

Project Report

on

School Management System

Submitted to

LOVELY PROFESSIONAL UNIVERSITY

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Bachelor of Computer Science and Engineering

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CHAPTER 1

INTRODUCTION

1.1 School management system

School management system project is a project in which one can manage all the activities of a school. This project is useful for administration of a school college where user can manage school activities like manage students, manage teacher, manage result, manage fee etc.

1.2 Objective of School management system

Some main points of my objectives of this management system.

Computerization All the details regarding school, whether it is small or big, will be computerized.

No Redundant Data As this management system will be centralized, the chances of the duplicate data in the system are close to nil.

Automation The automation feature of this management system will mitigate the task of writing the papers. Ex- there is no need to write the report card of the students on the paper by the pen. It simply can be done online on the system and can be forwarded to the students and their parents.

Easy Interaction In today's rush hour of the life, it is difficult for a parent to go to the school of his / her child every time a teacher call.

By this management system, it will easier for a parent and a teacher to be in touch every day.

As a matter of fact, it will be easier for each individual person who is associated with the system to be in touch as per needed.

1.3 Key Features of School management system

- Multi-User Account System
- Responsive User Interface
- Student Fee Management
- Profile System
- Exam Marks Management
- Analysis of Exams
- Teacher Management
- Student Management
- Daily Attendance
- New Registration

CHAPTER 2

TECHNOLOGY USED

2.1 Language Used

The **frontend** of the project is made by using HTML, CSS and Bootstrap.
For the **backend** we have used PHP, JavaScript and MYSQL.

2.2 Software Used

I have used following basics software for the project

1. Visual Code Studio
2. Web browser (Google Chrome)
3. XAMPP local server

CHAPTER 3

MODULES

3.1 About the Project

In my School Management System project, I have implemented almost all the basic functionality of a school.

I have implemented following modules which are listed below

3.2 Home Page

The home page consists of four buttons namely Home, Contact Us, Locate Us and Sign Up at the top right of the home page. These all buttons are functional. I have included Login form on the home page using which user can access my project.

3.2.1 Login

Users have to login to get access to the dashboard to manage all the activities of school/college. User can login to this project by creating their account and logging into it.

3.2.2 Sign Up

User needs to create their respective accounts to be able to get access for logging in.

3.3 Dashboard

When User successfully logged in to the project, he will be redirected to dashboard page. I have divided dashboard page into some sections like-

3.3.1 Sub-Dashboard

[1] Student record

This section shows the brief detail of all the students in the school like total number of the students, total active students and total in-active students. User can also see the complete list of all the student in school.

[2] Teacher record

This section shows the brief detail of all the teachers in the school like total number of the teachers, total active teachers, total in-active teachers. User can also see the complete list of the teacher in school/college.

[3] News section

This section shows some latest news. Here user can show some important news related to school.

[4] Some important links section

In this section admin can show some important links that are related to school or students at the school.

3.3.2 Buttons on the Dashboard

[1] Home-

This section will redirect to the dashboard.

[2] Manage students

As the name of the module this module manage student s activities where user can manage all the activities like

- a. Add a student
- b. Edit a student
- c. Search a student
- d. Delete a student
- e. Print all students list

[3] Manage teacher

As the name of the module this module manage teacher s activities where admin can manage all the activities like

- a. Add a teacher

- b. Edit a teacher
- c. Search a teacher
- d. Delete a teacher
- e. Print all teachers list

[4] Manage Result

This module implements result related activities like

- a. Add result
- b. Search result
- c. Edit result
- d. Delete result
- e. Print all student s result

[5] Manage certificate

Manage certificate module is used to generate certificate of a student who leave the school. Admin can generate a certificate for a student and provide that certificate to the student. The certificate is auto generated.

[6] Manage fee -

This module is used to implement fee related activities like

- a. Pay fee/Update fee status
- b. Print the list of the student who have paid the fee.
- c. Print the list of the student who have not paid the fee.

3.4 Database

To store the data of the project we have create following tables in RDBMS

Students table This table store all the details of a student.

Students table column id, roll_no, fname, lname, mother_name, father_name, dob, gender, category, mobile, class, address, status, fee_status

Teachers table This table store all the details of a teacher.

Teachers table column id, fname, lname, dob, gender, email, mobile, subject, status, address

Admin table This table store the admin details.

Admin table column id, name, email, password

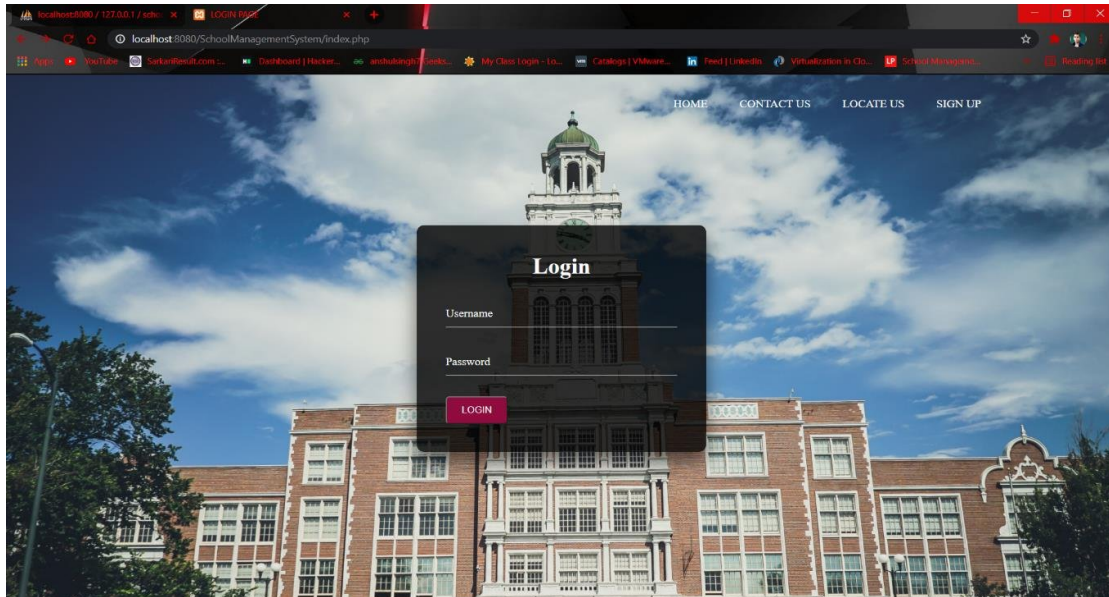
Result table This table store marks of all the students, used to generate result.

Register table- This table stores new admission of students.

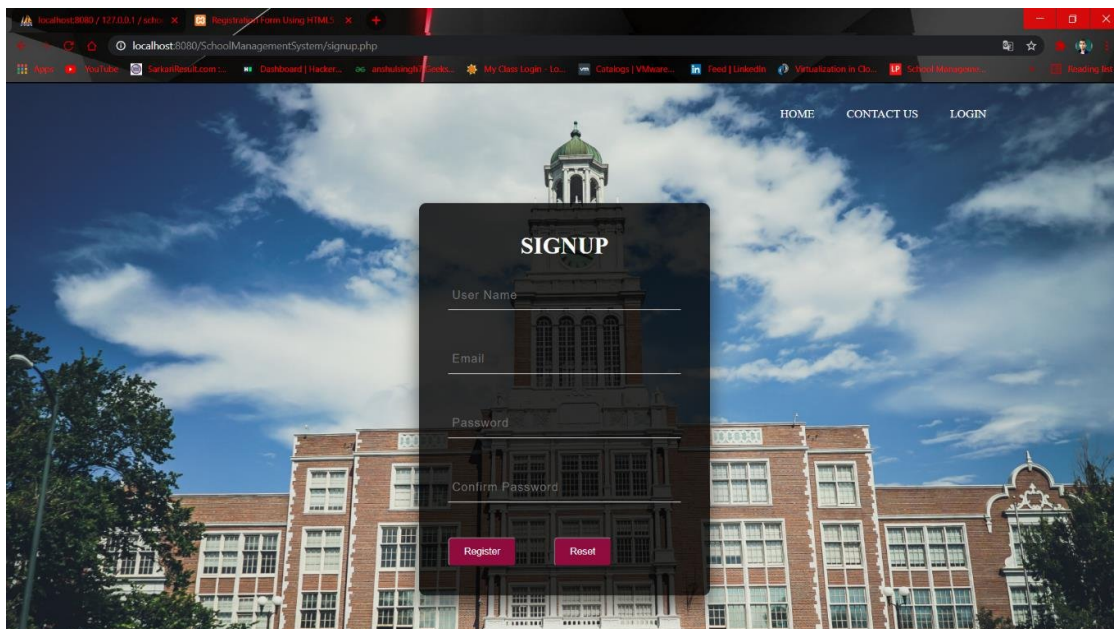
CHAPTER 4

SCREENSHOTS

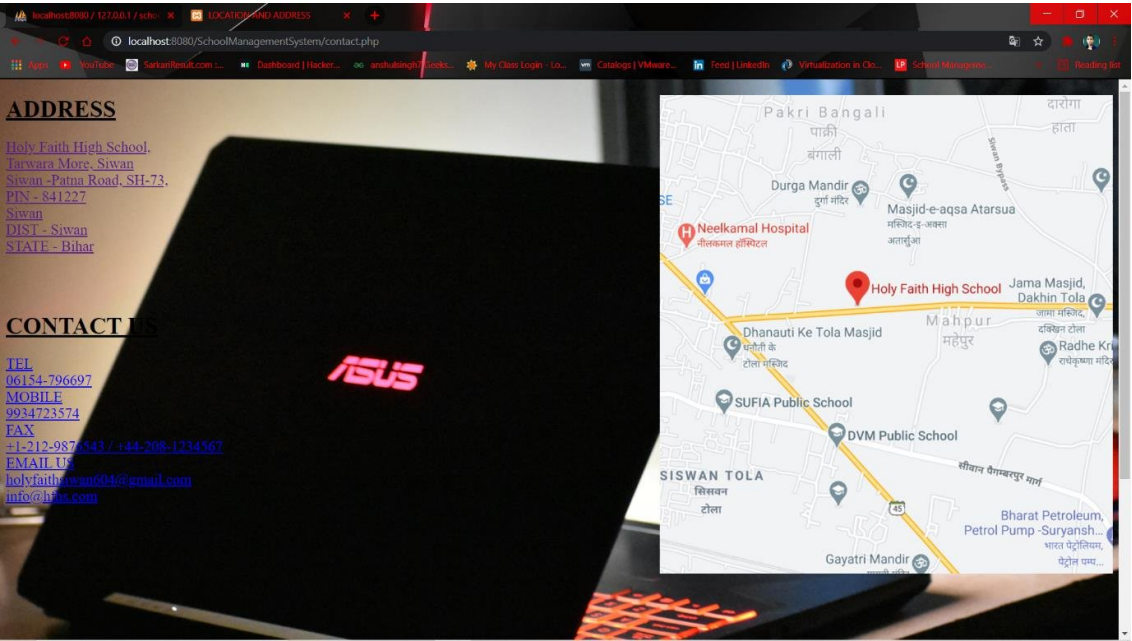
[4.1] Home Page/ Login Page



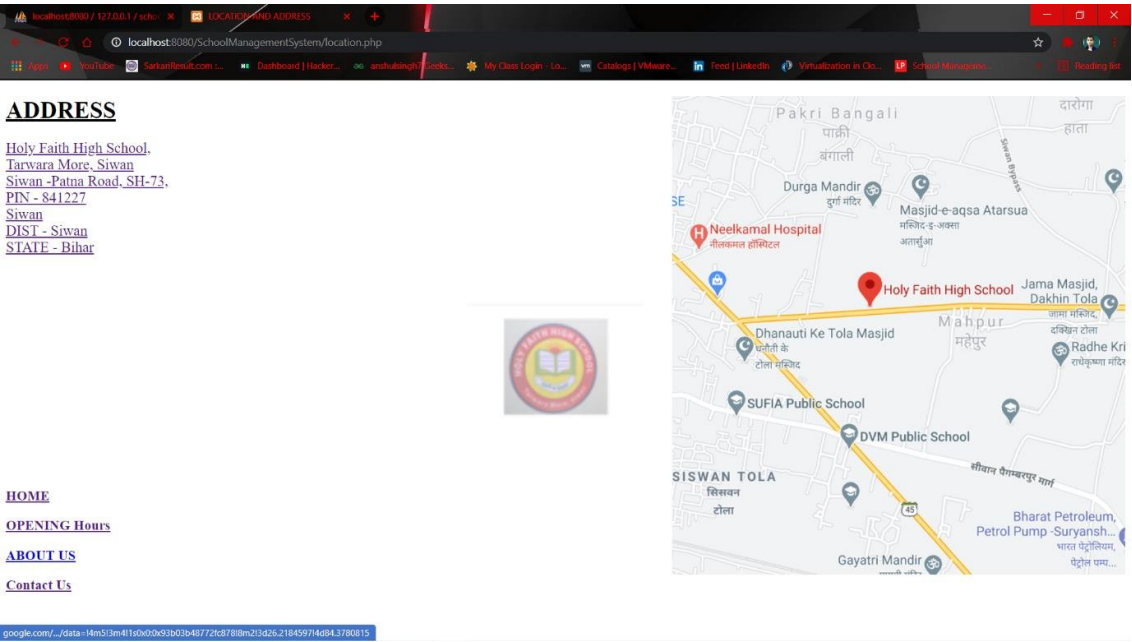
[4.2] Signup



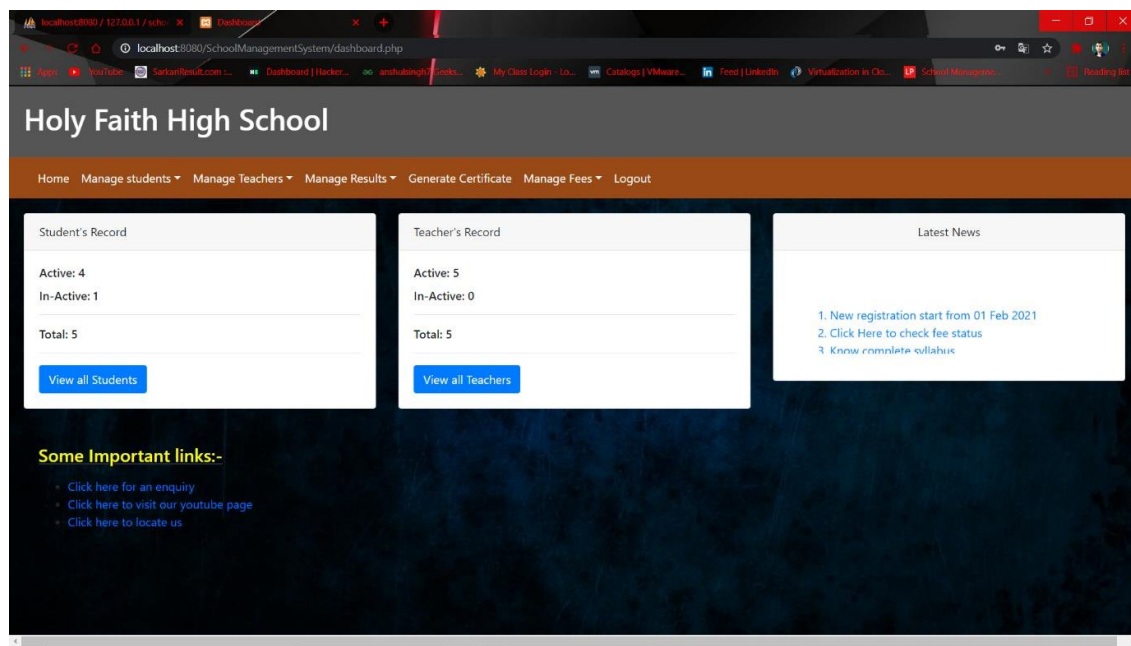
[4.3] Contact Us



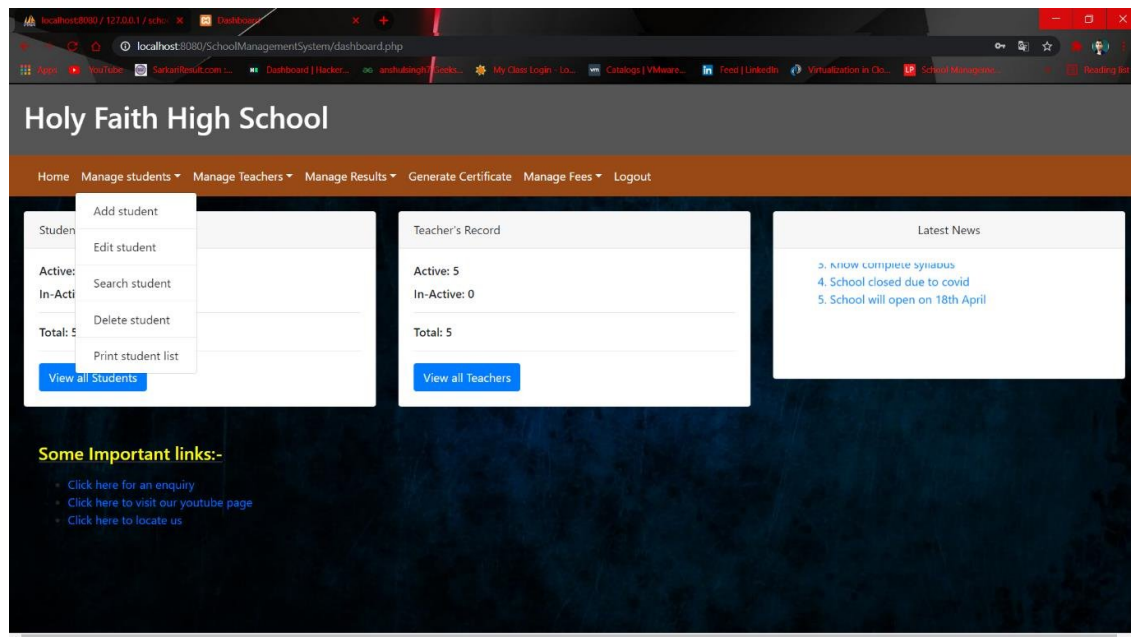
[4.4] Locate Us



[4.5] Dashboard



[4.6] Manage Students



[4.7] Add Students

The screenshot shows a web browser window with the URL `localhost:8080/SchoolManagementSystem/student_register.php`. The page title is "Holy Faith High School". The navigation bar includes links: Home, Manage students, Manage Teachers, Manage Results, Generate Certificate, Manage Fees, and Logout. The main heading is "Student Registration Form". A red message states: "Attention:- * Mark input filed are mandatory." The form fields are as follows:

- Fee Status:-(*) - Select-
- First Name:-(*) - Enter Name
- Last Name:-(*) - Enter Last Name
- Mother Name:-(*) - Enter Mother Name
- Father Name:-(*) - Enter Father
- Date of Birth:-(*) - dd-mm-yyyy
- Gender:-(*) - Select-
- Category:-(*) - Select-
- Mobile:-(*) - Mobile No
- Class:-(*) - Select-
- Status:-(*) - Select-
- Address:-(*) - Enter Address Here...
- Roll No:-(*) - Assign Roll No.

Buttons: Register (blue), Reset (red).

[4.8] Edit Students

The screenshot shows a web browser window with the URL `localhost:8080/SchoolManagementSystem/editStudent.php`. The page title is "Holy Faith High School". The navigation bar includes links: Home, Manage students, Manage Teachers, Manage Results, Generate Certificate, Manage Fees, and Logout. The main heading is "Edit Student". A red message states: "Attention:- * Mark input filed are mandatory." The form fields are as follows:

- Roll No:-(*) - Enter Roll No... Search
- Name: Enter Name... Search
- Roll No:-(*) -
 >Warning
- First Name:-(*)
- Last Name:-(*)
- Mather Name:-(*)
- Father Name:-(*)
- Date of Birth:-(*) - dd-mm-yyyy
- Gender:-(*)
- Category:-(*)
- Mobile:-(*)
- Class:-(*)
- Status:-(*)
- Address:-(*)

Buttons: Update (blue).

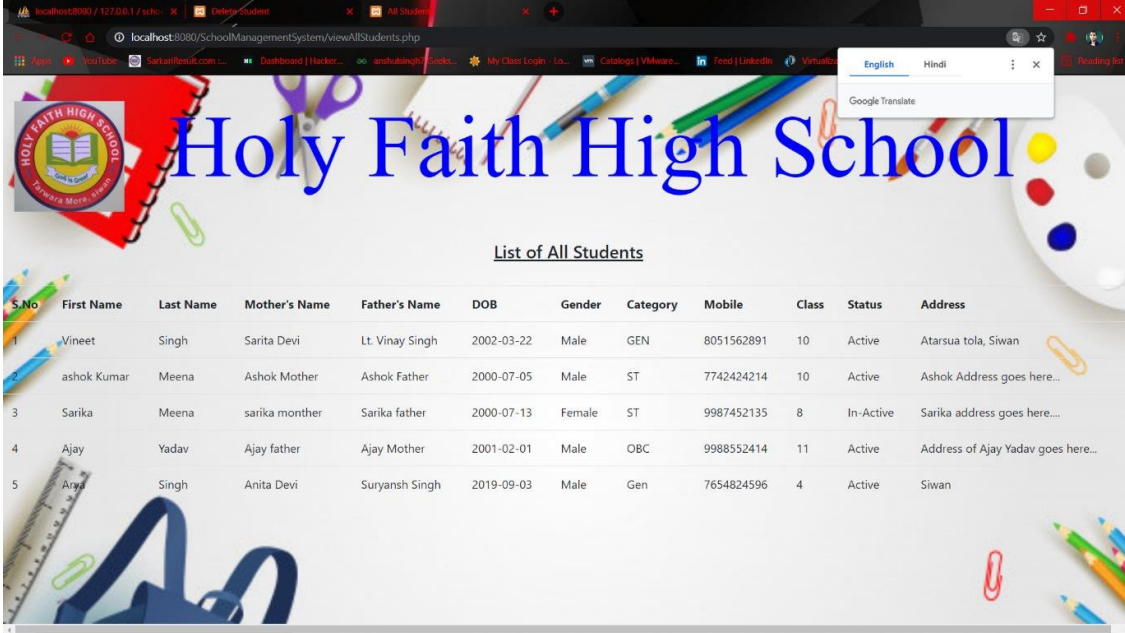
[4.9] Search Students

The screenshot shows a web browser window with the URL `localhost:8080/SchoolManagementSystem/searchStudent.php`. The page header for "Holy Faith High School" includes a navigation bar with links: Home, Manage students, Manage Teachers, Manage Results, Generate Certificate, Manage Fees, and Logout. Below the header, there are two search boxes: "Roll No: Enter Roll No..." and "Name: Enter Name...", each with a "Search" button. The main section is titled "Search Student" and contains a form with the following fields: Roll No: (with a warning message), First Name, Last Name, Mather Name, Father Name, Date of Birth (dd-mm-yyyy), Gender (dropdown), Category (dropdown), Mobile, Class (dropdown), Status (dropdown), and Address. A red warning message states: "Attention: * Mark input filed are mandatory."

[4.10] Delete Students

The screenshot shows a web browser window with the URL `localhost:8080/SchoolManagementSystem/deleteStudent.php`. The page header for "Holy Faith High School" includes a navigation bar with links: Home, Manage students, Manage Teachers, Manage Results, Generate Certificate, Manage Fees, and Logout. Below the header, there are two search boxes: "Roll No: Enter Roll No..." and "Name: Enter Name...", each with a "Search" button. The main section is titled "Delete Student" and contains a form with the following fields: Roll No: (with a warning message), First Name, Last Name, Mather Name, Father Name, Date of Birth (dd-mm-yyyy), Gender (dropdown), Category (dropdown), Mobile, Class (dropdown), Status (dropdown), and Address. A red warning message states: "Attention: * Mark input filed are mandatory." A blue "Delete" button is located at the bottom right of the form.

[4.11] List of All Students

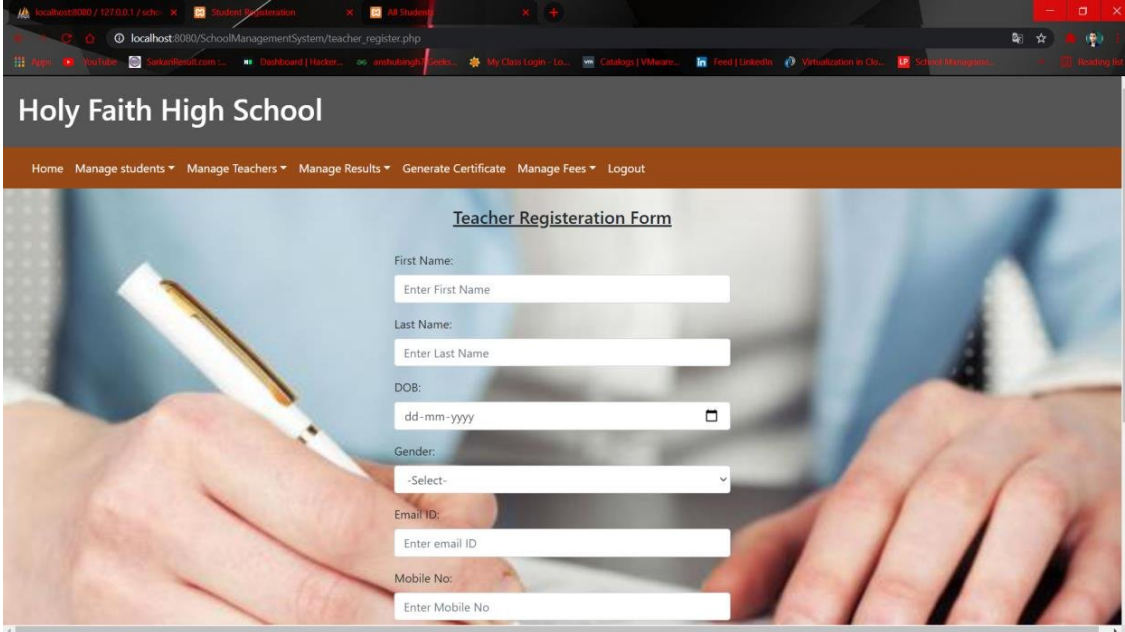


Holy Faith High School

List of All Students

S.No	First Name	Last Name	Mother's Name	Father's Name	DOB	Gender	Category	Mobile	Class	Status	Address
1	Vineet	Singh	Sarita Devi	Lt. Vinay Singh	2002-03-22	Male	GEN	8051562891	10	Active	Atarsua tola, Siwan
2	ashok Kumar	Meena	Ashok Mother	Ashok Father	2000-07-05	Male	ST	7742424214	10	Active	Ashok Address goes here...
3	Sarika	Meena	sarika monther	Sarika father	2000-07-13	Female	ST	9987452135	8	In-Active	Sarika address goes here...
4	Ajay	Yadav	Ajay father	Ajay Mother	2001-02-01	Male	OBC	9988552414	11	Active	Address of Ajay Yadav goes here...
5	Arpa	Singh	Anita Devi	Suryansh Singh	2019-09-03	Male	Gen	7654824596	4	Active	Siwan

[4.12] Teacher s Registration



Holy Faith High School

Home Manage students Manage Teachers Manage Results Generate Certificate Manage Fees Logout

Teacher Registration Form

First Name:

Last Name:

DOB:

Gender:

Email ID:

Mobile No:

[4.13] Edit Teacher

localhost8080 / 127.0.0.1 / school Edit Teacher

localhost8080/SchoolManagementSystem/editTeacher.php

Home Manage students Manage Teachers Manage Results Generate Certificate Manage Fees Logout

Teacher ID: Search Name: Search

Edit Teacher

Teacher ID:

First Name:

Last Name:

DOB:

Gender:

[4.14] Delete Teacher

localhost8080 / 127.0.0.1 / school Delete Teacher

localhost8080/SchoolManagementSystem/deleteTeacher.php

Home Manage students Manage Teachers Manage Results Generate Certificate Manage Fees Logout

Teacher ID: Search Name: Search

Delete Teacher

Teacher ID:

First Name:


Last Name:

DOB:

Gender:

Email ID:

[4.15] List of all Teacher

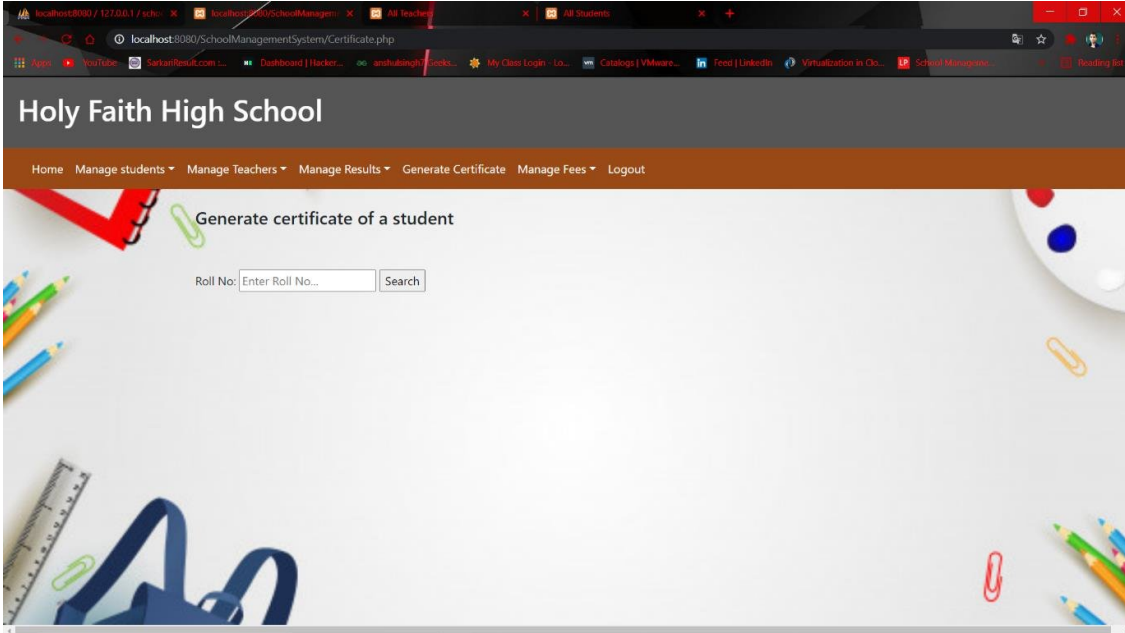


Holy Faith High School

List of All Teachers

S.No	First Name	Last Name	DOB	Gender	Email	Mobile	Subject	Status	Address
1	Ashok	Sharma	1970-03-09	Male	ashok@gmail.com	9988776655	Hindi	Active	Address of Ashok sir goes here...
2	Maresh	Sharma	1980-08-10	Male	maresh@gmail.com	9999999998	English	Active	Address of Maresh Sir goes here...
3	Anshul	Singh	1999-03-09	Male	anshulsingh604@gmail.com	8210063770	Science	Active	vill-Atarsua~post-Goushalla Road,Siwan
4	Anshul	Singh	2021-04-06	Male	anshulsingh604@gmail.com	8210063770	Science	Active	vill-Atarsua~post-Goushalla Road,Siwan
5	Saumya	Kumari	2006-02-20	Female	saumyasingh604@gmail.com	8210063770	Maths	Active	vill-Atarsua~post-Goushalla Road,Siwan

[4.16] Certificate



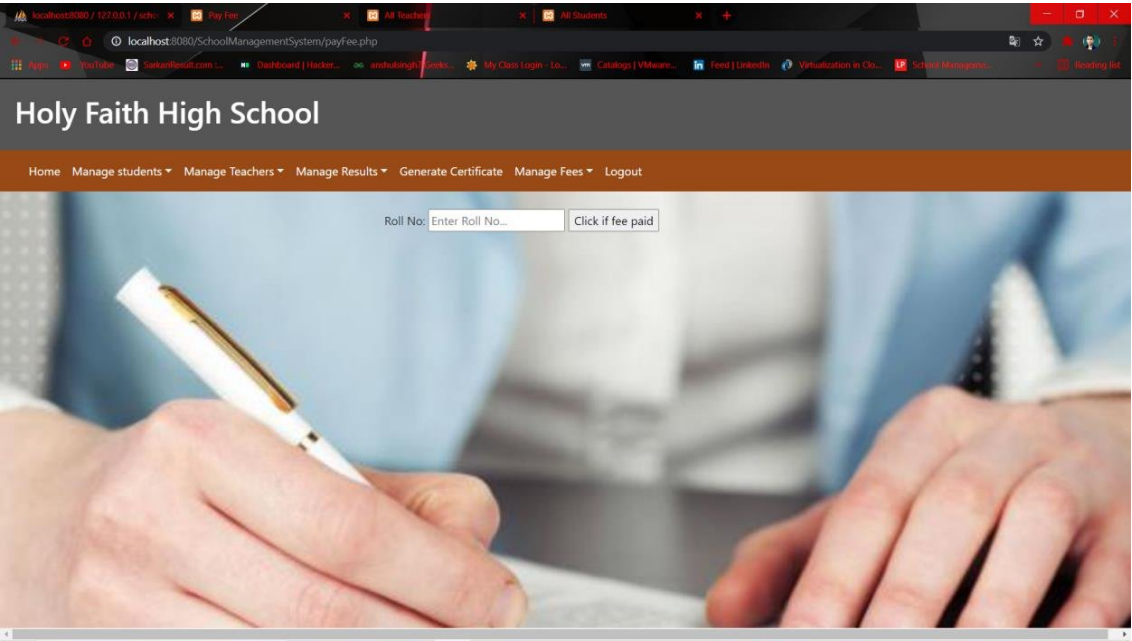
Holy Faith High School

Home Manage students Manage Teachers Manage Results Generate Certificate Manage Fees Logout

Generate certificate of a student

Roll No:

[4.17] Manage Fee



[4.18] List Of Students who have paid the fee



[4.19] List Of Students who have paid the fee



Holy Faith High School

List of All Students who have not paid Fee

S.No	First Name	Last Name	Mother's Name	Father's Name	Mobile	Class	Status	Address
1	Vineet	Singh	Sarita Devi	Lt. Vinay Singh	8051562891	10	Active	Atarsua tola, Siwan
	ashok Kumar	Meena	Ashok Mother	Ashok Father	7742424214	10	Active	Ashok Address goes here...
3	Ajay	Yadav	Ajay father	Ajay Mother	9988552414	11	Active	Address of Ajay Yadav goes here...

CHAPTER 5

GitHub link and Video Presentation Link

[5.1] GitHub Link

https://github.com/anshul-singh604/School_Management_System_PHP

[5.2] Video Presentation Link

<https://www.youtube.com/watch?v=1HRqJKzbl9k>