EduBridge

A Project Report On

SCHOOL MANAGEMENT SYSTEM

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Batch:

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Center:

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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
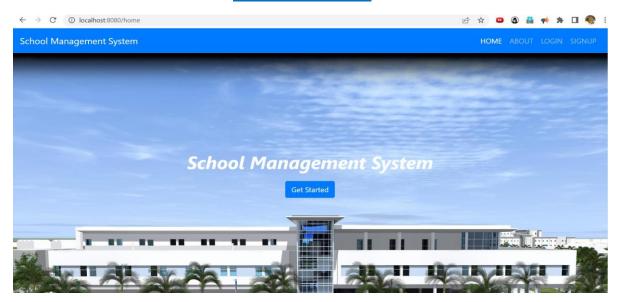
Hardware Requirements:

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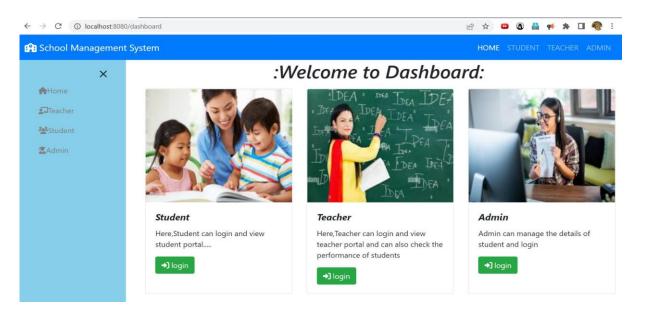- Speed:2.9GHZ
- RAM:4GB
- Hard Disk:160GB

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:

Student SignUp:

Student DashBoard:

Student Profile:

Student::MarkSheet

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

Enter your registered Email

Password

Enter Password

Submit   reset

Not a Participant Yet? *Apply for job*

Teacher SignUp

School Management System   HOME   ABOUT   LOGIN   SIGNUP

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   HOME   ABOUT   LOGIN   SIGNUP

×

🏠Home

✏️View Students

👤View Profile

⚙️Settings

➡️Logout

Welcome to Teacher Portal

View Students

Teacher::Assign Marks

Teacher Profile

Teacher::View Students

Admin Login

Admin DashBoard

Admin::Student Results

Admin Portal

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:

Admin::Give Notifications

Admin Profile:

Admin::View Students

Admin::Student Profile

Admin::Add Student

Admin::View Teachers

Admin::Update Form

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>
```
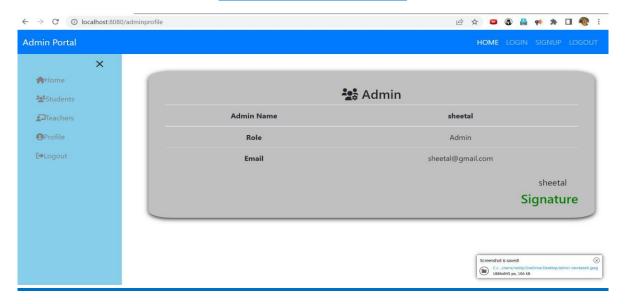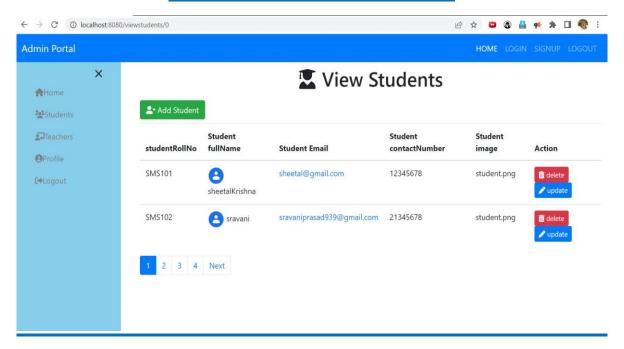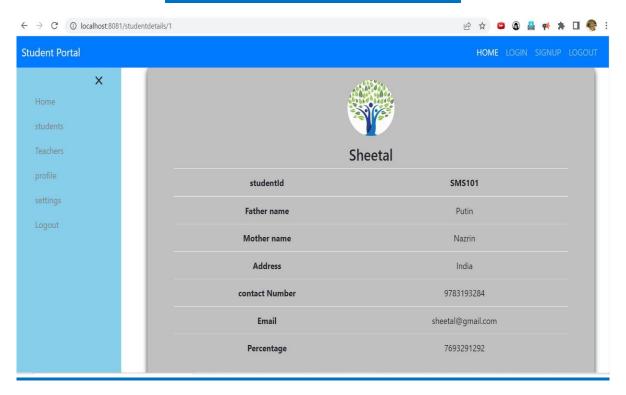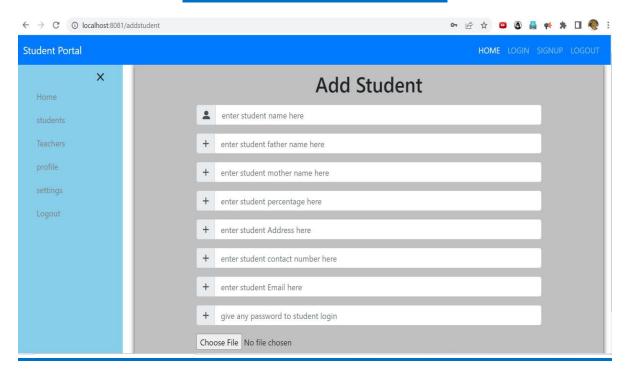
Teacher Table:

```
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