Roll No - S1821095   Date :

Title:- Mini project

- Implement mysql Database connectivity with PHP.
- Implement Database navigation operations (add, delete, update)

Theory:

Our Mini project for DBMS Lab is on "Student Attendance Management System". It is developed with frontend of HTML, CSS, Javascript & Backend with PHP Database used is MySQL

We have used remotemysql.com server for hosting the database whereas it can also be run locally on Xampp or wamp servers.
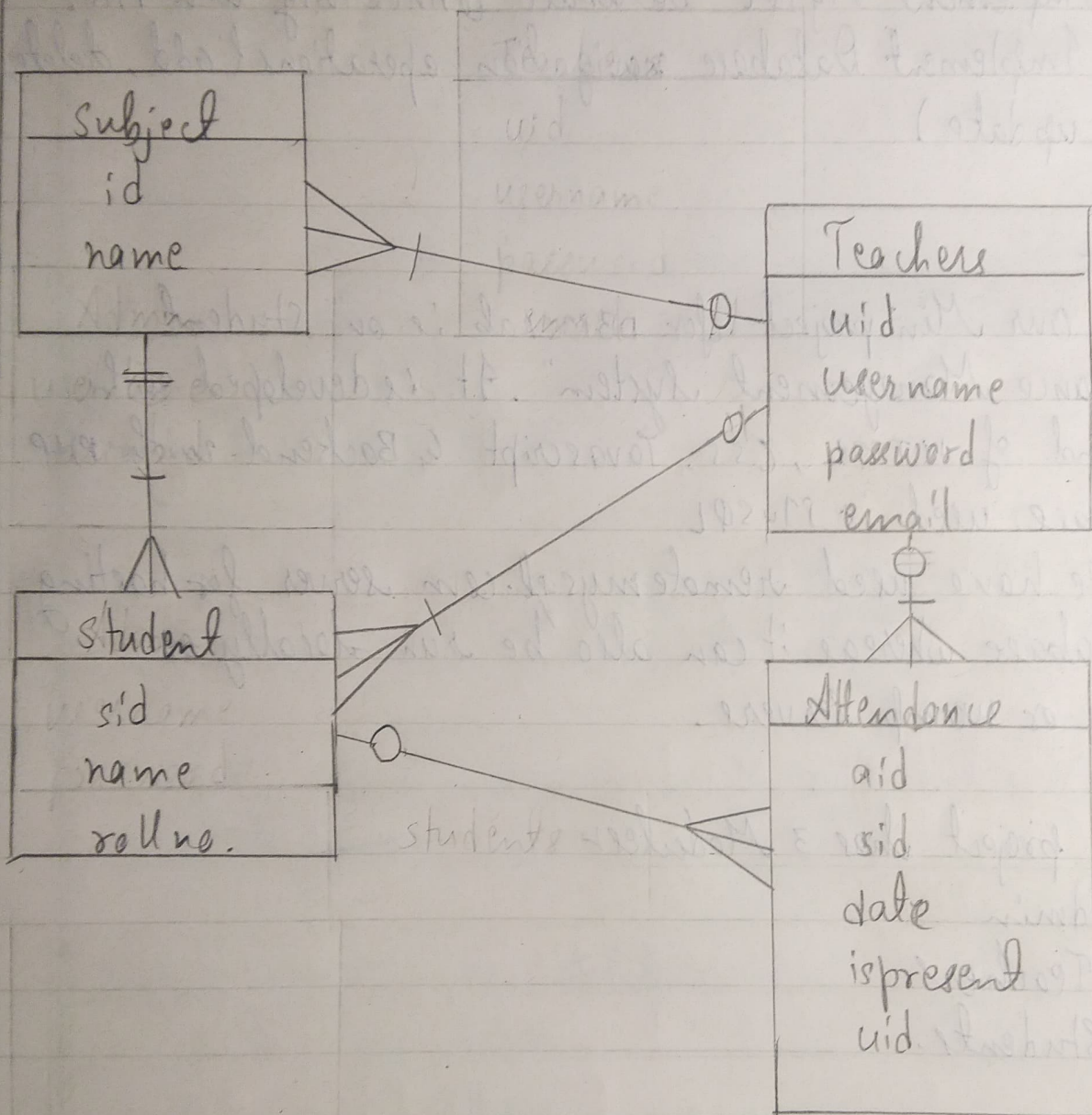
Our project has 3 Modules:-
① Admin
② Teachers
③ Students.

The Admin :-

The Admin is having all the rights in the System.

Entity Relationship Diagram
for "Student Attendance Management System".

Subject
- id
- name

Teachers
- uid
- username
- password
- email

Student
- sid
- name
- rollno.

Attendance
- aid
- sid
- date
- ispresent
- uid

1. Add Teachers
2. Add Students
3. Modify Teachers & Students
4. View Attendance
5. Add & Modify Subjects

Teachers

The teachers has the access to add, modify student attendance of any perticular subject of which is assigned to it

Students

The students only has right to view attendance of all the subjects allotted to him/her.

only Admin has access to edit, delete & modify students, teachers info.

Tables used in sql database :-
1. teachers table
2. student table
3. subject table
4. Attendance table.

① Teacher tabler

The table has 4 columns namely "uid", "username", "password", "email" where "uid" is a primary key with auto increment.

② student tabler-

The student table has 3 columns namely "sid", "name", "rollno" where "sid" is a primary key with auto increment.

③ Attendance tabler

The Attendance table has 5 columns namely "aid", "sid", "date", "ispresent", "uid" where "aid" is a primary key with auto increment.

④ subject tabler

The Subject table has 2 columns namely "id", "name" where "id" is a primary key with auto increment.

Joins used:

In this system their are 2 Joins used.
① Teacher & Subject
② student & subject.

1) Teachers & Subject :-

This two tables are Joined using full inner joins. such that each teacher has access to a perticular Subject.

2) Student & Subject :-

This two tables are Joined using full inner joins.

Importance of Attendance Management System :-

1) This system will provide a efficient way to manage attendance of all the students.

2) It's efficient & reliable than any kind of manual attendance System.

Conclusion :-

We have successfully implemented our mini project on "Student Attendance Management System using PHP & MySQL.

Student Attendance Management System

Teacher's Section

Username

Username

Password

Password

Sign in

Student's Section

Roll No.

Roll No.

GO

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LOGIN PAGE

Student Attendance Management System

Pending Attendance

Class **TOC** of **10/12/2020** Mark Attendance Now!

Class **TOC** of **09/12/2020** Attendance Recoreded

Class **TOC** of **08/12/2020** Attendance Recoreded

Class **TOC** of **07/12/2020** Mark Attendance Now!

Class **TOC** of **04/12/2020** Attendance Recoreded

Today's Attendance

Class **TOC** of **Today's** (11/12/2020) Attendance Recoreded

You have

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TEACHERS SECTION DASHBOARD PAGE

Student Attendance Management System

Take Attendance

Subject: [TOC ∨] Date: [10-12-2020 📅] [Load Student]

[Save Attendance]

Roll No	Name	☐ isPresent
081	Mihir Lotiya	☑
082	Megha Pal	☐
083	Sanket Mense	☑
084	Akshay Khodade	☑
085	Ankesh Mahagaonkar	☑
086	Tejas Nagargoje	☑

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TEACHERS SECTION TAKE ATTENDANCE PAGE

Student Attendance Management System

Your Subjects and Students

Subjects

TOC,

Students

Roll No	Name
081	Mihir Lotiya
082	Megha Pal
083	Sanket Mense
084	Akshay Khodade
085	Ankesh Mahagaonkar
086	Tejas Nagargoje
088	Ashish Kumar
089	Karan Gandhi
090	Rohit Deore
091	Dhairyashil Potbhare

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TEACHERS SECTION LIST OF STUDENTS PAGE

Reports

Subject: TOC ⌄ From: 01-12-2020 📅 To: 11-12-2020 📅 [Load Student]

Roll No	Name	01-12-2020	02-12-2020	03-12-2020	04-12-2020	07-12-2020	08-12-2020	09-12-2020	10-12-2020	11-12-2020	Present/Total	Precentage
081	Mihir Lotiya	Present	TakeAttendance	Present	Present	TakeAttendance	Present	Absent	TakeAttendance	Present	5/6	83.33 %
082	Megha Pal	Absent	TakeAttendance	Present	Present	TakeAttendance	Present	Present	TakeAttendance	Present	5/6	83.33 %
083	Sanket Mense	Present	TakeAttendance	Present	Present	TakeAttendance	Present	Absent	TakeAttendance	Present	5/6	83.33 %
084	Akshay Khodade	Present	TakeAttendance	Present	Present	TakeAttendance	Present	Present	TakeAttendance	Present	6/6	100 %
085	Ankesh Mahagaonkar	Present	TakeAttendance	Present	Present	TakeAttendance	Present	Absent	TakeAttendance	Present	5/6	83.33 %
086	Tejas Nagargoje	TakeAttendance	TakeAttendance	Present	Present	TakeAttendance	Present	Absent	TakeAttendance	Present	4/5	80 %
088	Ashish Kumar	TakeAttendance	TakeAttendance	Present	Present	TakeAttendance	Present	Present	TakeAttendance	Present	5/5	100 %
089	Karan Gandhi	TakeAttendance	TakeAttendance	Present	Present	TakeAttendance	Present	Absent	TakeAttendance	Present	4/5	80 %

TEACHERS SECTION REPORTS PAGE

Mohit Khedkar (095) 'S Attendance

Subject	18-03-2017	05-11-2020	26-11-2020	01-12-2020	02-12-2020	03-12-2020	04-12-2020	07-12-2020	08-12-2020	09-12-2020	11-12-2020	Total	%
TOC	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Present	Present	Not Taken	Present	Present	Absent	4/5	80 %
ISEE	Not Taken	Not Taken	Not Taken	Not Taken	Present	Not Taken	Not Taken	Present	Not Taken	Not Taken	Not Taken	2/2	100 %
CN	Not Taken	Not Taken	Not Taken	Not Taken	Present	Not Taken	Not Taken	Present	Not Taken	Present		3/3	100 %
DBMS	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Present	Not Taken	Present	Present	3/3	100 %
SEPM	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	0/0	0 %

Summary Of Attendance

Present Days out of Working Days: **12/13**

Attendance Percentage: **92.307692307692 %**

STUDENTS SECTION PAGE