

Project report

On

Student Management System

Created By

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BSC-IT-5

Under the Guidance of

PROF. KISHORSINGH VALA

Submitted To

**GEETANAJALI COLLEGE OF COMPUTER SCIENCE &
COMMERCE**



Affiliated To

SAURASTRA UNIVERSITY

For Academic Year

2025-26

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.

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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

Project Title : **Student Management System**

Development Software : **Visual Studio**

Front End Tool : **PHP , BOOTSTRAP**

Back End Tool : **MY SQL Server**

Academic Year : **2025–26**

Developed By : **Created by Uttam R. Gondaliya**

Submitted To : **GEETANJALI COLLEGE**

Process Model

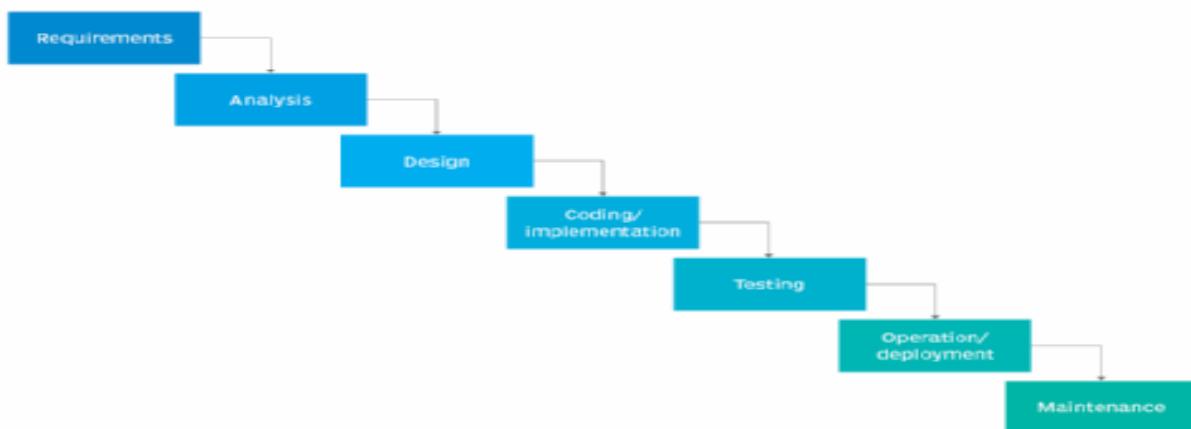
➤ The Waterfall Model

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 |
| bdy | 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

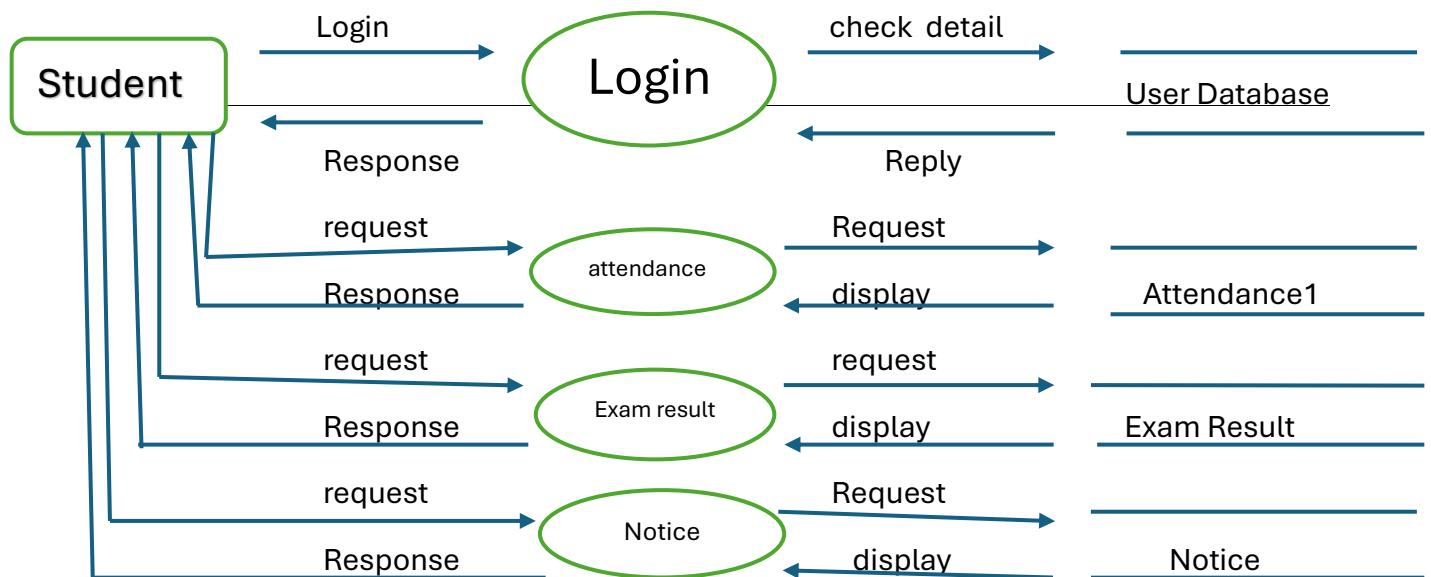
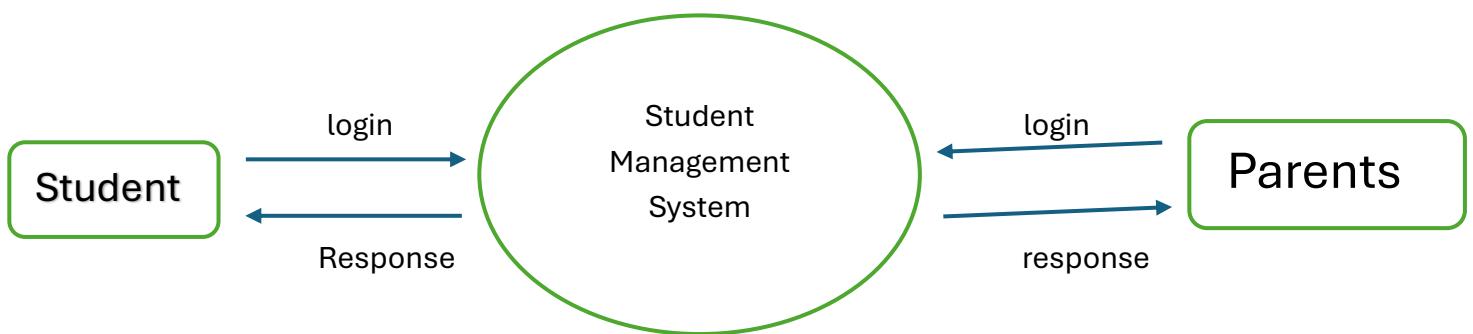
| Column Name | Data Type | Constraint |
|-------------|--------------|-----------------------|
| tid | varchar(50) | PRIMARY KEY, NOT NULL |
| fname | varchar(50) | NOT NULL |
| lname | varchar(50) | NOT NULL |
| address | varchar(50) | NOT NULL |
| contact | varchar(50) | NOT NULL |
| bday | date |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

12. Table: timetable

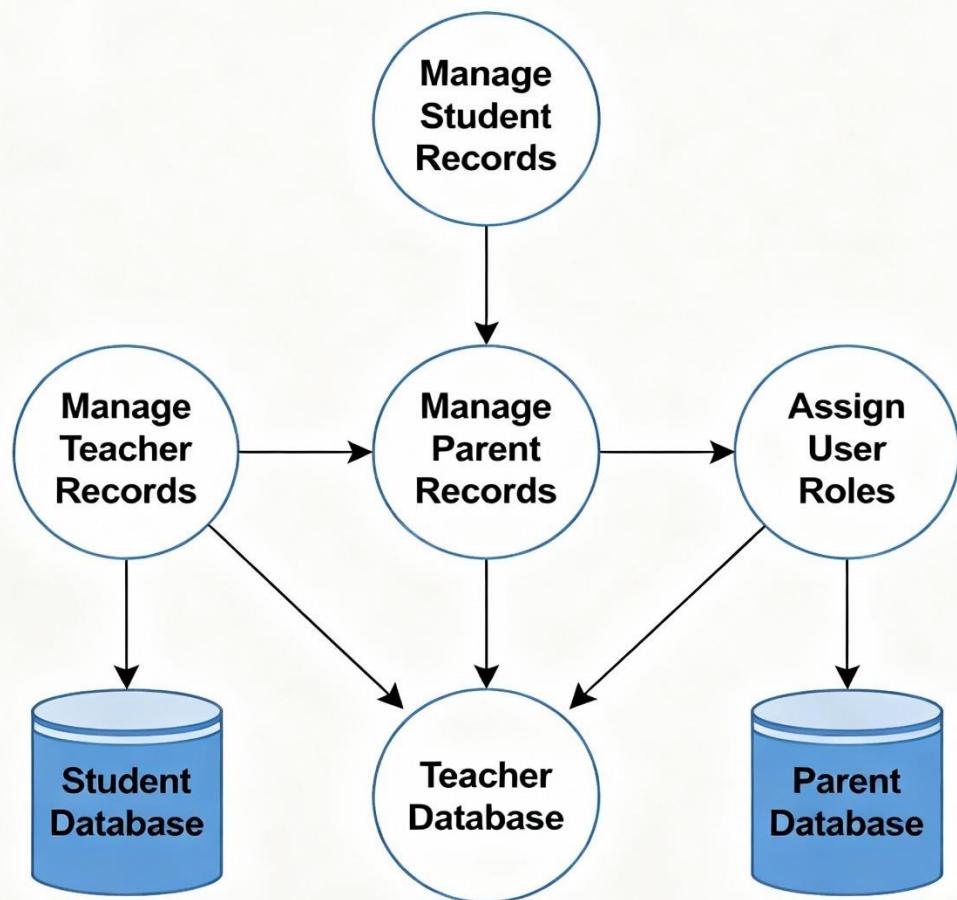
| Column Name | Data Type | Constraint |
|-------------|-------------|---------------------------------------|
| id | int(11) | PRIMARY KEY, NOT NULL |
| class_id | varchar(50) | NOT NULL |
| classroom | varchar(50) | FOREIGN KEY → classroom(hno) |
| subject_id | varchar(50) | FOREIGN KEY → subject(sid) |
| 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]

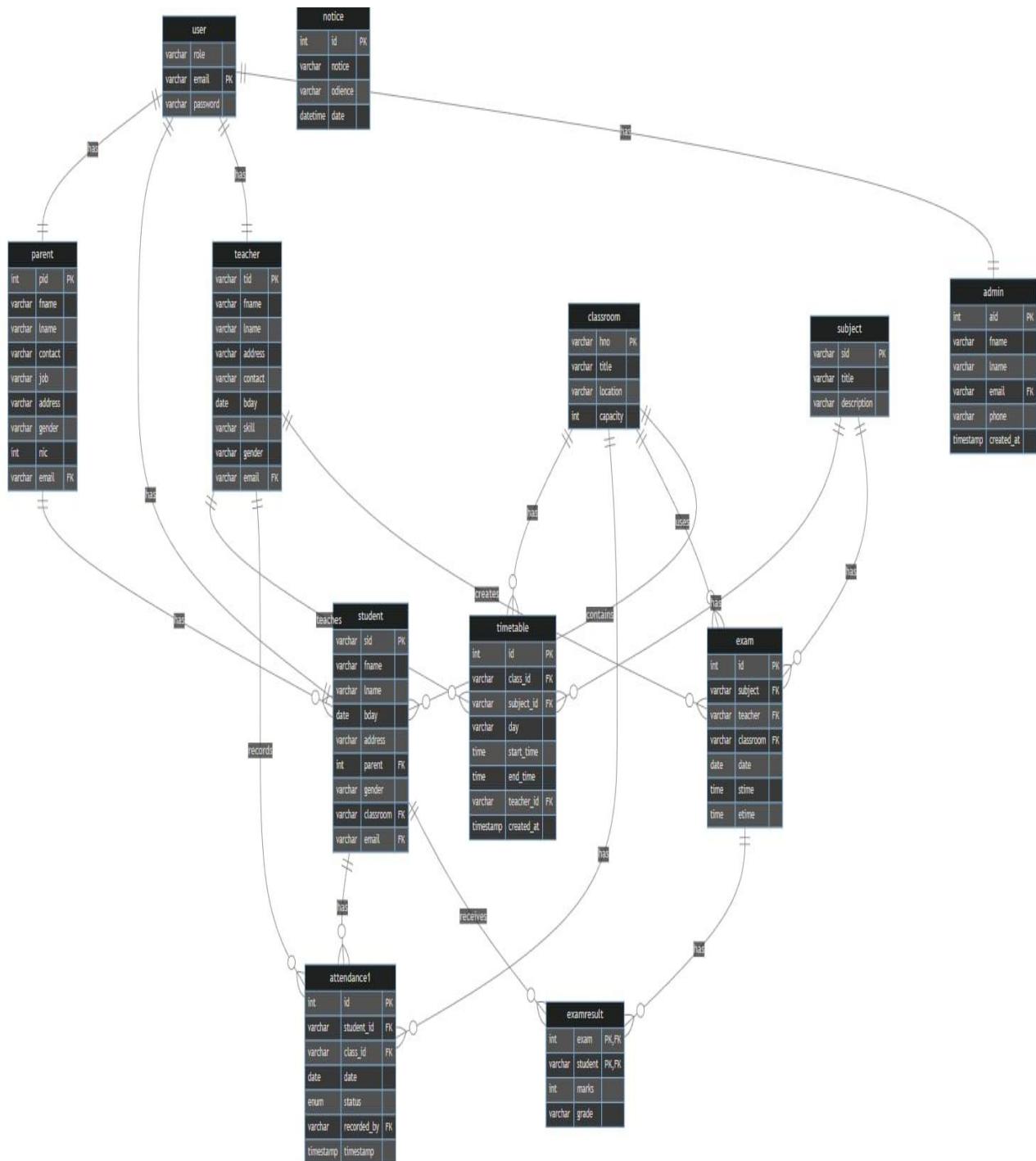
- 0 level DFD (context Diagram)



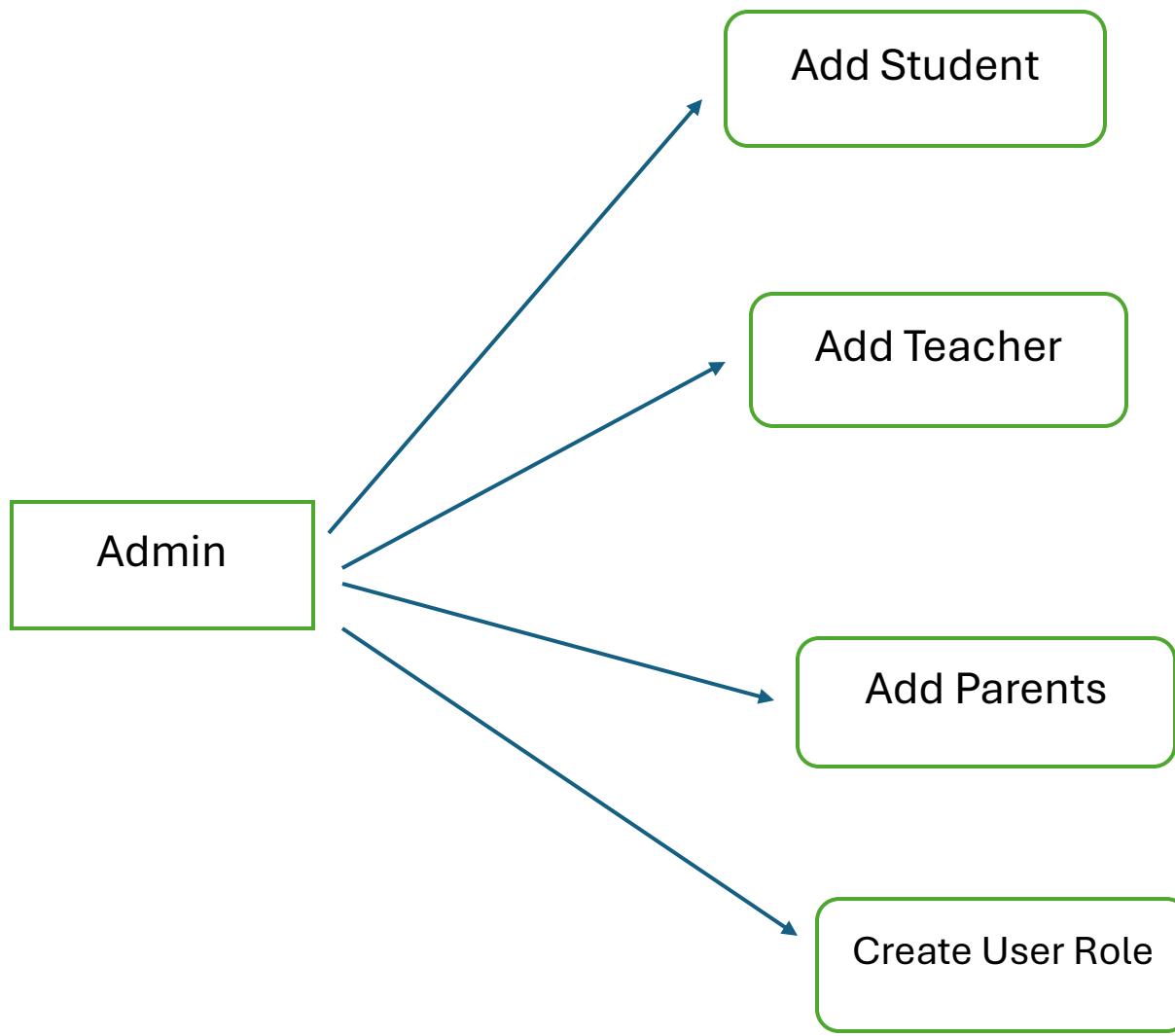
➤ 1 Level DFD



ERD [Entity Relationship Diagram]



Use case Diagram



Test Cases

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

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 |

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

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

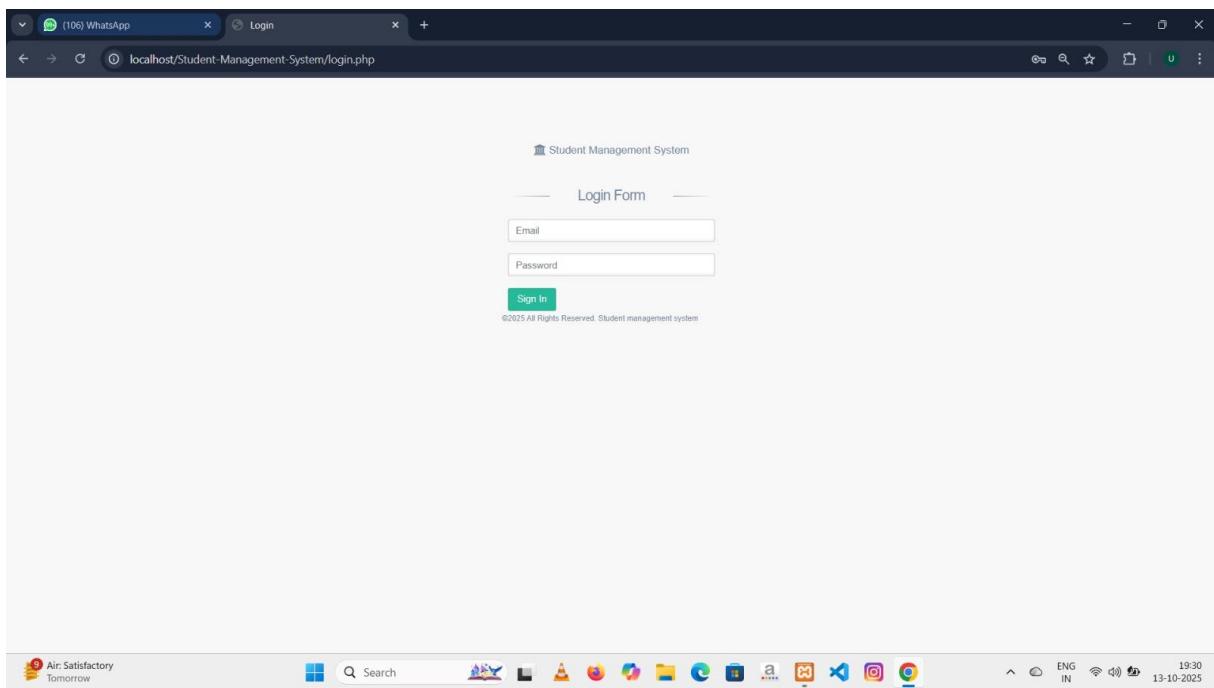
Parent

| 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 |

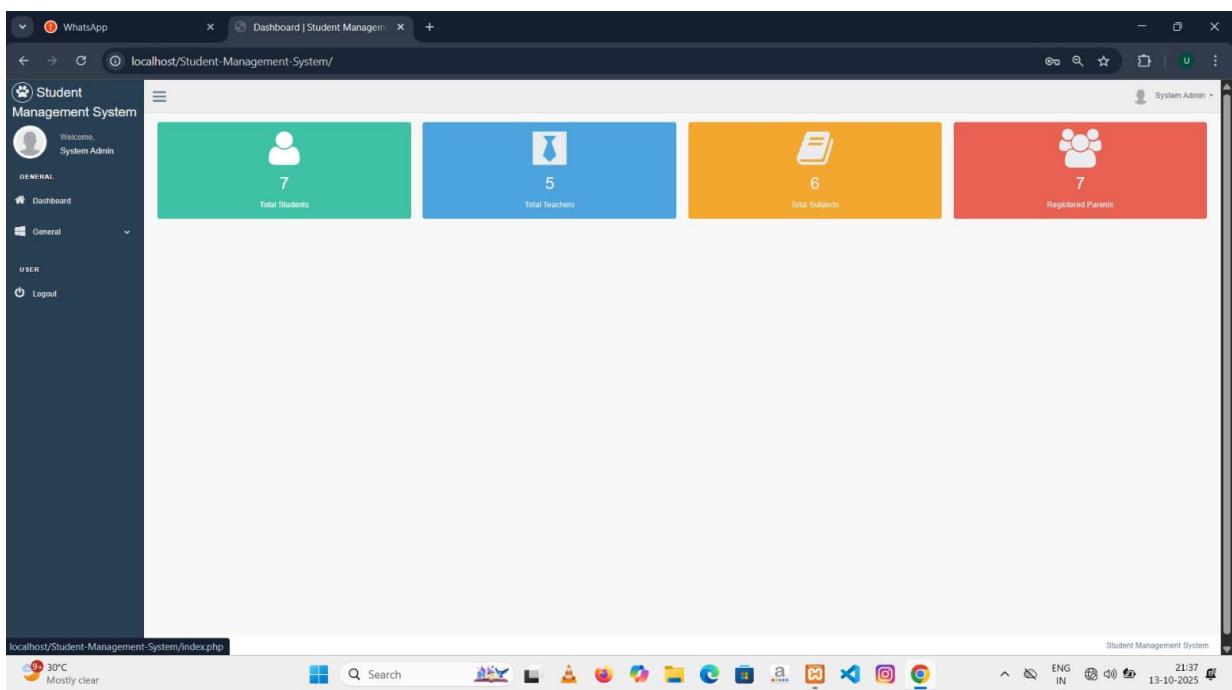
PROJECT REPORT

Snapshots

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 'General' (Dashboard, Add teacher, Add Parents, Add Student), 'User' (Logout), and 'System Admin'. The main content area has two sections: 'Add teacher' on the left and 'All Teachers' on the right.

Add teacher Form Fields:

- Teacher ID (input field)
- First Name (input field)
- Last Name (input field)
- Date of Birth (input field, dd-mm-yyyy format)
- Gender (radio buttons for Male and Female)
- Email (input field)
- Address (input field)
- Contact (input field)
- Skills (input field)

All Teachers Table:

| TID | Name | DOB | Gender | Address | Contact | Skills | Actions |
|-------|------------------|------------|--------|---------------------------|-------------|----------------|-------------------------|
| deep | Deep Haryani | 2000-10-16 | Male | maliyasan | 98565481696 | maths teacher | <button>Update</button> |
| ENG-2 | nitin trivedi | 1995-02-25 | Male | dhara , botad , gujarat | 9725689816 | english | <button>Update</button> |
| Hin-3 | rajni maheta | 1993-05-07 | Male | lathi , sahajanad society | 9889354589 | hind | <button>Update</button> |
| phy-1 | karadem sathvara | 1982-06-28 | Male | ahmedabad | 97925686860 | physics | <button>Update</button> |
| ss-2 | tushar sondagar | 2025-09-25 | Male | talaja boria | 9725689816 | social science | <button>Update</button> |

Showing 1 to 5 of 5 entries

- 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, there is a sidebar with a dark blue header 'Student Management System' and a profile picture. Below the header, the sidebar has sections for 'GENERAL' (Dashboard, Add Teacher, Add Parents, Add Student, Users) and 'UPCOMING EARNINGS'. The main content area has two parts: a 'Add parent' form on the left and a 'All parents' list on the right.

Add parent Form Fields:

- First Name: [Input Field]
- Last Name: [Input Field]
- Adhar card: [Input Field]
- Gender: Male Female
- Email: [Input Field]
- Address: [Input Field]
- Contact: [Input Field]
- Occupation: [Input Field]
- Add Parent** button

All parents List:

| Parent ID | Full Name | Adhar card | Gender | Address | Contact | Occupation | Students | Actions |
|-----------|----------------------|------------|--------|--------------------------------|------------|----------------|---------------------------|-----------------------------|
| 1 | rameshbhai sondagar | 2140083647 | Male | bora talaja bhavnagar | 9792568860 | brick work | Students: tushar sondagar | Update Delete |
| 2 | rameshbhai gondaliya | 2147483647 | Male | Laxminagar Society Dhamel Road | 9725688454 | bricks work | Students: Utam gondaliya | Update Delete |
| 7 | mukeshbhai ghoghari | 2147483647 | Male | amreli pratapara | 9394689513 | bricks work | Students: prince ghoghari | Update Delete |
| 8 | Bipinbhai Saranya | 2147483647 | Male | kharaveda , jannagar | 9654782135 | iron work | Students: Harshil Saranya | Update Delete |
| 9 | Raghavdas Hanyani | 2147483647 | Male | malyanjan , rajkot | 9532568814 | diamond worker | Students: Deep Hanyani | Update Delete |
| 10 | mahe什 narola | 66565556 | Male | sonnath | 956889846 | nil | Students: Prince narola | Update Delete |
| 11 | vikrambhai vadukar | 56981478 | Male | veraval | 985623147 | business owner | Students: Yug Vadukar | Update Delete |

Showing 1 to 7 of 7 entries

- 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

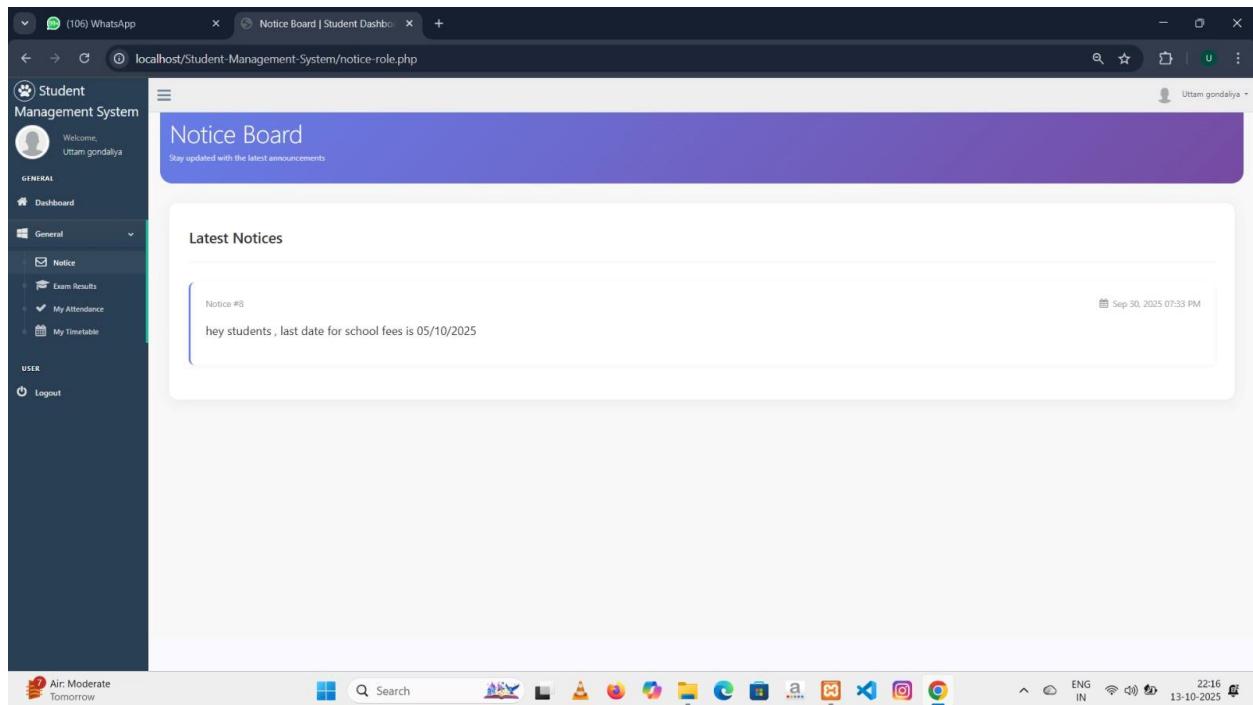
The screenshot shows a web-based application for managing user roles in a student management system. On the left, a dark sidebar menu includes 'Dashboard', 'General' (with 'Add teacher', 'Add Parents', 'Add Student'), 'Users' (selected), and 'Logout'. The main content area has two sections: 'Add user' on the left and 'All Users' on the right. The 'Add user' section contains fields for 'User' (Select Email dropdown), 'Password' (Enter Password input), and 'Permission Role' (Select Role dropdown). A blue 'Add Result' button is at the bottom. The 'All Users' section displays a table with columns: Email, Permission Role, and Action (Delete, Update). The table lists seven users with their respective roles and actions:

| Email | Permission Role | Action |
|----------------------------|-----------------|-------------------|
| admin@school.com | Admin | [Delete] [Update] |
| deepanya123@gmail.com | Teacher | [Delete] [Update] |
| gondaliyaravi746@gmail.com | Student | [Delete] [Update] |
| kardamsathvara17@gmail.com | Teacher | [Delete] [Update] |
| mukahghoghar123@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

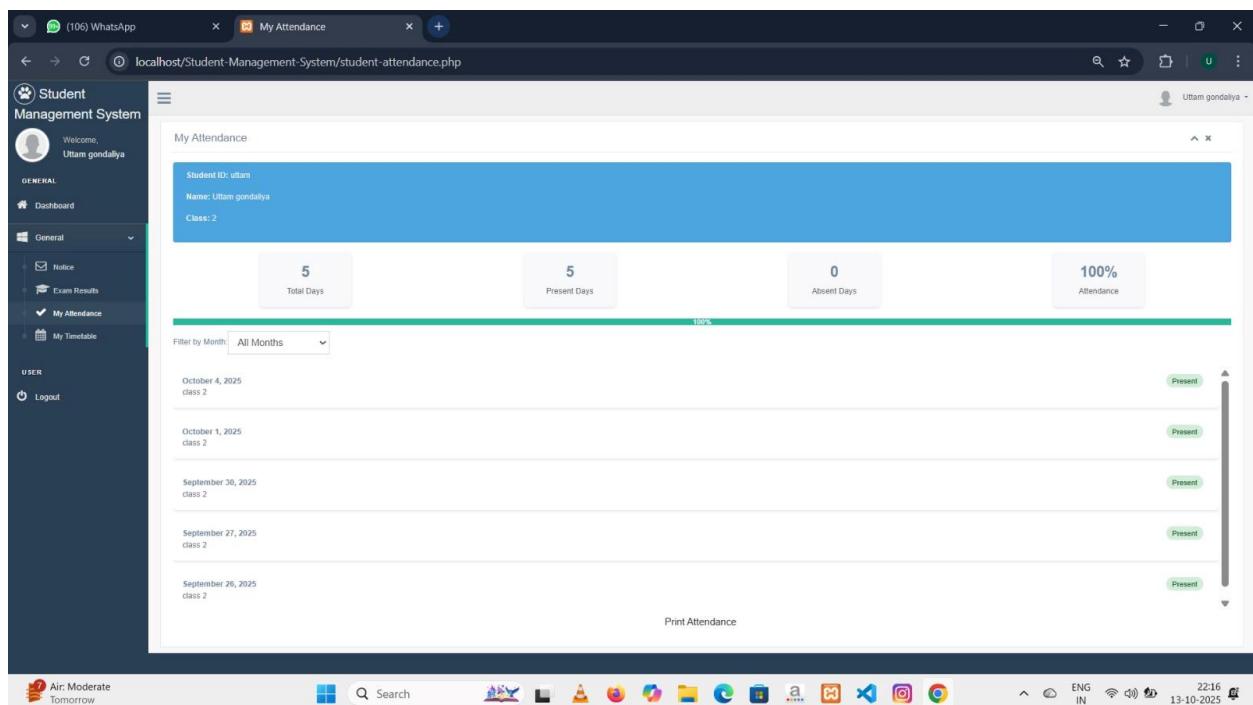
The screenshot shows a web browser window titled "localhost/Student-Management-System/examresults-stu.php". The left sidebar of the application is visible, showing navigation links for General (Dashboard, Notice, Exam Results, My Attendance, My Timetable), and User (Logout). The main content area is titled "All Exams" and shows a table with one entry:

| Exam ID | Student ID | Marks | Grade |
|---------|------------|-------|-------|
| 3 | uttam | 30 | B+ |

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

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

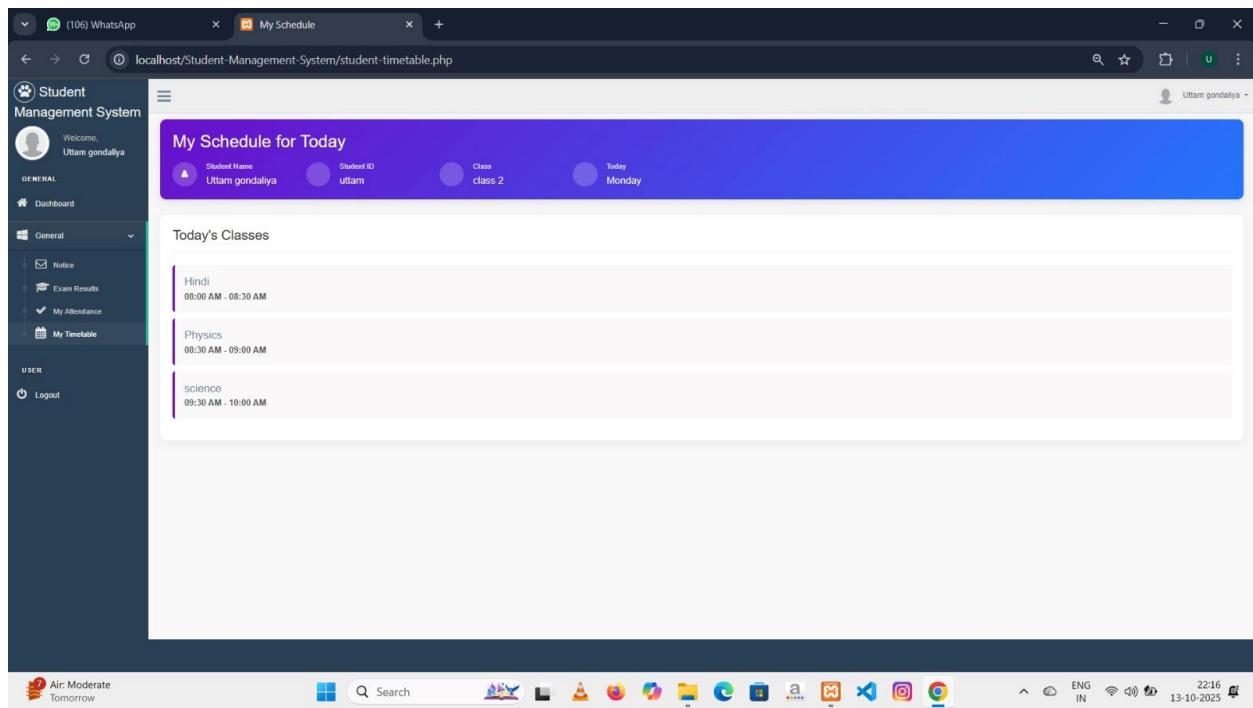
Student Attendance



- 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 .

PROJECT REPORT

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-based student management system interface. On the left, there is a dark sidebar with a user profile picture and the text "Welcome rameebhai gondaliya". Below this, under "GENERAL", are links for "Dashboard", "My child", "Notice", "Exam Results", and "Child Attendance". Under "USER", there is a "Logout" link. The main content area has a title "Your Children Details" and a sub-section "Student Management System". It includes buttons for "Copy", "CSV", "Excel", "PDF", and "Print". A dropdown menu "Show" is set to "10 entries". A search bar is present. A table displays one child's information:

| Student ID | Full Name | Date of Birth | Gender | Address | Classroom |
|------------|-----------------|---------------|--------|--------------------------------|-----------|
| uttam | Uttam gondaliya | 2006-09-29 | Male | Laxminagar Society Dhamel Road | 2 |

At the bottom of the page, the URL "localhost/Student-Management-System/student-par.php" is visible, along with a weather widget showing "25°C Clear", a taskbar with various icons, and a system tray with network and battery status.

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

PROJECT REPORT

Parent child result

The screenshot shows a web application interface for a 'Student Management System'. The left sidebar has a dark blue background with white text. It includes a user profile icon and the text 'Welcome, ramechbhai gondaliya'. Below this, under 'GENERAL', there are links for 'Dashboard', 'My child', 'Notice', 'Exam Results' (which is highlighted in green), and 'Child Attendance'. Under 'USER', there is a 'Logout' link. The main content area has a light gray background. At the top, it says 'All Exam Results' and 'Student Management System'. Below that are buttons for 'Copy', 'CSV', 'Excel', 'PDF', and 'Print'. A dropdown menu 'Show' is set to '10 entries'. A search bar is on the right. The main part is a table with columns 'Student ID', 'Full Name', and 'Action'. One row is shown: 'utam' in 'Student ID', 'Uttam gondaliya' in 'Full Name', and a 'View Results' button in 'Action'. At the bottom of the table, it says 'Showing 1 to 1 of 1 entries'. The browser's address bar at the bottom shows 'localhost/Student-Management-System/examresults-par.php'. The taskbar at the very bottom of the screen shows various icons for Windows 10, including Start, Search, File Explorer, and several pinned apps.

- 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, a dark sidebar menu includes 'Student Management System' with a user profile icon, '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: rameshbhai74@gmail.com

Uttam gondaliya
ID: uttam | Class: 2

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

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 Windows taskbar with various icons and system status indicators.

- 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, there is a sidebar with a user profile picture, the text "Welcome, karadam sathvra", and several menu items under "GENERAL" and "USER". The main content area has a header "Add subject" and a form with fields for "Subject ID" and "Subject Title". Below this is a section titled "Syllabus Details" which is currently empty. To the right, there is a table titled "All Subjects" showing a list of subjects with columns for "Subject ID", "Title", "Details", and "Action". The table contains the following data:

| Subject ID | Title | Details | Action |
|------------|----------------|-------------------------------|--------|
| ENG-28 | English | Full english syllabus | Update |
| Hi-27 | Hindi | Hindi full course | Update |
| maths-24 | maths | maths full syllabus | Update |
| phy-23 | Physics | physics syllabus | Update |
| sci-26 | science | full course of science | Update |
| ss-24 | social science | full course of social science | Update |

At the bottom of the page, there is a footer with various icons and the text "Student Management System".

- Teacher Can add subject from this page.

PROJECT REPORT

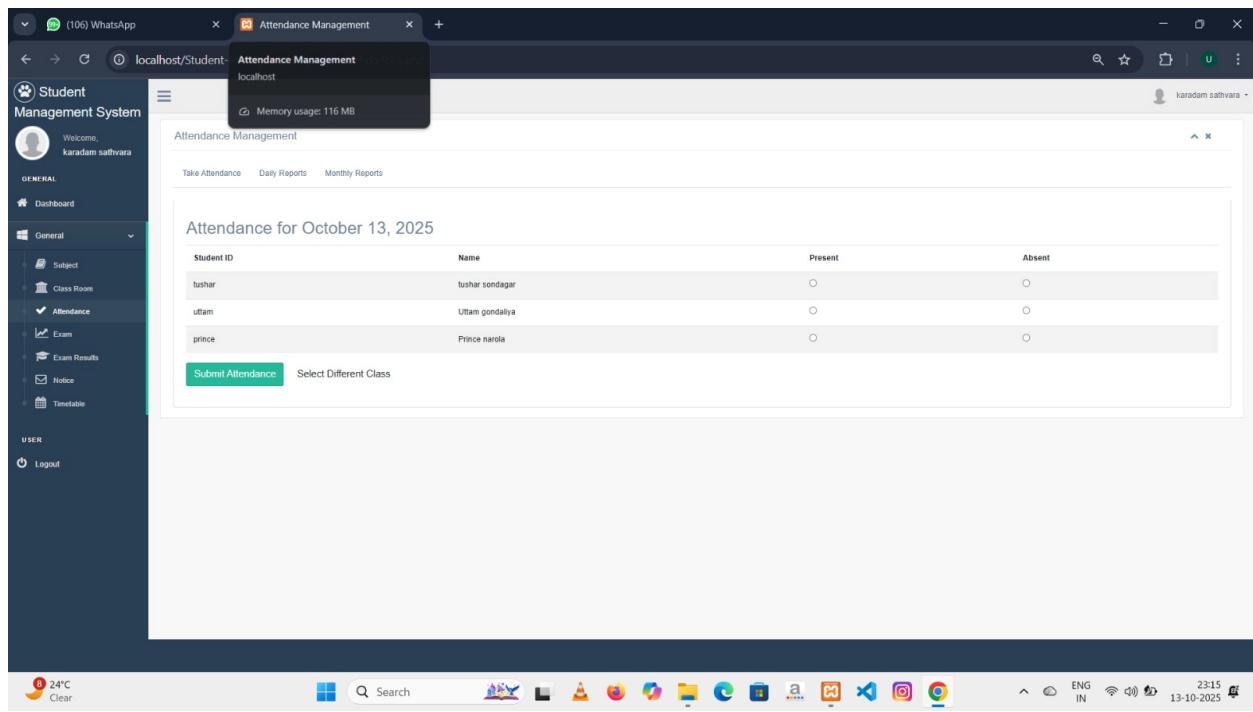
Teacher Class

The screenshot shows a web-based student management system. On the left, there is a dark sidebar with a user icon, the text "Welcome, karadam sathvra", and a navigation menu. The menu items include General, Dashboard, Subject, Class Room, Attendance, Exam, Exam Results, Notice, and Timetable. Below the menu are links for Logout and a weather widget showing 24°C and Clear. The main content area has a header "All Classrooms". It includes a toolbar with Copy, CSV, Excel, PDF, Print, and a dropdown for Show 10 entries. A search bar is also present. Below the toolbar is a table with columns: Class Room ID, Title, Location, and Capacity. The table contains 8 rows of data. At the bottom of the table, it says "Showing 1 to 8 of 8 entries" and has Previous and Next buttons. The footer of the page includes the text "Student Management System" and various system status icons.

| 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 |

- Teacher can add Classes from this page.

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. On the left is a dark sidebar with a user icon, the text "Student Management System", and a welcome message "Welcome, karadam sathvara". Below this are sections for "GENERAL" (Dashboard, Subject, Class Room, Attendance, Exam), "EXAM RESULTS", "NOTICE", and "TIMETABLE". At the bottom of the sidebar are "Print Report" and "Logout" buttons. The main content area has a header "Attendance Management" with tabs for "Take Attendance", "Daily Reports", and "Monthly Reports". A sub-header "Generate Monthly Report" is visible. The main section displays a "Monthly Attendance Report for September 2025". It shows a summary: "3 Total Students" and "88.89% Class Attendance". Below this is a table with student data:

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

At the bottom of the main content area is a "Print Report" button. The browser's address bar shows "localhost/Student-Management-System/attendance1.php". The taskbar at the bottom of the screen includes icons for WhatsApp, Search, File Explorer, VLC, Firefox, and others, along with system status indicators like battery level, signal strength, 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 user profile picture and the text "Welcome, karadam sathvra". Below this, under "GENERAL", are links for Dashboard, Subject, Class Room, Attendance, Exam (selected), Exam Results, Notice, and Timetable. Under "USER", there is a Logout link. The main content area has a header "Add exam" and a form with dropdown menus for "Subject" (Select Subject), "Exam Hall (Class Room)" (Select Class Room), and "Teacher in Charge" (Select Teacher). It also has input fields for "Date" (Select Exam date), "Start Time", and "End Time", followed by a "Add Exam" button. To the right, there is a table titled "All Exams" with the following data:

| Exam ID | Subject | Teacher In Charge | Location (Classroom) | Date | Start Time | End Time |
|---------|---------|-------------------|----------------------|------------|------------|----------|
| 3 | phy-23 | phy-1 | 2-B | 2006-06-20 | 10:00:00 | 11:00:00 |

At the bottom of the screen, there is a taskbar with various icons and a system tray showing the date and time as 13-10-2025.

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

PROJECT REPORT

Exam Result

The screenshot shows a web-based student management system interface. On the left, a sidebar menu includes options like Dashboard, General (Subjects, Class Room, Attendance, Exam, Exam Results, Notice, Timetable), and User (Logout). The main content area has two tabs: 'Add notice' (active) and 'All Notice'. The 'Add notice' tab contains fields for 'Notice' and 'Odience' (with a dropdown menu showing 'Select Odience') and a blue 'Add Notice' button. The 'All Notice' tab displays a table with one entry:

| Notice ID | Notice | Date and Time | Action |
|-----------|--|---------------------|-------------------------|
| 8 | hey students , last date for school fees is 05/10/2025 | 2025-09-30 19:33:28 | <button>Delete</button> |

At the bottom, the browser taskbar shows icons for WhatsApp, Dashboard, localhost/Student-Management-System/notice.php, and karadam sathvara. The system status bar indicates 24°C, Clear, ENG IN, 23:16, and 13-10-2025.

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

PROJECT REPORT

Timetable

The screenshot shows a web-based student management system. On the left, there's a sidebar with a logo and the text "Student Management System". It has a "GENERAL" section with "Dashboard", "Subject", "Class Room", "Attendance", "Exam", "Exam Results", "Notice", and "Timetable". Below that is a "USER" section with "Logout". The main content area has a header "Timetable Management". On the left, a form titled "Add Timetable Entry" asks for "Subject" (dropdown), "Day" (dropdown), "Start Time" (dropdown), and "End Time" (dropdown). It also has a "Delete" button and a "Select Different Class" link. To the right, a table titled "Timetable for class 2" shows a grid of subjects for five days. The grid is as follows:

| Time / Day | Monday | Tuesday | Wednesday | Thursday | Friday |
|----------------------|--|--|--|---|---|
| 08:00:00 08:30:00 | Hindi class 2 Delete | Physics class 2 Delete | English class 2 Delete | maths class 2 Delete | science class 2 Delete |
| 08:30:00 09:00:00 | Physics class 2 Delete | English class 2 Delete | maths class 2 Delete | science class 2 Delete | social science class 2 Delete |
| 09:30:00 10:00:00 | science class 2 Delete | Physics class 2 Delete | Hindi class 2 Delete | social science class 2 Delete | maths class 2 Delete |

At the bottom, there's a taskbar with icons for search, file explorer, and other applications, along with system status indicators like battery level and date/time.

- 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:

- Limited functionality is available.
- 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.