGOUT

Home Students Teachers Profile Logout

### View Teachers

Add Teacher

TeacherId	Teacher Name	Teacher contact	Teacher Role	Teacher Image	Action
3	kritiSrinivas	123456789	Teacher	student.png	<a href="#">delete</a> <a href="#">update</a>
10	siya	132435465768	Teacher	2nd tree.with out roots.jfif	<a href="#">delete</a> <a href="#">update</a>

Screenshot is saved!  
C:/Users/ready/OneDrive/Desktop/admin viewstud.jpg  
1886x945 px, 187 KB

# Admin::Update Form

← → ↻ localhost:8081/updateform/1

Student Portal HOME LOGIN SIGNUP LOGOUT

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Home

students


Teachers

profile

settings

Logout

## Update Form

	Kriti
+	Teacher
+	bangalore
+	23
+	1234567
+	1324567
+	kriti@gmail.com
+	.....

## Data Base:

### Student Table:

```
mysql> select * from student;
```

roll_no	contact_number	father_name	full_name	image	mother_name	password	percentage	student_address	student_email
1	9783193284	Putin	Sheetal	2nd tree.with out roots.jfif	Nazrin	sheetal	7693291292	India	sheetal@gmail.com

1 row in set (0.06 sec)

```
mysql>
```

### Teacher Table:

```
mysql> select * from teacher;
```

teacher_id	image	teacher_address	teacher_age	teacher_alternate_contact	teacher_contact	teacher_email	teacher_name	teacher_password	teacher_role	student_roll_no
1	crying tree.jfif	bangalore	23	1324567	1234567	kriti@gmail.com	Kriti	kriti	Teacher	
	NULL									

1 row in set (0.07 sec)

```
mysql>
```

### Admin Table:

```
mysql> select * from admin;
```

admin_id	email	name	password	role	student_roll_no	teacher_teacher_id
1	sheetal@gmail.com	sheetal	sheetal	Admin	NULL	NULL

1 row in set (0.00 sec)

```
mysql>
```

## StudentMarks Table:

```
mysql> select * from studentmarks;
```

enrollment_no	html	java	mathematics	python	student_roll_no
1	13	20	12	15	1
4	20	22	21	19	3
5	30	21	22	43	3
6	21	12	22	11	1

```
4 rows in set (0.20 sec)
```

**THANK YOU**