

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



PROJECT WORK-2 REPORT on

FACULTY WEEKLY REPORT SUBMISSION SYSTEM **Submitted by**

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Under the Guidance of
Dr Rajeshwari B S
Assistant Professor, BMSCE

In Partial Fulfillment For The Award Of The Degree Of
BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING



B.M.S. COLLEGE OF ENGINEERING
(Autonomous Institution under VTU)
BENGALURU-560019
May-2022 to Oct-2022

B. M. S. College of Engineering
Bull Temple Road, Bangalore 560019
(Affiliated To Visvesvaraya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled “Faculty Weekly Report Submission System” carried out by Chirag Mahaveer Chivate (1BM20CS200), Lestyn Calix Moras (1BM20CS206), Manasa Danda Anilkumar (1BM20CS207) and Pranav Madhukumar Nair (1BM20CS211) who are bonafide students of B. M. S. College of Engineering. It is in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visveswaraya Technological University, Belgaum during the year 2021-2022. The project report has been approved as it satisfies the academic requirements in respect of Project Work-1 (19CS3PWPW1) work prescribed for the said degree.

Signature of the Guide

Dr. Rajeshwari B S
Assistant Professor
BMSCE, Bengaluru

Signature of the HOD

Dr. Jyothi S Nayak
Prof. & Head of Dept. of CSE
BMSCE, Bengaluru

External Viva

Name of the Examiner

Signature with date

1. _____

2. _____

B.M.S. COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DECLARATION

We, Chirag Mahaveer Chivate (1BM20CS200), Lestyn Calix Moras (1BM20CS206), Manasa Danda Anilkumar (1BM20CS207) and Pranav Madhukumar Nair (1BM20CS211) , students of 3rd Semester, B.E, Department of Computer Science and Engineering, B. M. S. College of Engineering, Bangalore, here by declare that, this Project Work entitled " Faculty Weekly Report Submission System " has been carried out by us under the guidance of Dr Rajeshwari B S, Assistant Professor, Department of CSE, B. M. S. College of Engineering, Bangalore during the academic semester May-2022-Oct-2022.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature:

Chirag Mahaveer Chivate (1BM20CS200)

Lestyn Calix Moras (1BM20CS206)

Manasa Danda Anilkumar (1BM20CS207)

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1. INTRODUCTION

Website development for “Faculty Weekly Report Submission System” to facilitate the day to day activities of the college faculties by digitally storing the attendance of the students, marks of each subject, time table of each class and much more which firstly organizes the work of the faculty and secondly reduces a lot of paperwork as we are entering into a digital era.

1.1 ABOUT THE WEBSITE

This Website system is for faculties of BMS College of Engineering.

Our website allows faculties to update their profiles and keep a track of the activities that happen throughout the week in their respective classes.

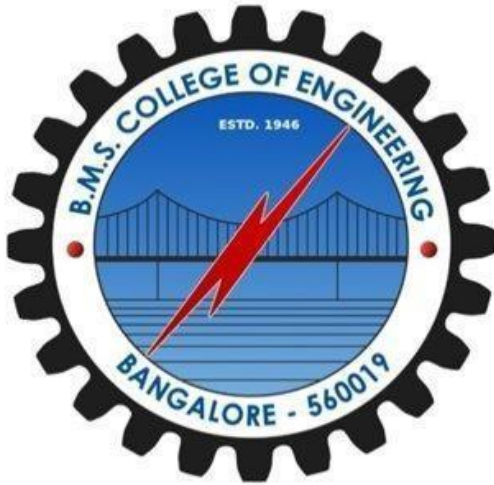
The website includes reports submitted by the faculty on attendance, course progress and-so-forth.

1.2. ABOUT THE PROJECT

Due to the pandemic, there was a sudden switch from in-person to digital era. Our website provides a platform for the faculty to assess the weekly progress of the students. Our website makes it easier for the faculty to maintain records as maintaining them physically is a tedious job.

1.3 Functionalities

Login Page



LOGIN

User Name :

Password :

Login

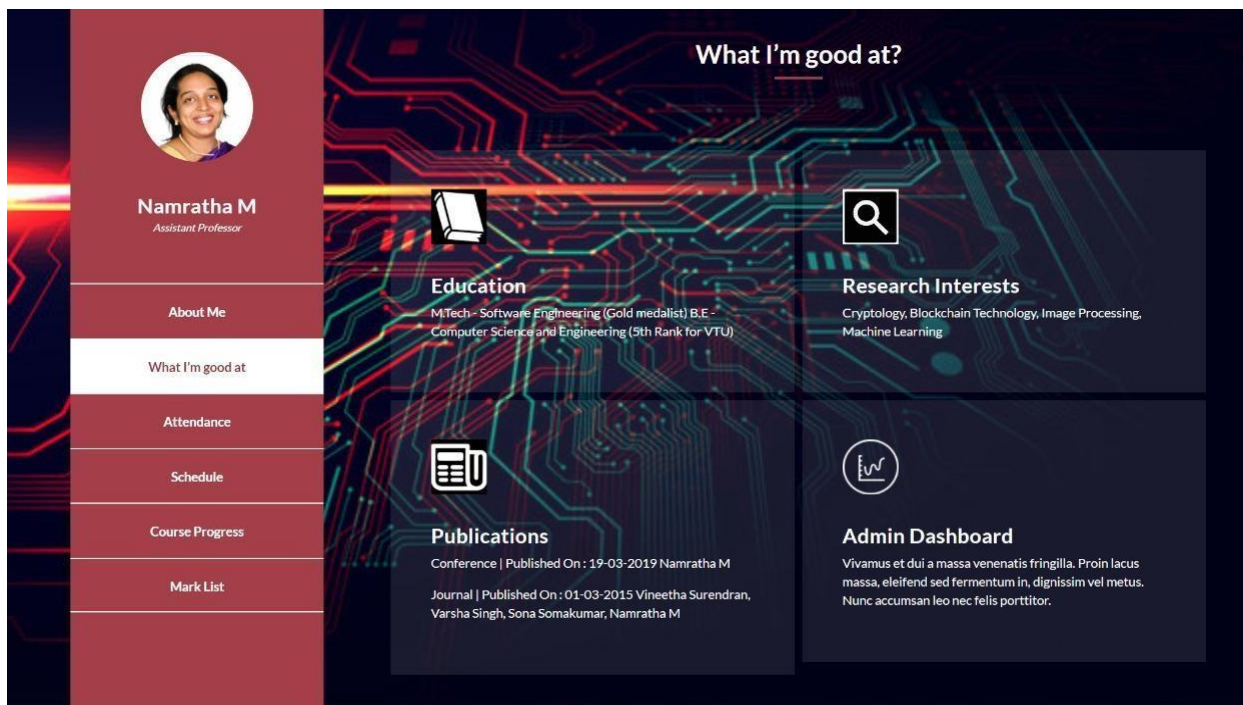
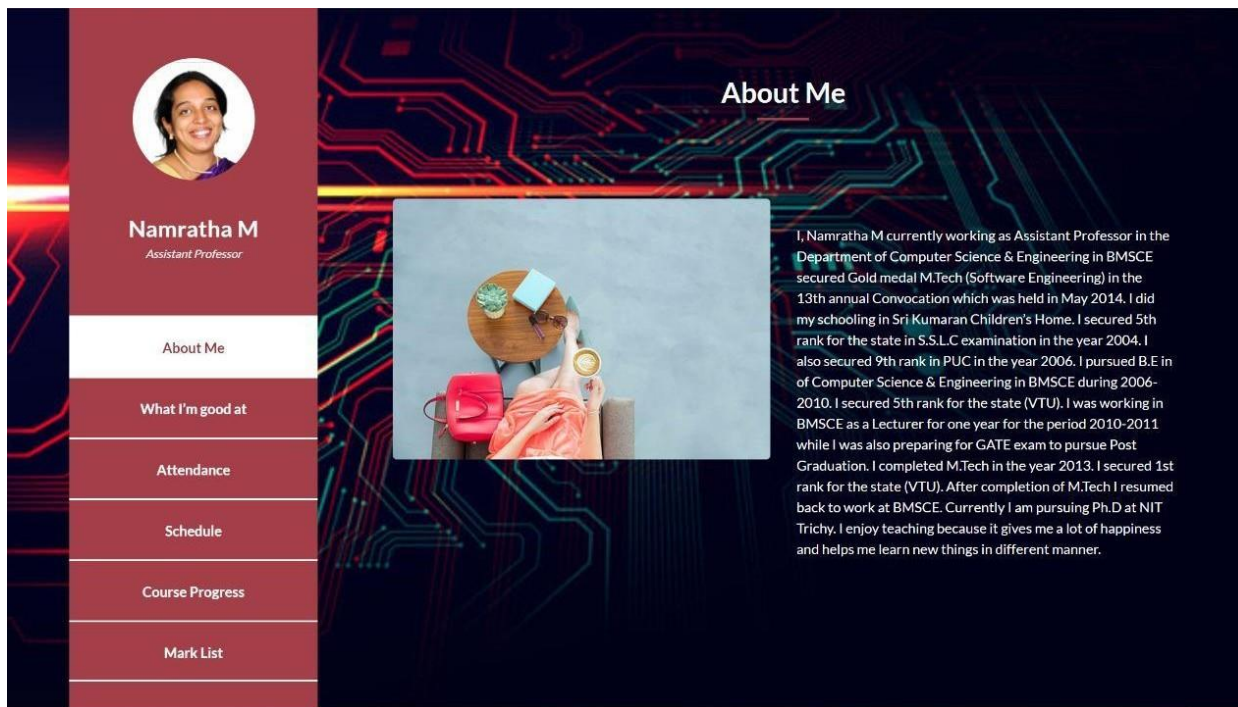
Note : For this demo use following format:
User Name : 'name'
Password : 'name'123

The user will have to provide proper email and password. Which has been previously stored in a registered database. Upon doing so they'll be redirected to the faculty home page.

Home Page for faculty

1. About me
2. What I'm good at
3. Attendance
4. Schedule
5. Course progress
6. Mark sheet

1.3.1) Home page:



The home page starts with the introduction of the faculty. It is designed for the user to be familiarized with the faculty and then displays the research interests and publications of the faculty.

1.3.2) Attendance

Attendance

Add Student

View All

Date: 2022-08-12

| S/L | Student Name | Student Roll | Attendance |
|-----|-------------------------|--------------|---|
| 1 | Lestyn Calix Moras | 1 | <input type="radio"/> P <input type="radio"/> A |
| 2 | Chirag Mahaveer Chivate | 2 | <input type="radio"/> P <input type="radio"/> A |
| 3 | Pranav Madhukumar Nair | 3 | <input type="radio"/> P <input type="radio"/> A |
| 4 | Manasa Anil | 4 | <input type="radio"/> P <input type="radio"/> A |
| 5 | Raghav Bharadwaj | 5 | <input type="radio"/> P <input type="radio"/> A |
| 6 | Sara Rehman | 6 | <input type="radio"/> P <input type="radio"/> A |
| 7 | Afraah Mahmud | 7 | <input type="radio"/> P <input type="radio"/> A |

Submit

Keeps track of the attendance record of the students from respective sections alongside their names, roll number and stores them in a database. Which can be updated at will.

1.3.3) Schedule

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|---------------|------------|------------|-----------|------------|------------|------------|--------|
| 9:00 - 9:50 | CA SECTION | | | | | CB SECTION | |
| 9:50 - 10:45 | | | | | CA SECTION | | |
| 11:15 - 12:10 | | CA SECTION | | CB SECTION | | | |
| 12:10 - 13:00 | | | | | | | |
| 14:00 - 15:00 | | CB SECTION | | | | | |
| 15:00 - 15:45 | | | | | | | |

Displays the weekly schedule of the faculty for the week with days and time.

1.3.4) Course Progress

SYLLUBUS COMPLETION UPLOAD

Unit – 1: 8086 MP

| REGISTERS | FLAGS | ADDRESSING | ASSEMBLER |
|-------------|-------------|-------------|-------------|
| Upload File | Upload File | Upload File | Upload File |

DATA STRUCTURES SYLLUBUS

Class C-A:

| UNIT-1 : 8086 MP | UNIT-2 : MACHINE CONTROL | UNIT-3 : MICROCONTROLLER | UNIT-4 : 8051 INSTRUCTIONS |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| (Unit topics..) | (Unit topics..) | (Unit topics..) | (Unit topics..) |

Class C-B:

| UNIT-1 : 8086 MP | UNIT-2 : MACHINE CONTROL | UNIT-3 : MICRO-CONTROLLER | UNIT-4 : 8051 INSTRUCTIONS |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| (Unit topics..) | (Unit topics..) | (Unit topics..) | (Unit topics..) |

The course progress displays the progress of units that are completed and the weekly target of the faculty for the completion of their respective portions.

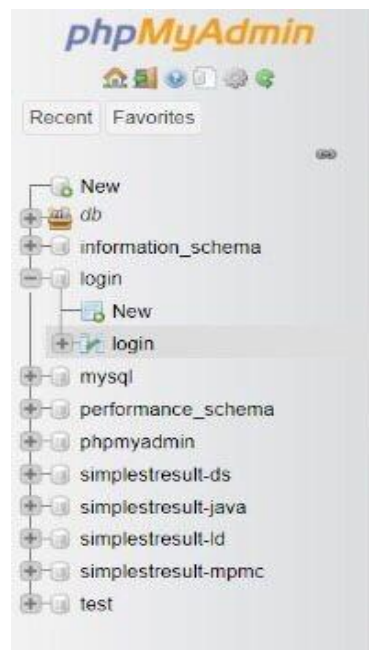
1.3.5) Marks List

| S.N | Subjects | Obtained Marks |
|-----|-----------------------------|----------------|
| 1 | Cie 1 | 55 / 100 |
| 2 | Cie 2 | 88 / 100 |
| 3 | Cie 3 | 98 / 100 |
| 4 | SEE 1 | 99 / 100 |
| 5 | SEE 2 | 87 / 100 |
| # | Total Marks Obtained | 427 / 500 |
| | Percentage | 85.4% |
| | Student's Name | Chirag |
| | Class | Seven |
| | Roll | 33 |

Print Result

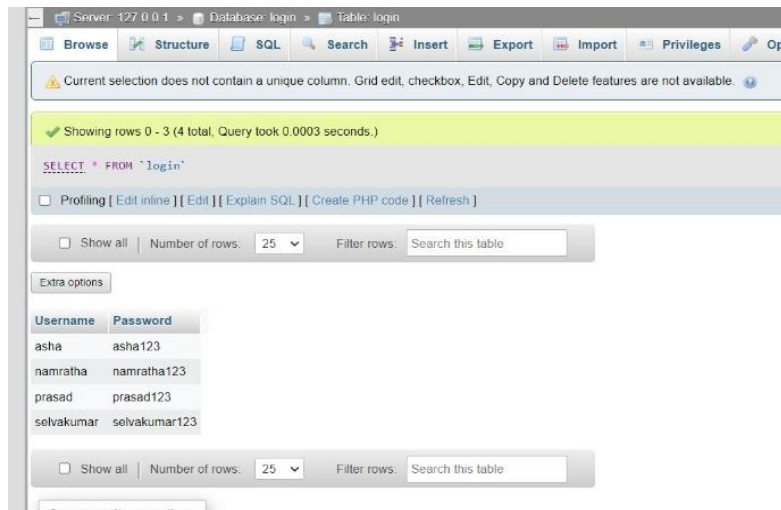
This page provides the information regarding the marks scored by the students of each class in different examinations. And is stored in a secure database.

1.3.6) Databases Used



These are the list of all the databases we have used in our project in phpMyAdmin.

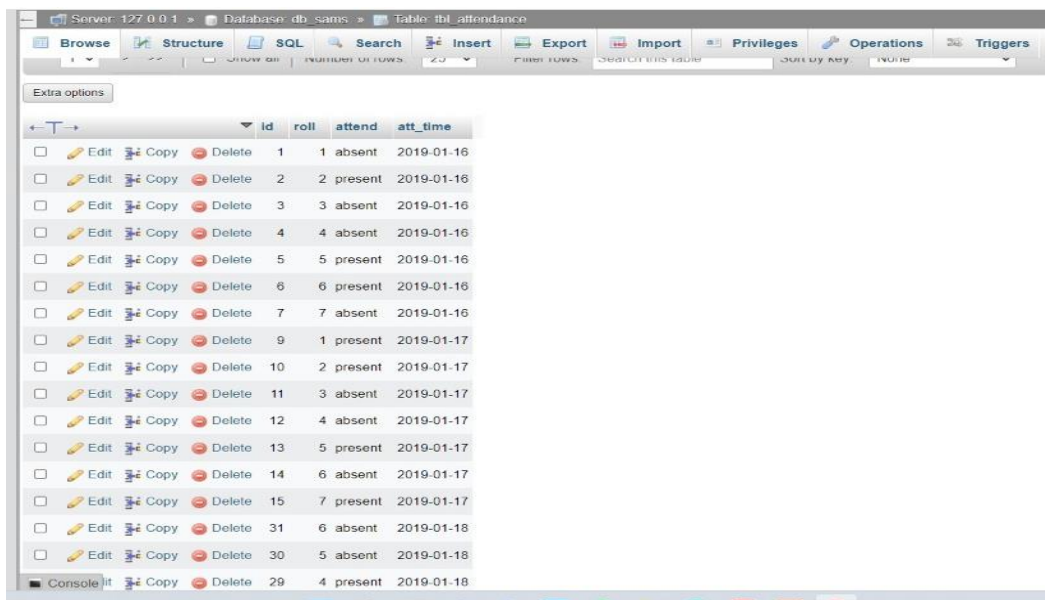
Login: This is the login database which we use to authenticate the login page.



The screenshot shows the phpMyAdmin interface for the 'login' table. The table has two columns: 'Username' and 'Password'. The data is as follows:

| Username | Password |
|------------|---------------|
| asha | asha123 |
| namratha | namratha123 |
| prasad | prasad123 |
| solvakumar | solvakumar123 |

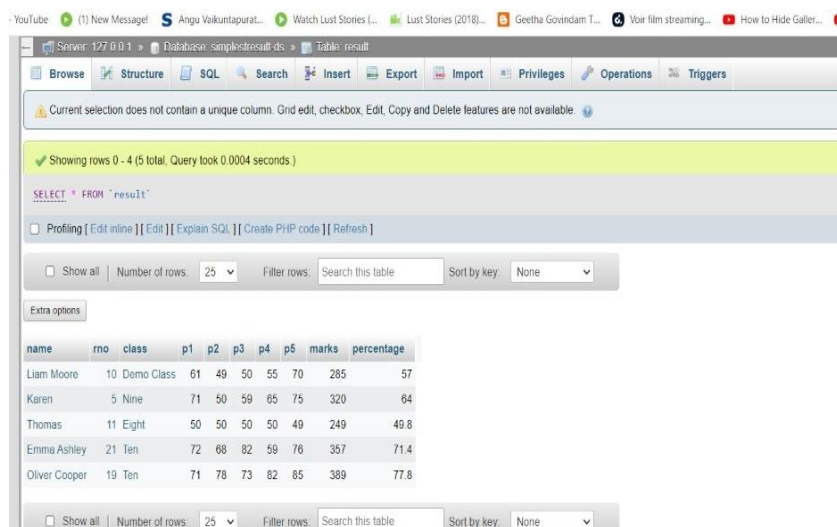
Attendance: We use this to safely store and update the attendance of each student.



The screenshot shows the phpMyAdmin interface for the 'tbl_attendance' table. The table has four columns: 'id', 'roll', 'attend', and 'att_time'. The data is as follows:

| id | roll | attend | att_time |
|----|------|---------|------------|
| 1 | 1 | absent | 2019-01-16 |
| 2 | 2 | present | 2019-01-16 |
| 3 | 3 | absent | 2019-01-16 |
| 4 | 4 | absent | 2019-01-16 |
| 5 | 5 | present | 2019-01-16 |
| 6 | 6 | present | 2019-01-16 |
| 7 | 7 | absent | 2019-01-16 |
| 9 | 1 | present | 2019-01-17 |
| 10 | 2 | present | 2019-01-17 |
| 11 | 3 | absent | 2019-01-17 |
| 12 | 4 | absent | 2019-01-17 |
| 13 | 5 | present | 2019-01-17 |
| 14 | 6 | absent | 2019-01-17 |
| 15 | 7 | present | 2019-01-17 |
| 31 | 6 | absent | 2019-01-18 |
| 30 | 5 | absent | 2019-01-18 |
| 29 | 4 | present | 2019-01-18 |

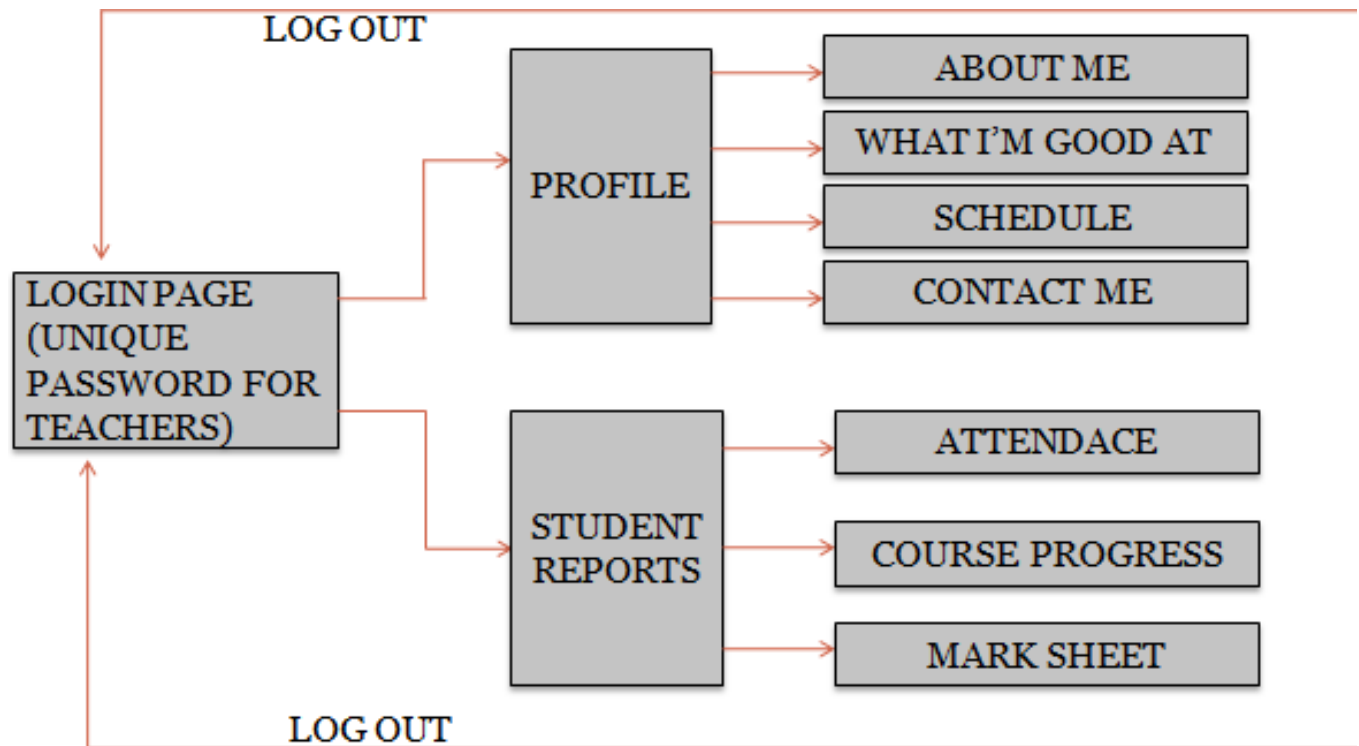
Marksheet: This is a database which is used to store the marks of each student.



The screenshot shows the phpMyAdmin interface for the 'result' table. The table has nine columns: 'name', 'rno', 'class', 'p1', 'p2', 'p3', 'p4', 'p5', 'marks', and 'percentage'. The data is as follows:

| name | rno | class | p1 | p2 | p3 | p4 | p5 | marks | percentage |
|---------------|-----|------------|----|----|----|----|----|-------|------------|
| Liam Moore | 10 | Demo Class | 61 | 49 | 50 | 55 | 70 | 285 | 57 |
| Karen | 5 | Nine | 71 | 50 | 59 | 65 | 75 | 320 | 64 |
| Thomas | 11 | Eight | 50 | 50 | 50 | 50 | 49 | 249 | 49.8 |
| Emma Ashley | 21 | Ten | 72 | 68 | 82 | 59 | 76 | 357 | 71.4 |
| Oliver Cooper | 19 | Ten | 71 | 78 | 73 | 82 | 85 | 389 | 77.8 |

2. PROJECT LAYOUT



Firstly, we start with the login page in which the validation of our login help each faculty to direct them to their personalized profile which provides them with option to store attendance, marks, time table and courses completed.

3. FUTURE ENHANCEMENTS

Project can be updated in near future as and when requirement for the same arises, as it is very flexible in terms of expansion. A lot of more ideas and work can be implemented in the project in near future.

4. IMPORTANCE

This helps the administration in many ways. Firstly it tracks the real-time attendance of every faculty. Secondly, it maintains transparency and ensures that the data cannot be hampered. Lastly, it generates precise reports about the same in an instant. Thirdly, faculty Management helps the faculty to communicate easily with students, to give students access to class documents, and for the convenience and transparency of the online grade book. Lastly, we are using databases to store registered usernames and passwords, along with different databases for marksheet and attendance.

5. CONCLUSION

In all, the faculty management system is bringing a great difference in the lives of students, teachers, parents, and the admin. Good management offers better productivity and hence more progress towards development.

6. References

- <https://search.yahoo.com/search?fr=mcafee&type=E211US826G0&p=w3schools>
- <https://developer.mozilla.org/en-US/docs/Web/CSS/Tutorials>
- <https://www.codecademy.com/learn/introduction-to-javascript>
- <https://www.tutorialspoint.com/javascript/index.htm>
- https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/HTML_basics
- <https://www.html.am/html-codes/>

