

Project report

On

Student Management System

Created By

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BSC-IT-5

Under the Guidance of

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GEETANAJALI COLLEGE OF COMPUTER SCIENCE & COMMERCE



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Acknowledgement

The project on **STUDENT MANAGEMENT SYSTEM** is developed in **PHP MYSQL** Language at GEETANJALI COLLEGE OF COMPUTER SCIENCE & COMMERCE.

I would like to acknowledge that my project has been completed and I am ensuring that, in this accomplishment, I would like to express my special gratitude to all my teachers and specially to **PROF. KISHORSINH VALA** without their guidance and feedback it is not possible to complete this assignment.

INDEX

PARTICULARS	PAGE NO
Introduction	
• Abstract	1
• Purpose	1
Project Profile	2
SDLC Process Model	3
Software Resources	5
List of Modules	6
Data Dictionary	7
DFD	
• Context Diagram	15
• Level 1 Diagram	16
E-R Diagram	17
Use Case Diagram	18
Testing – Test Cases	19
Snapshots	26
Limitations	44
Future Enhancement	44
Conclusion	45

INTRODUCTION

Abstract:

The **Student Management System** is a web-based application developed using **PHP and MySQL** that helps efficiently manage student data. It allows administrators to add, update, delete, and view student details easily. The system streamlines tasks like attendance, grades, and course information management. It improves data accuracy and saves time by automating manual record-keeping. Admin can add students , parents and teacher data and make a User Role .

Purpose:

The main purpose of the Student Management System is to simplify and automate the management of student information in educational institutions. It helps administrators and teachers efficiently handle student records, attendance, and performance data. The system ensures accuracy, reduces paperwork, and makes information easily accessible whenever needed.

Project Profile

Particulars	Details
Project Title	Student Management System
Development Software	Visual Studio
Front End Tool	PHP, Bootstrap
Back End Tool	MySQL Server
Academic Year	2025–26
Developed By	Uttam R. Gondaliya

Process Model

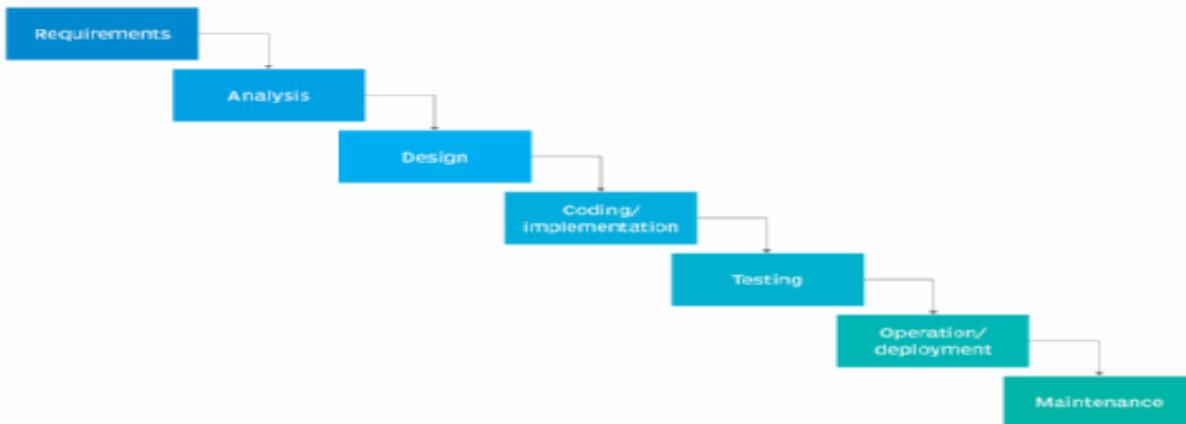
➤ The Waterfall Model

The Process Model used in our projects "**Student Management System**" is waterfall model.

The Waterfall Model is one of the oldest and most widely used software development life cycle (SDLC) models. It follows a **linear and sequential flow**, where each phase of the process must be completed before moving on to the next one. The main stages include **Requirement Analysis, System Design, Implementation, Testing, Deployment, and Maintenance**. This model is easy to understand and manage because of its step-by-step structure.

Although the Waterfall Model is simple and well-structured, it has some limitations. Once a phase is finished, it is difficult to go back and make changes. This makes it less flexible for projects where requirements might change during development. Therefore, it is most suitable for **small projects with clear and fixed requirements**. Despite its drawbacks, the Waterfall Model provides a **disciplined and organized approach** to software development and is still used in many industries today.

Waterfall model



➤ Reason the waterfall model in the software development cycle

- **Simple and Easy to Use:**

The Waterfall Model is straightforward and easy to understand. Each phase has clear objectives and deliverables, making project management simple and structured.

- **Well-Defined Stages:**

Every stage of development is clearly defined with specific milestones, which helps in better planning, documentation, and tracking of progress.

➤ Advantages of the waterfall model:

- This model is simple and easy to understand and use. In, this model phases are processed and completed one at a time and phases do not overlap.
- Waterfall model works well for smaller projects where sequence is very well understood.

Software Resources

- Frontend Design Tool : Visual Studio Code
- Backend Design Tool: Xampp SQL Server
- Code-Behind Language :
- Frontend Language : Bootstrap , css , Js
- Backend Language : PHP

➤ Functionality

- Login

- 1. Student Login

- Student can see his attendance
 - See Exam Marks
 - His own Profile
 - Can See Notice

- 2. Admin Login

- Add Teacher details
 - Add Student details
 - Add Parent details
 - Create User Role (Students , Teachers , Parents)

- 3. Teacher Login

- Take Student Attendance
 - Set Exams
 - Set Timetable
 - Upload Student Marks
 - Add Subjects And Classes

- 4. Parents Login

- See their Student Attendance
 - See Exam marks
 - See notice

List of Module

- Login module
- Student , teacher , admin , Parent Login
- Attendance Module
- Exam / Grade Module
- Search Update Student Parent Module

Data Dictionary

1. Table: admin

Column Name	Data Type	Constraint
aid	int(11)	PRIMARY KEY, NOT NULL
fname	varchar(50)	NOT NULL
lname	varchar(50)	NOT NULL
email	varchar(100)	UNIQUE, NOT NULL
phone	varchar(20)	NULL
created_at	timestamp	NOT NULL, DEFAULT Current_Timestamp()

2. Table: attendance1

Column Name	Data Type	Constraint
id	int(11)	PRIMARY KEY, NOT NULL
student_id	varchar(50)	UNIQUE (with date), NOT NULL
class_id	varchar(50)	NOT NULL
date	date	NOT NULL
status	enum('Present','Absent')	NOT NULL
recorded_by	varchar(50)	NOT NULL
timestamp	timestamp	NOT NULL, DEFAULT current_timestamp()

3. Table: classroom

Column Name	Data Type	Constraint
hno	varchar(50)	PRIMARY KEY, NOT NULL
title	varchar(50)	NOT NULL
location	varchar(50)	NOT NULL
capacity	int(3)	NOT NULL

4.Table: exam

Column Name	Data Type	Constraint
id	int(11)	PRIMARY KEY, NOT NULL
subject	varchar(50)	NOT NULL
teacher	varchar(50)	NOT NULL
classroom	varchar(50)	NOT NULL
date	date	NOT NULL
stime	time	NOT NULL

5. Table: examresult

Column Name	Data Type	Constraint
exam	int(11)	PRIMARY KEY (part 1), NOT NULL
student	varchar(50)	PRIMARY KEY (part 2), NOT NULL
marks	int(10)	NOT NULL
grade	varchar(10)	NOT NULL

6. Table: notice

Column Name	Data Type	Constraint
id	int(11)	PRIMARY KEY, NOT NULL
notice	varchar(1500)	NOT NULL
odience	varchar(100)	NOT NULL
date	datetime	NOT NULL

7. Table: parent

Column Name	Data Type	Constraint
pid	int(11)	PRIMARY KEY, NOT NULL
fname	varchar(50)	NOT NULL
lname	varchar(50)	NOT NULL
contact	varchar(20)	NOT NULL
job	varchar(50)	NOT NULL
address	varchar(250)	NOT NULL
gender	varchar(25)	NOT NULL
nic	int(50)	NOT NULL
email	varchar(50)	UNIQUE, NOT NULL

8. Table: student

Column Name	Data Type	Constraint
sid	varchar(25)	PRIMARY KEY, NOT NULL
fname	varchar(50)	NOT NULL
lname	varchar(50)	NOT NULL
bday	date	NOT NULL
address	varchar(250)	NOT NULL
parent	int(10)	NOT NULL
gender	varchar(10)	NOT NULL
classroom	varchar(25)	NOT NULL
email	varchar(50)	UNIQUE, NOT NULL

9. Table: subject

Column Name	Data Type	Constraint
sid	varchar(50)	PRIMARY KEY, NOT NULL
title	varchar(200)	NOT NULL
description	varchar(500)	NOT NULL

10. Table: user

Column Name	Data Type	Constraint	Column Name
role	varchar(50)	NOT NULL	role
email	varchar(50)	PRIMARY KEY, NOT NULL	email
password	varchar(50)	NOT NULL	password

11. Table: teacher

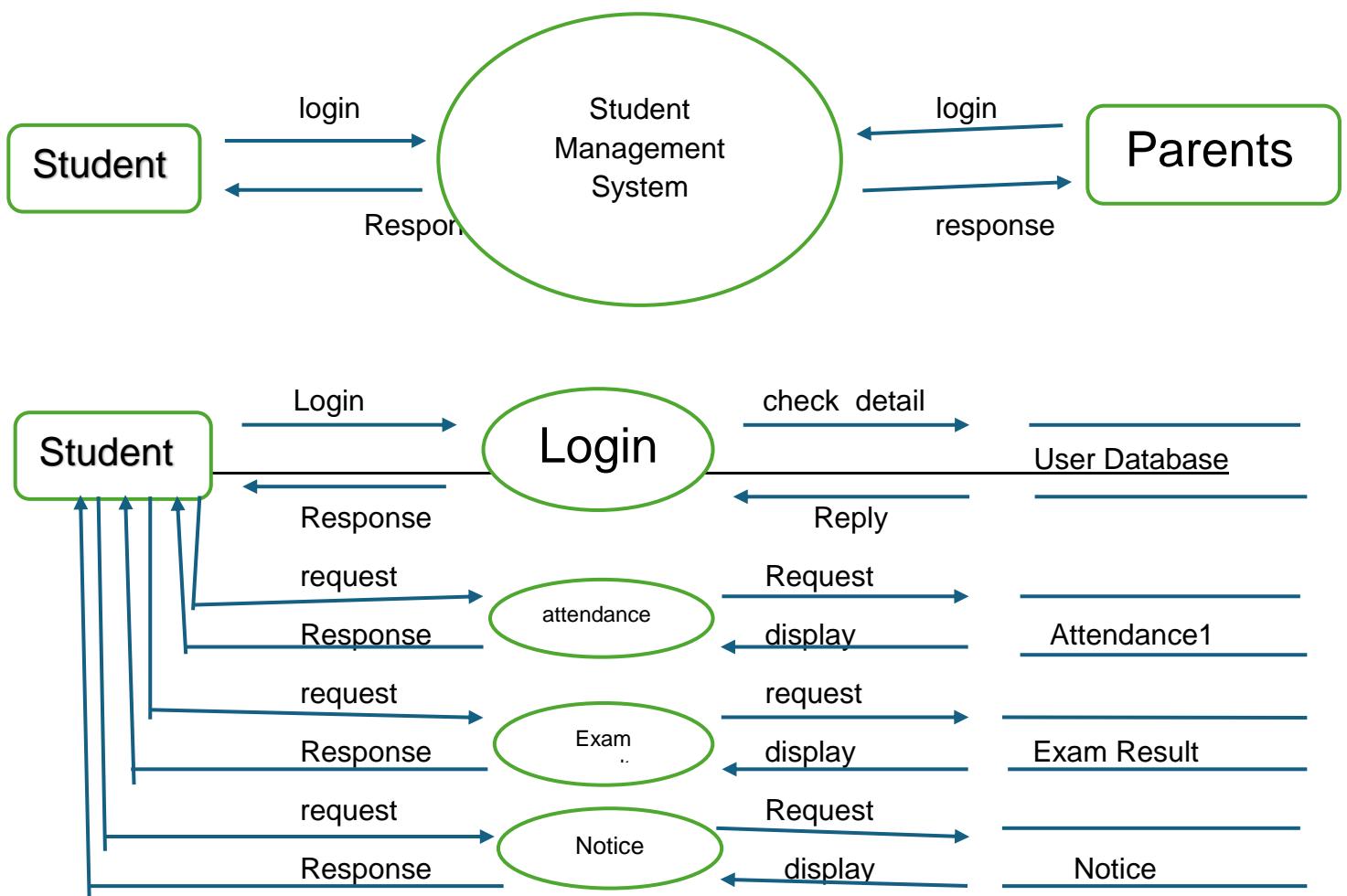
Column Name	Data Type	Constraint
tid	varchar(50)	PRIMARY KEY, NOT NULL
fname	varchar(50)	NOT NULL
lname	varchar(50)	NOT NULL
address	varchar(50)	NOT NULL
contact	varchar(50)	NOT NULL
bday	date	NOT NULL
skill	varchar(500)	NOT NULL
gender	varchar(25)	NOT NULL
email	varchar(50)	UNIQUE, NOT NULL

12. Table: timetable

Column Name	Data Type	Constraint
id	int(11)	PRIMARY KEY, NOT NULL
class_id	varchar(50)	NOT NULL
classroom	varchar(50)	FOREIGN KEY → classroom(hno)
subject_id	varchar(50)	FOREIGN KEY → subject(sid)
day	varchar(20)	NOT NULL
start_time	time	NOT NULL
end_time	time	NOT NULL
teacher_id	varchar(50)	NOT NULL
created_at	timestamp	NOT NULL, DEFAULT current_timestamp()

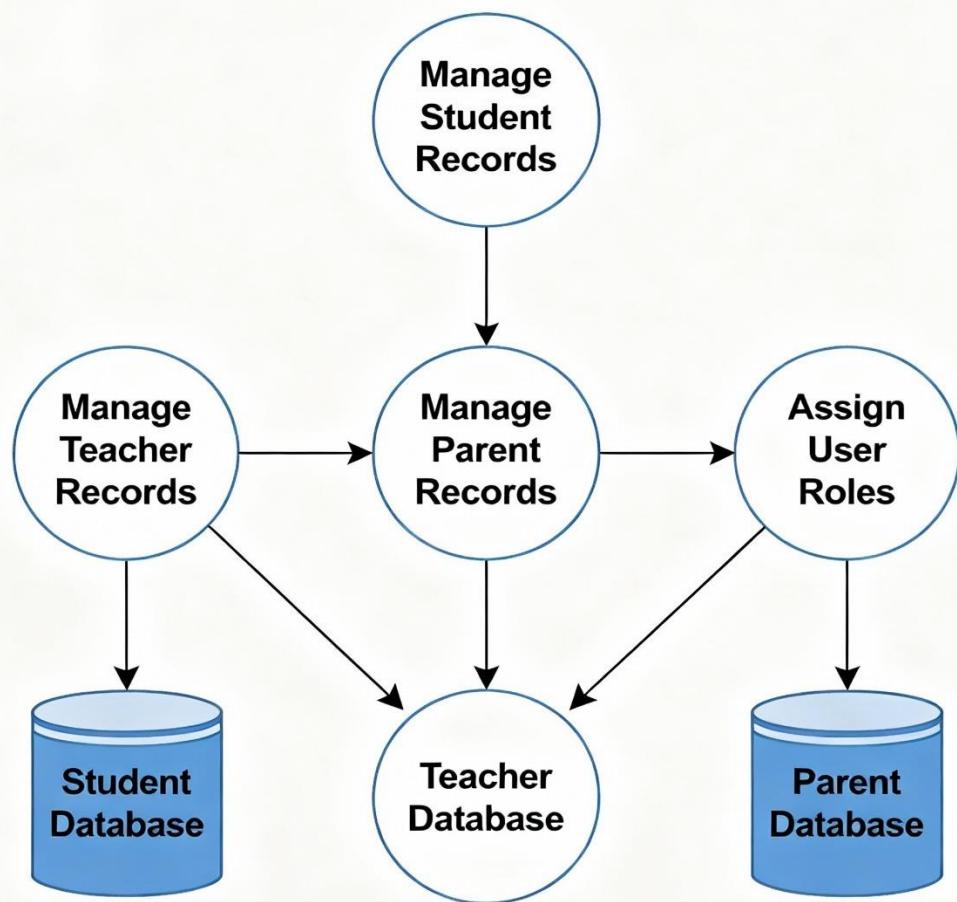
DFD [Data Flow Diagram]

- 0 level DFD (context Diagram)

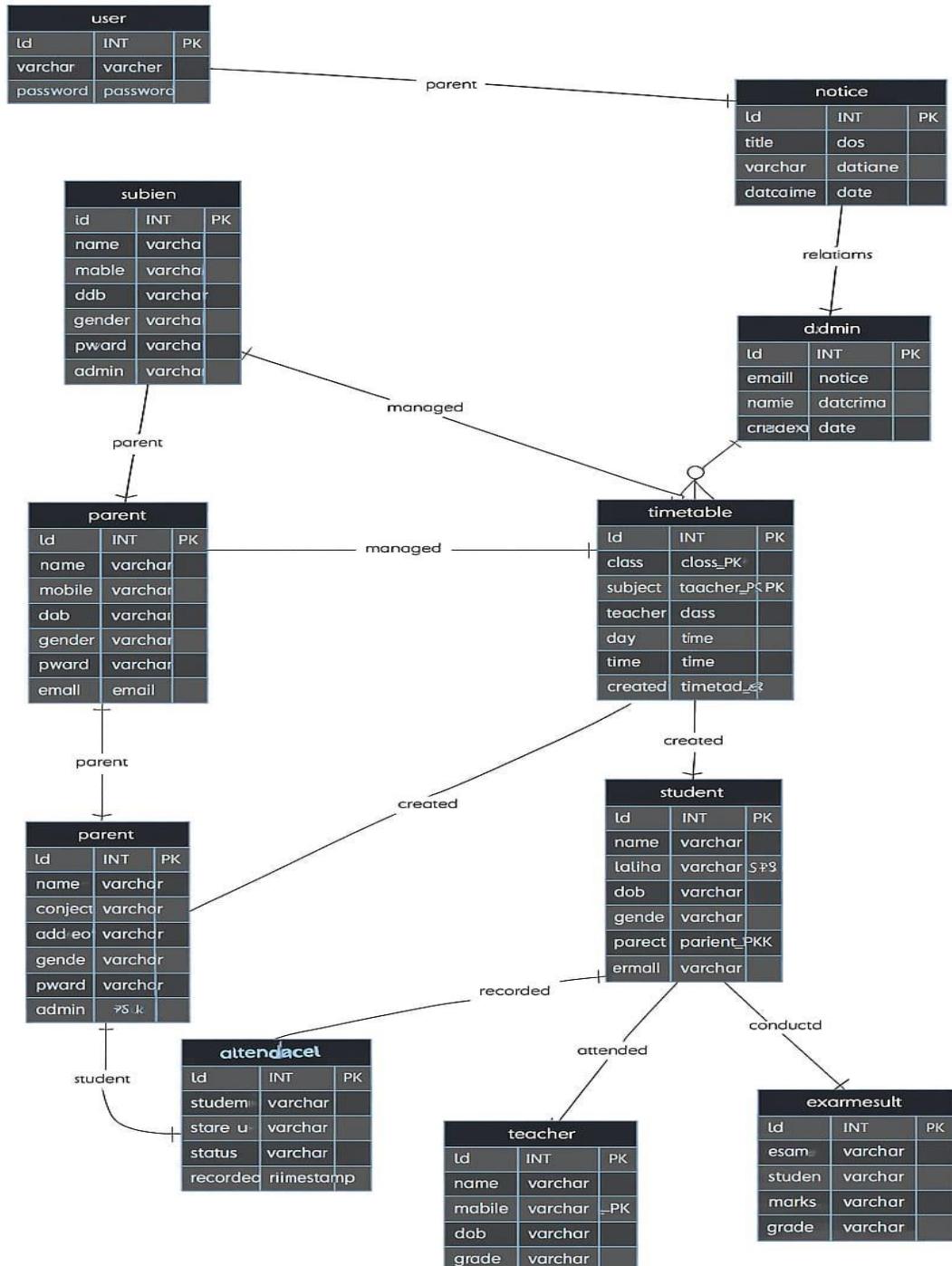


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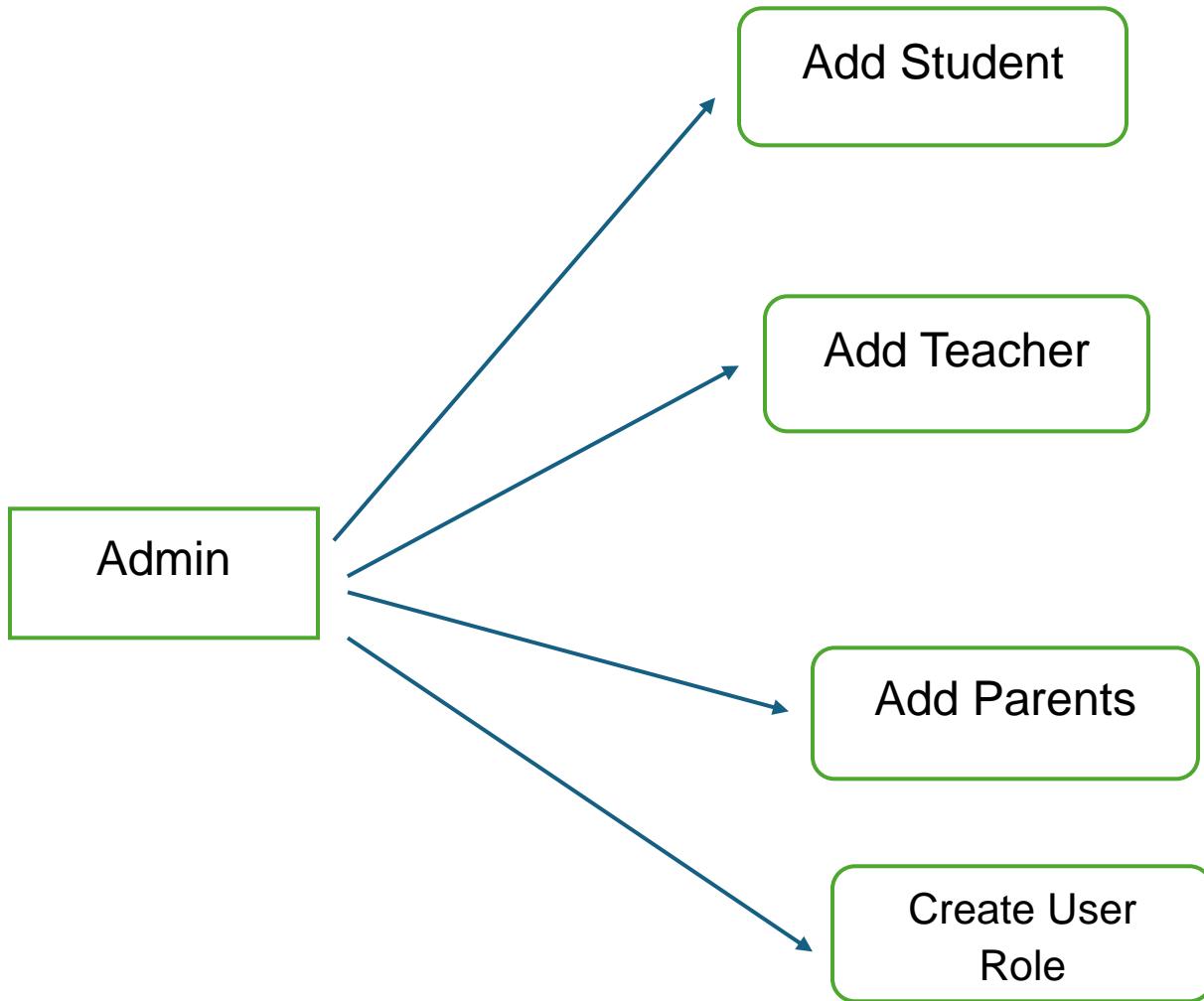
➤ 1 Level DFD



ERD [Entity Relationship Diagram]



Use case Diagram



PROJECT REPORT

Test Cases

1. Login

Sr. No	Module	Test Scenario	Test Steps	Result	Remarks
1	Login	Check login with valid credentials	1. Open login page 2. Enter valid email & password 3. Click Login	User redirected to correct panel based on role	Pass if redirected correctly
2	Login	Check login with invalid credentials	1. Open login page 2. Enter invalid email or password 3. Click Login	Error message displayed "Invalid credentials"	Pass if error shown
3	Admin Panel	Add a new student	1. Login as admin 2. Go to Add Student 3. Fill details 4. Submit	Student added to database and visible in list	Pass if student saved
4	Student Panel	View exam results	1. Login as student 2. Go to Exam Results section	Display student's exam results	Pass if correct results shown
5	Teacher Panel	Take attendance for a class	1. Login as teacher 2. Go to Attendance 3. Select class 4. Mark present/absent 5. Submit	Attendance recorded in database	Pass if attendance saved
6	Parent Panel	View child attendance	1. Login as parent 2. Go to Attendance section	Display child's attendance	Pass if correct attendance shown

PROJECT REPORT

2. Admin

Sr. No	Module	Test Scenario	Test Steps	Result	Remarks
1	Admin	Add Student Details - Valid	1. Login as admin 2. Go to Add Student 3. Fill all required fields 4. Click Submit	New student added successfully and visible in student list	Pass if student saved correctly
2	Admin	Add Student Details - Invalid	1. Login as admin 2. Go to Add Student 3. Leave required fields empty 4. Click Submit	Error message displayed "Please fill all required fields"	Pass if error shown correctly
3	Admin	Add Teacher Details - Valid	1. Login as admin 2. Go to Add Teacher 3. Fill all required fields 4. Click Submit	New teacher added successfully and visible in teacher list	Pass if teacher saved correctly
4	Admin	Add Teacher Details - Invalid	1. Login as admin 2. Go to Add Teacher 3. Enter invalid email/phone 4. Click Submit	Error message displayed "Invalid input"	Pass if error shown correctly

PROJECT REPORT

5	Admin	Add Parent Details - Valid	1. Login as admin 2. Go to Add Parent 3. Fill all required fields 4. Click Submit	New parent added successfully and visible in parent list	Pass if parent saved correctly
6	Admin	Add Parent Details - Invalid	1. Login as admin 2. Go to Add Parent 3. Leave required fields empty 4. Click Submit	Error message displayed "Please fill all required fields"	Pass if error shown correctly
7	Admin	Assign User Role - Valid	1. Login as admin 2. Go to User Role assignment 3. Select user and role 4. Click Submit	User role assigned successfully and saved in database	Pass if role assigned correctly
8	Admin	Assign User Role - Invalid	1. Login as admin 2. Go to User Role assignment 3. Do not select a role 4. Click Submit	Error message displayed "Please select a role"	Pass if error shown correctly

PROJECT REPORT

3. Teacher

Sr. No	Module	Test Scenario	Test Steps	Result	Remarks
1	Teacher	Add Subject - Valid	1. Login as teacher 2. Go to Add Subject 3. Fill subject details 4. Click Submit	Subject added successfully and visible in list	Pass if subject saved correctly
2	Teacher	Add Subject - Invalid	1. Login as teacher 2. Go to Add Subject 3. Leave required fields empty 4. Click Submit	Error message displayed "Please fill all required fields"	Pass if error shown correctly
3	Teacher	Add Class - Valid	1. Login as teacher 2. Go to Add Class 3. Fill class details 4. Click Submit	Class added successfully and visible in list	Pass if class saved correctly
4	Teacher	Add Timetable	1. Login as teacher 2. Go to Add Timetable 3. Fill timetable details 4. Click Submit	Timetable added successfully	Pass if timetable saved correctly
5	Teacher	Take Attendance Class-wise	1. Login as teacher 2. Go to Attendance 3. Select class 4. Mark present/absent 5. Submit	Attendance recorded successfully	Pass if attendance saved

PROJECT REPORT

6	Teacher	Send Notice	1. Login as teacher 2. Go to Add Notice 3. Enter notice details 4. Click Submit	Notice added and visible to students/parents	Pass if notice sent correctly
7	Teacher	Set Exam	1. Login as teacher 2. Go to Set Exam 3. Fill exam details 4. Click Submit	Exam created successfully	Pass if exam saved correctly
8	Teacher	Set Exam Result	1. Login as teacher 2. Go to Upload Result 3. Select exam & student 4. Enter marks 5. Submit	Result uploaded successfully	Pass if result saved correctly

PROJECT REPORT

4. Student

Sr. No	Module	Test Scenario	Test Steps	Result	Remarks
1	Student	View Profile	1. Login as student 2. Go to Profile section	Student's personal details displayed	Pass if correct details shown
2	Student	View Attendance	1. Login as student 2. Go to Attendance section	Attendance record of the student displayed	Pass if correct attendance shown
3	Student	View Exam Marks	1. Login as student 2. Go to Exam Results section	Exam marks uploaded by teacher displayed	Pass if correct results shown
4	Student	View Notices	1. Login as student 2. Go to Notices section	Notices uploaded by teacher/admin displayed	Pass if notices visible
5	Student	View Timetable/Schedule	1. Login as student 2. Go to Timetable section	Weekly timetable displayed	Pass if timetable correct
6	Student	Profile Update - Invalid	1. Login as student 2. Go to Profile 3. Enter invalid data 4. Submit	Error message displayed "Invalid input"	Pass if error shown correctly
7	Student	Logout	1. Click logout button	Redirected to login page	Pass if logout works

PROJECT REPORT

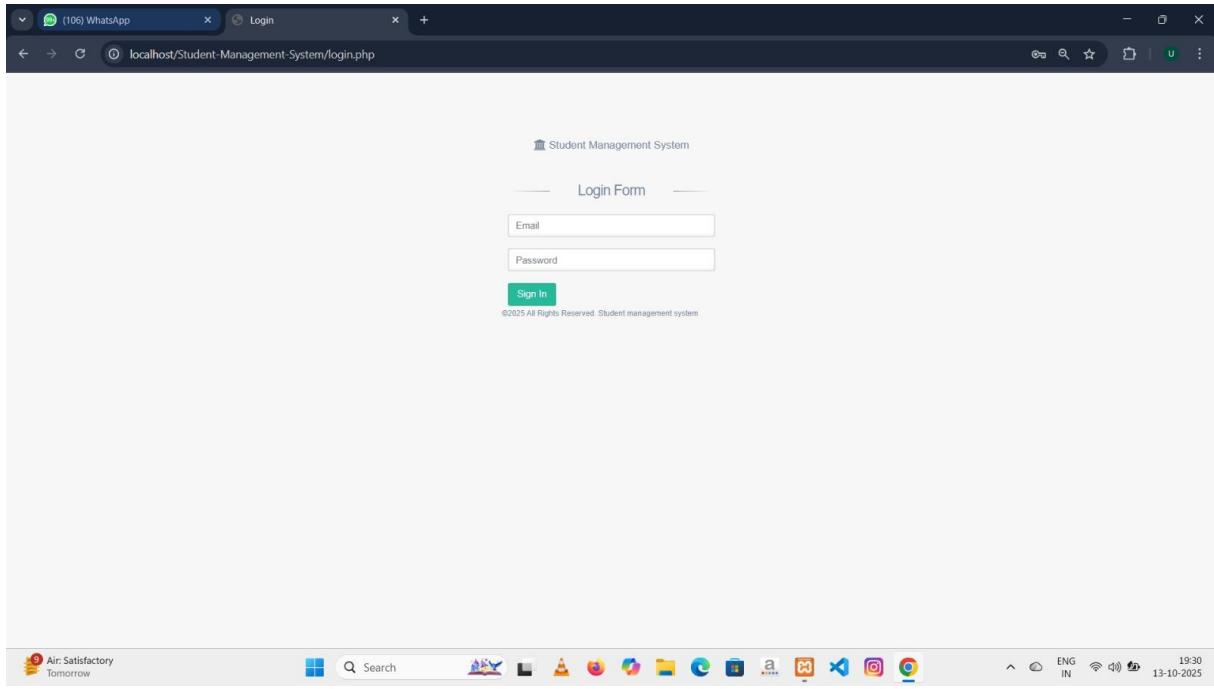
5. Parent

Sr. No	Module	Test Scenario	Test Steps	Result	Remarks
1	Parent	View Child Attendance	1. Login as parent 2. Go to Attendance section	Attendance record of the child displayed	Pass if correct attendance shown
2	Parent	View Child Exam Result	1. Login as parent 2. Go to Exam Results section	Exam marks of the child displayed	Pass if correct results shown
3	Parent	View Notices	1. Login as parent 2. Go to Notices section	Notices uploaded by teacher/admin displayed	Pass if notices visible
4	Parent	View Child Name	1. Login as parent 2. Go to Profile/Child Info section	Child's name and details displayed	Pass if correct child name shown
5	Parent	Profile Update - Invalid	1. Login as parent 2. Go to Profile 3. Enter invalid data 4. Submit	Error message displayed "Invalid input"	Pass if error shown correctly
6	Parent	Logout	1. Click logout button	Redirected to login page	Pass if logout works

PROJECT REPORT

Screenshots

Login page



- This is login Page

PROJECT REPORT

Add teacher

The screenshot shows a web-based student management system. On the left, a sidebar menu includes 'Dashboard', 'General' (selected), 'Add teacher' (highlighted in blue), 'Add Parents', 'Add Student', 'Users', and 'Logout'. The main content area has two sections: 'Add teacher' on the left with fields for Teacher ID, First Name, Last Name, Date of Birth (dd-mm-yyyy), Gender (Male/Female), Email, Address, Contact, and Skills; and 'All Teachers' on the right, which is a grid of teacher records with columns for TID, Name, DOB, Gender, Address, Contact, Skills, and Actions (with a 'Update' button). The status bar at the bottom shows the date as 13-10-2025, time as 21:46, and system information like ENG IN.

TID	Name	DOB	Gender	Address	Contact	Skills	Actions
deep	Deep Hanyani	2000-10-16	Male	malyasan	98565491696	maths teacher	<button>Update</button>
ENG-2	nitin trivedi	1995-02-25	Male	dhasa , botad , gurat	9725689816	english	<button>Update</button>
Hin-3	rajni mshela	1993-06-07	Male	lathi , sahajanad socity	8889354589	hindi	<button>Update</button>
phy-1	karadem zathvara	1982-06-28	Male	ahmedabad	97925688880	physics	<button>Update</button>
ss-2	tushar sondagar	2025-09-25	Male	talaja boria	9725689816	social science	<button>Update</button>

- This is the page for add teacher in admin panel , where admin can add teacher .

PROJECT REPORT

Add Parent

The screenshot shows a web-based student management system. On the left, a sidebar menu includes 'Dashboard', 'General' (with 'Add teacher', 'Add Parents', 'Add Student', 'Users'), 'USER', and 'Logout'. The main content area has two sections: 'Add parent' on the left and 'All parents' on the right.

Add parent: This form allows adding new parent information. Fields include First Name, Last Name, Adhar card, Gender (Male/Female), Email, Address, Contact, and Occupation. A blue 'Add Parent' button is at the bottom.

All parents: This section displays a table of existing parent records. The columns are Parent ID, Full Name, Adhar card, Gender, Address, Contact, Occupation, Students, and Actions (Update, Delete). The table contains 11 entries, each with a unique ID and details like name, address, occupation, and associated students.

- This is a parent page for admin, where parent can add student data and it automatically gives name of child which is connected with child .

PROJECT REPORT

User Role

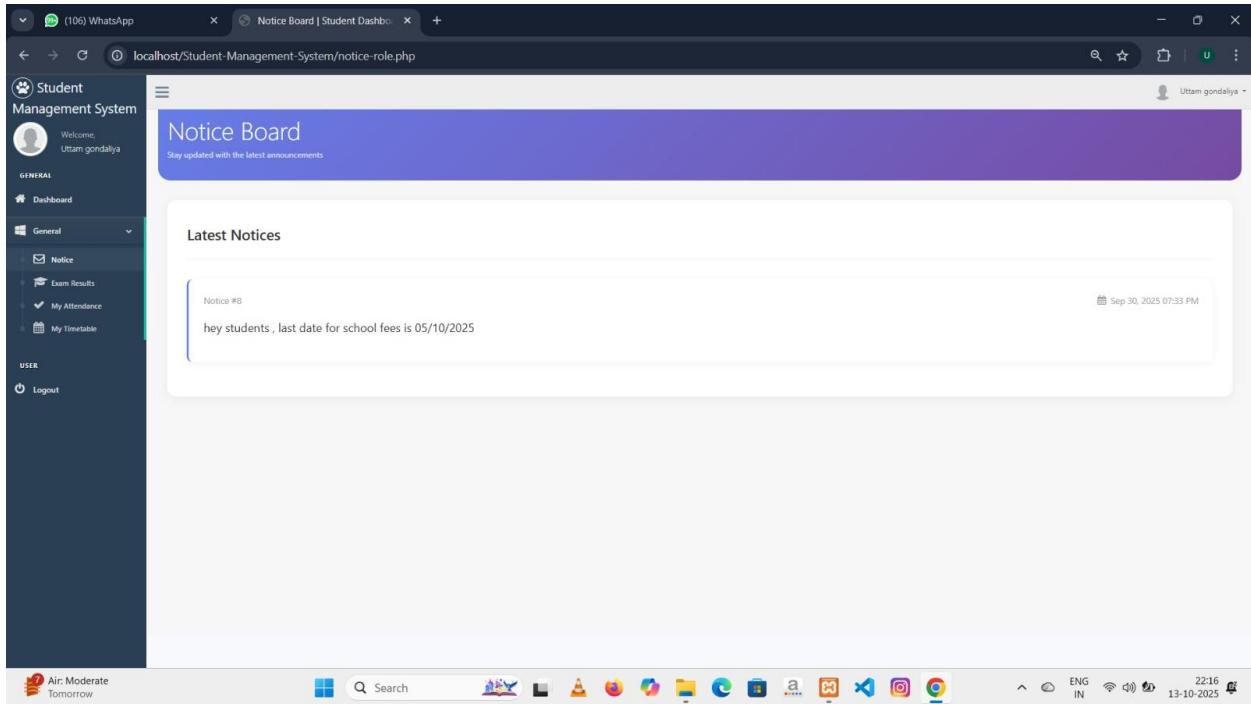
The screenshot shows a web-based application titled "Student Management System". On the left, there is a sidebar with navigation links: Dashboard, General (Add teacher, Add Parents, Add Student), and User (Logout). The main content area has two sections: "Add user" on the left and "All Users" on the right. The "Add user" section contains fields for "User" (Select Email, Enter Password, Select Role), and a "Add Result" button. The "All Users" section displays a table with columns: Email, Permission Role, and Action (Delete, Update). The table lists several users with their respective roles and actions:

Email	Permission Role	Action
admin@school.com	Admin	Delete Update
deeparya123@gmail.com	Teacher	Delete Update
gondaliyaravi1746@gmail.com	Student	Delete Update
kardansathvara17@gmail.com	Teacher	Delete Update
mukaihghoghai123@gmail.com	Parent	Delete Update
parent@gmail.com	Parent	Delete Update
rameshbhai221@gmail.com	Parent	Delete

- This is a Page of User Role where admin can set a User role for Student , Teacher and Parent so the can login into System .

PROJECT REPORT

Notice Student



- This is Notice Section page in student panel , where student can see the important notices , which is send by teachers .

PROJECT REPORT

Exam Result Student

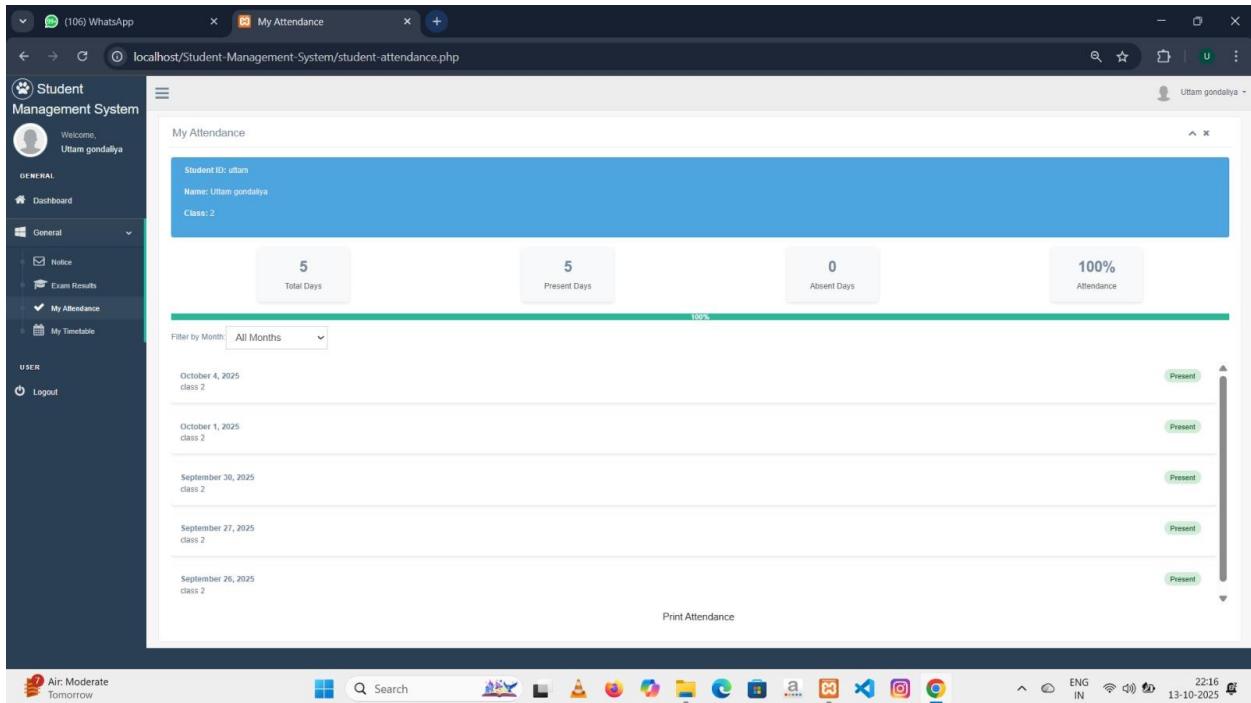
The screenshot shows a web-based Student Management System interface. The left sidebar has a dark blue background with white text and icons. It includes sections for GENERAL (Dashboard, General, Notice, Exam Results, My Attendance, My Timetable), and USER (Logout). The main content area is titled 'All Exams' and shows a table with one entry. The table has columns for Exam ID, Student ID, Marks, and Grade. The entry shows Exam ID 3, Student ID uttam, Marks 30, and Grade B+. There are buttons for Copy, CSV, Excel, PDF, Print, and a dropdown for Show 10 entries. A search bar is at the top right. The bottom of the screen shows a Windows taskbar with various icons and system status.

Exam ID	Student ID	Marks	Grade
3	uttam	30	B+

- This is a page for a Exam result show in Student p, which is Uploaded by teachers.

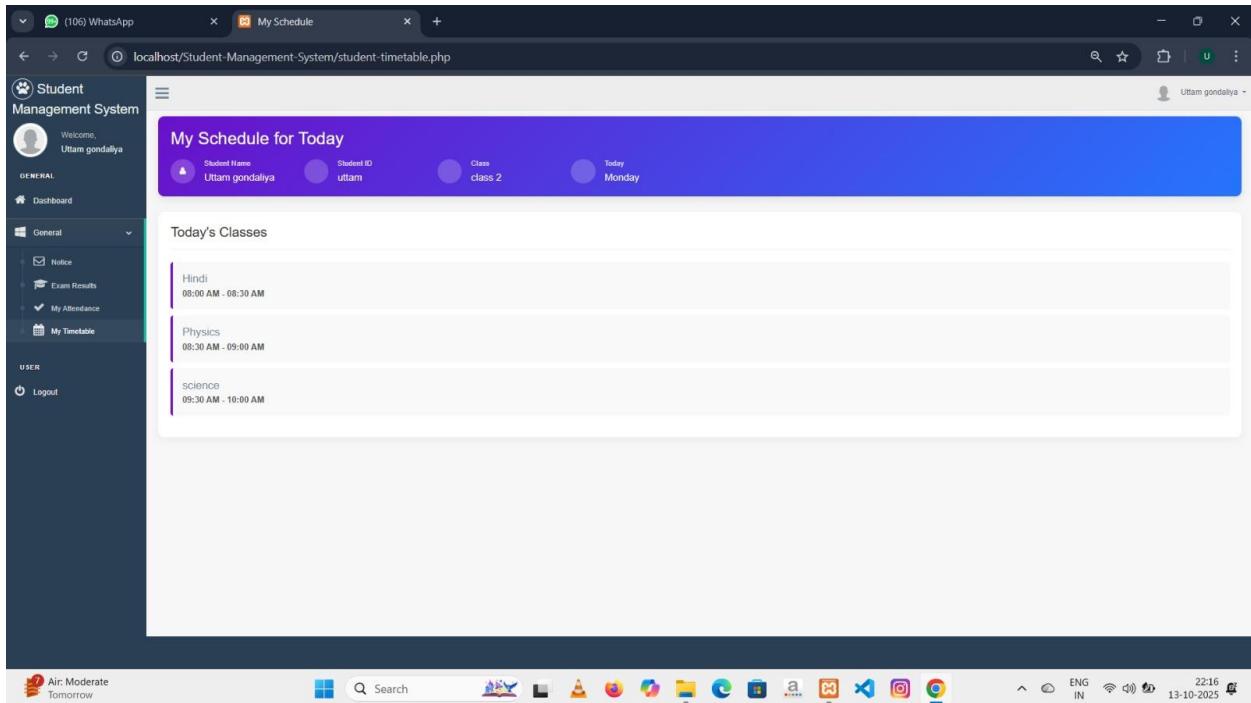
PROJECT REPORT

Student Attendance



- This is a page for a student attendance, where it shows to student their attendance daily and also a monthly attendance report.
- How many days student present and how many days student absent.

Student timetable



- This is a page for a student time table Where it shows regular schedule .

PROJECT REPORT

Parent Child detail

The screenshot shows a web application titled "Student Management System". The main content area is titled "Your Children Details" and displays a table with one row of data. The table columns are: Student ID, Full Name, Date of Birth, Gender, Address, and Classroom. The data in the table is:

Student ID	Full Name	Date of Birth	Gender	Address	Classroom
uttam	Uttam gondaliya	2006-06-20	Male	Laxminagar Society Dhamel Road	2

Below the table, it says "Showing 1 to 1 of 1 entries". The browser's address bar shows "localhost/Student-Management-System/student-par.php". The sidebar on the left has sections for "GENERAL", "My child", "Notice", "Exam Results", "Child Attendance", and "USER" with a "Logout" option. The status bar at the bottom shows system information like weather (25°C), date (13-10-2025), and time (22:50).

- This is a page where parents can see his child detail.

PROJECT REPORT

Parent child result

The screenshot shows a web browser window titled "localhost/Student-Management-System/examresults-par.php". The left sidebar of the application is visible, showing "GENERAL" and "Exam Results" selected. The main content area displays a table with one row of data:

Student ID	Full Name	Action
uttam	Uttam gondaliya	View Results

At the bottom of the browser window, the taskbar is visible with various icons and system status information.

- This is the page where parents can see his child result.

PROJECT REPORT

Child attendance

The screenshot shows a web-based student management system interface. On the left, there's a sidebar with a user profile picture and the text "Welcome, rameshbhai gondaliya". The sidebar includes sections for "GENERAL" (Dashboard, My child, Notice, Exam Results), "Child Attendance", and "USER" (Logout). The main content area is titled "Children's Attendance Records" and displays the following information:

Parent Name: rameshbhai gondaliya
Email: rameshbhai746@gmail.com

Uttam gondaliya
ID: uttam | Class: 2

Attendance summary: Total Days 5, Present Days 5, Absent Days 0, Attendance 100%

A chart shows 100% attendance across 5 days.

Filter by Month: All Months

Date	Class	Status
October 4, 2025	class 2	Present
October 1, 2025	class 2	Present
September 30, 2025	class 2	Present
September 27, 2025	class 2	Present
September 26, 2025	class 2	Present

The bottom of the screen shows a taskbar with various icons and system status indicators like battery level, signal strength, and date/time (13-10-2025).

- This is a page where parents can see his child attendance and also can print it.

PROJECT REPORT

Teacher Subject

The screenshot shows a web-based student management system. On the left is a dark sidebar with a user icon, the text 'Welcome, karadam sathvara', and a navigation menu under 'GENERAL' and 'USER'. The main content area has a header 'Add subject' and a form with fields for 'Subject ID' and 'Subject Title', followed by a 'Syllabus Details' section and a 'Update Subject' button. To the right is a table titled 'All Subjects' with columns for 'Subject ID', 'Title', 'Details', and 'Action'. The table lists six subjects: ENO-28 (English), HI-27 (Hindi), maths-24 (maths), phy-23 (Physics), soi-26 (science), and ss-24 (social science). Each row has an 'Update' button in the 'Action' column. The bottom of the page includes a footer with system status icons and the date/time '13-10-2025 23:14'.

Subject ID	Title	Details	Action
ENO-28	English	Full english syllabus	<button>Update</button>
HI-27	Hindi	Hindi full course	<button>Update</button>
maths-24	maths	maths full syllabus	<button>Update</button>
phy-23	Physics	physics syllabus	<button>Update</button>
soi-26	science	full course of science	<button>Update</button>
ss-24	social science	full course of social science	<button>Update</button>

- Teacher Can add subject from this page.

PROJECT REPORT

Teacher Class

The screenshot shows a web-based student management system interface. On the left, there is a dark sidebar with a user profile picture, the text "Welcome, karadam saffvara", and a navigation menu. The menu items include "GENERAL" (Dashboard, Subject, Class Room, Attendance, Exam, Exam Results, Notice, Timetable), "USER" (Logout), and a weather widget showing "24°C Clear". The main content area has a header "All Classrooms" and a table displaying eight entries. The table columns are "Class Room ID", "Title", "Location", and "Capacity". The data is as follows:

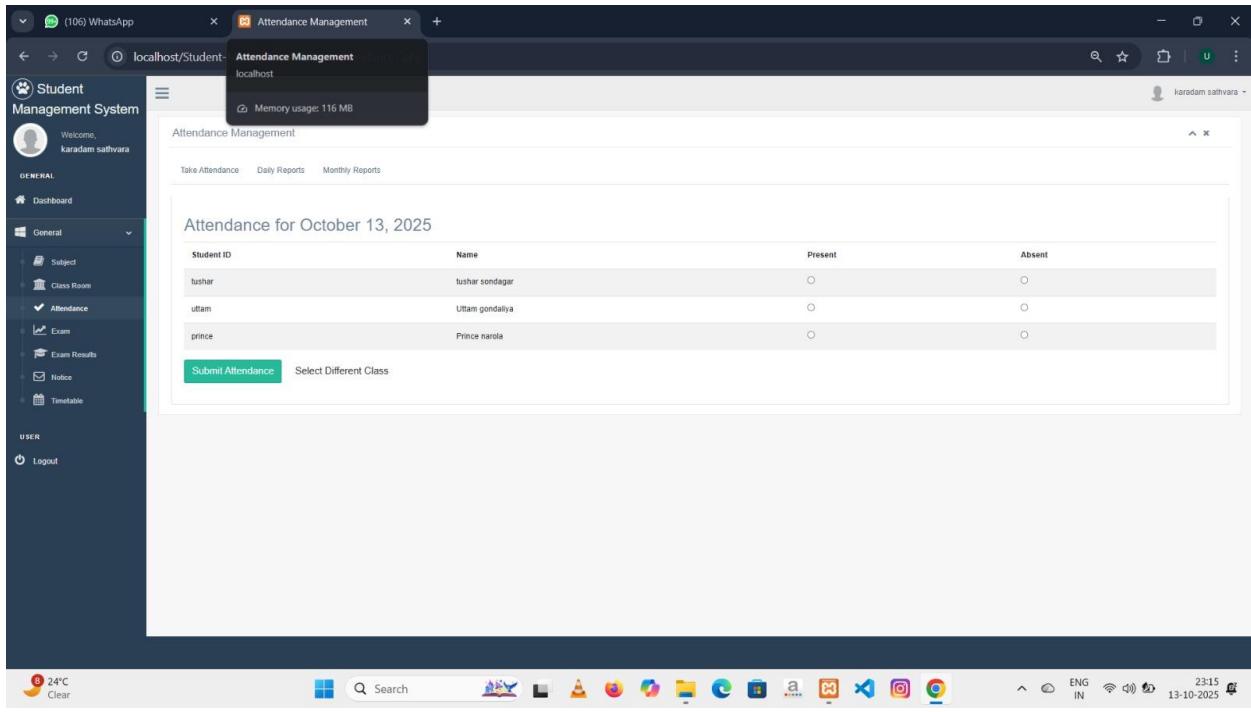
Class Room ID	Title	Location	Capacity
1	class-1	ground floor	20
2	class 2	ground floor	20
3	class 3	first floor	30
4	class 4	first floor	30
5	class 5	second floor	30
6	class 6	second floor	30
7	class 7	third floor	30
8	class 8	third floor	30

At the bottom of the page, there are links for "Previous" and "Next". The browser's address bar shows "localhost/Student-Management-System/class.php". The taskbar at the bottom of the screen includes icons for WhatsApp, Dashboard, and other applications like VLC, File Explorer, and Google Chrome.

- Teacher can add Classes from this page.

PROJECT REPORT

Teacher Attendance



- This is a page where teacher first select the class then it shows the student of that class with present absent option then teacher select in option then submit .

PROJECT REPORT

Attendance Report

The screenshot shows a web-based student management system. The left sidebar has a dark blue header "Student Management System" with a paw print logo. Under "GENERAL", it lists "Dashboard", "General", "Subject", "Class Room", "Attendance" (which is expanded), "Exam", "Exam Results", "Notice", and "Timetable". Under "USER", there's a "Logout" link. The main content area has a title "Attendance Management" with tabs "Take Attendance", "Daily Reports", and "Monthly Reports". A sub-section titled "Monthly Attendance Report for September 2025" shows a summary: "3 Total Students" and "88.89% Class Attendance". Below is a table:

Student ID	Name	Present Days	Absent Days	Total Days	Attendance %
tushar	tushar sondagar	3	0	3	100%
uttam	Uttam gondaliya	3	0	3	100%
prince	Prince narola	2	1	3	66.67%

At the bottom, there's a "Print Report" button. The browser address bar shows "localhost/Student-Management-System/attendance1.php". The taskbar at the bottom includes icons for WhatsApp, Search, File Explorer, VLC, Firefox, Task View, Microsoft Edge, and others, along with system status indicators like battery level and date/time.

- This is a page where it shows monthly attendance report .

PROJECT REPORT

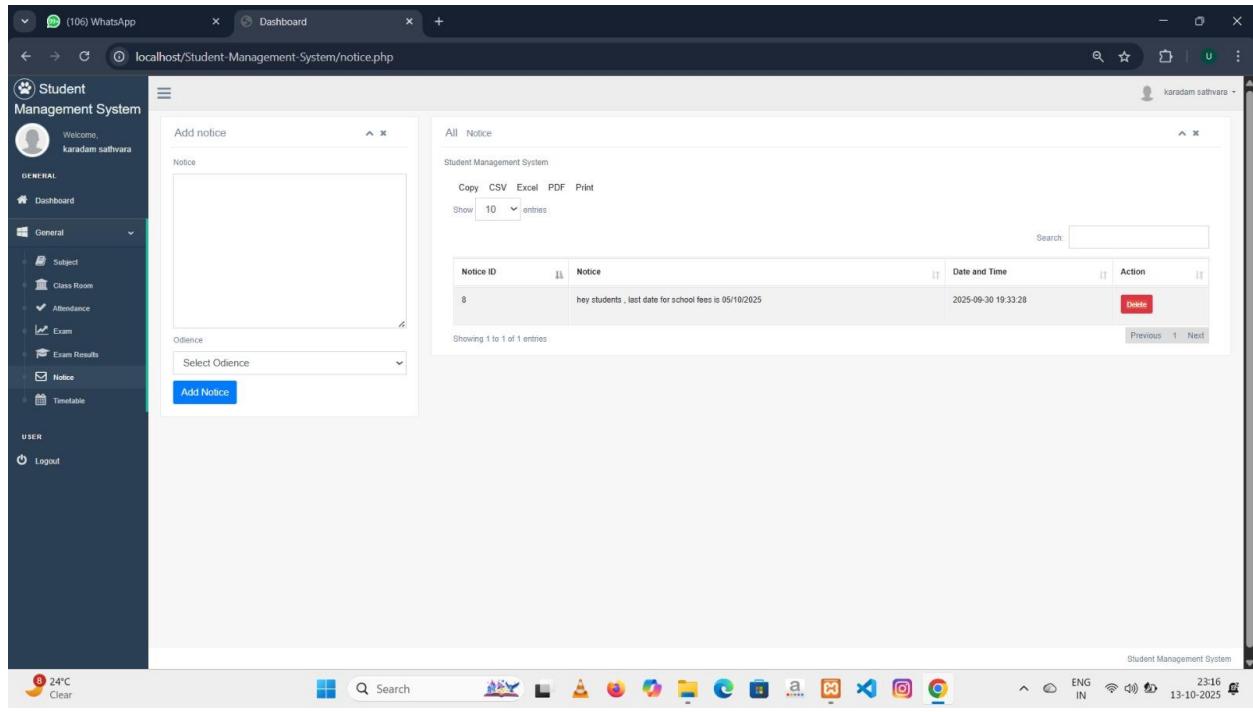
Exam Set

The screenshot shows a web-based student management system interface. On the left, there is a sidebar with a logo and the text "Student Management System". The sidebar includes a user profile picture and the name "karadam sathvara". Below this, under the heading "GENERAL", are links for "Dashboard", "Subject", "Class Room", "Attendance", "Exam" (which is highlighted in blue), "Exam Results", "Notice", and "Timetable". Under "USER", there is a "Logout" link. The main content area has two sections. On the left, a form titled "Add exam" allows users to input details such as Subject (Select Subject dropdown), Exam Hall (Class Room dropdown), Select Class Room, Teacher in Charge (Select Teacher dropdown), Date (Select Exam date dropdown), Start Time, End Time, and a "Add Exam" button. On the right, a table titled "All Exams" displays existing exam entries. The table columns are Exam ID, Subject, Teacher In Charge, Location (Classroom), Date, Start Time, and End Time. One entry is shown: Exam ID 3, Subject phy-23, Teacher phy-1, Location 2-B, Date 2006-06-20, Start Time 10:00:00, and End Time 11:00:00. At the bottom of the screen, there is a taskbar with various icons and system status information.

- Teacher can set Exam (Test) from this page .

PROJECT REPORT

Exam Result



- This is a page where teacher can sent a notice to Student and Parents .

PROJECT REPORT

Timetable

The screenshot displays the 'Timetable Management' section of a student management system. On the left, a sidebar menu includes 'Dashboard', 'Subject', 'Class Room', 'Attendance', 'Exam', 'Exam Results', 'Notice', and 'Timetable'. The main content area is titled 'Timetable Management' and contains two forms. The first form, 'Add Timetable Entry', has fields for 'Subject' (dropdown), 'Day' (dropdown), 'Start Time' (dropdown), and 'End Time' (dropdown). It also features a 'Generate PDF' button and a 'Select Different Class' link. The second form, 'Timetable for class 2', shows a grid of subjects for five days of the week (Monday to Friday) across three time slots (08:00:00, 08:30:00, 09:30:00). Each slot contains a subject name and a 'Delete' button. The subjects listed are Hindi, Physics, English, Maths, Science, and Social Science.

- This is the page where teacher can set a timetable for different class.
- First of all dropdown menu of class come then select class and then click submit button then create a time table.
- You can also generate timetable print.

Limitations

Though we tried our best in developing this software but as limitation are major part of any software so are of our software. Some limitation of innovator to investors portal are as follows: .

- If database gets big amount of data, it gets much time to load.
- Specific user roles are not provided in this software. That's why this can only be used by admin.

Future Enhancement

In the future, the **Student Management System** can be enhanced by integrating advanced technologies such as Artificial Intelligence (AI) and Data Analytics to automate attendance tracking, performance evaluation, and personalized learning recommendations. Cloud integration can be implemented to provide real-time access to data for students, teachers, and parents from anywhere. Additionally, features like biometric authentication, chatbot support for queries, and mobile application compatibility can improve user experience and system efficiency. These enhancements will make the system more intelligent, secure, and user-friendly for all stakeholders.

Conclusion

Conclusion:

The **Student Management System** project successfully provides a digital solution for managing student-related information efficiently within an educational institution. It helps administrators easily handle student, teacher, and parent records through a centralized platform. The system automates key processes such as registration, attendance, examination management, and communication, thereby reducing manual work and improving accuracy. It ensures that data is well-organized and accessible, making the overall management process more efficient and transparent.

Overall, this project demonstrates how technology can simplify educational administration. By using PHP and MySQL, the system offers reliability, flexibility, and scalability for future improvements. It not only benefits the administration but also creates better communication between teachers, students, and parents. With future enhancements like mobile app support, AI-based analytics, and cloud integration, this project can evolve into a complete digital ecosystem for modern educational management.