

S.S.V.P.S's B. S. Deore Polytechnic, Dhule
Academic Year : 2022 – 2023
Department of Computer Engineering
(0059)

A seminar on **Capstone Project Execution (CPE-22060)**

Topic	Student Attendance Management System	
Presented by	1.Badgujar Mohit Hemant	
	2.Bhat Atharva Yogesh	
	3.Deore Samarthya Ravindra	
	4.Makhija Dhruv Harish	
Guided by	Mr. C.P.Bhamare	
Semester	Sixth (I Scheme)	Date :

Content

1. Abstract
2. Introduction (background of the industry or used based problem / task)
3. Literature Survey
4. Scope of the project
5. Methodology
6. Details of designs, working and processes
7. Results and applications
8. Conclusion and future scope
9. References and Bibliography

1.Abstarct

- In this system the teacher can track and monitor individual student's Practical and Theory attendance, term work submission report(Practical and Assessment checked).
- In this system, the teacher evaluates the practical and microproject submissions of students by selecting the checkbox.
- In this system the attendance is taken by selecting the lecture/practical slot on timetable and then the attendance of that particular lecture/practical is done.

2.Introduction

- Taking attendance every day helps determine the average percentage of student's presence throughout the year and the dropouts rate.
- In traditional attendance system is a manual entry for the Faculty. Here the attendance will be carried out in the hand written registers. Maintaining the records for the Faculty is a tedious job.
- The objective of our proposed system is to create attendance system in which the faculty and student both will be aware of their attendance and jobs done by them.

3.Literature Survey

3.1 Study of existing system

- In our college attendance is taken by calling roll no. and fills up the presenty in the muster table, which is time consuming.
- Assignment details are managed by filling up the submission muster which make it hard to gather the details.
- The marks of the conducted class test's are filled up in the muster, which may consume time and also makes hard to access the marks when needed .
- Creating the submission report can be a time-consuming and tiring task for students, as they are required to collect faculty signatures for approval.

3.1 Study of existing system

		Subject name	Subject name	Subject name	Subject name
Rollno.	Name	Attendance	Attendance	Attendance	Attendance
1	ANSARI MOHAMMAD AIMAN NASIR HUSAIN	P	P	P	P
2	ANSARI OBAIDURRAHMAN MOHAMMAD IRFAN	P	P	P	A
3	BADGUJAR MOHIT HEMANT	P	A	A	P
4	BHAMARE KAVERI DIPAK	P	P	P	P
5	BHAT ATHARV YOGESH	P	P	P	P
6	BHAVSAR ABHISHEK SHITAL	P	A	P	A
7	BHAVSAR DISHA TUSHAR	A	P	P	A
8	BIDAVE FALGUNI SANJAY	A	A	A	P
9	CHAUDHARI KALYANI HEMANT	P	P	P	P
10	CHAUDHARI SAKSHI DIPAK	P	P	A	P
11	CHAUDHARI VRUSHALI YOGESH	A	A	A	A
12	CHITTE KOMAL SANDEEP	P	P	A	A
13	DEORE SAMARTHYA RAVINDRA	A	A	A	A
14	DESALE BHAGYASHRI ZIPRU	P	P	P	P
15	DESALE DARSHAN KRUSHANA	A	P	A	P
16	DESALE LALIT DNYANESHWAR	P	P	P	P
17	DESALE PRANJAL TUSHAR	A	A	P	A
18	GANGURDE SUPRABHA DINESH	P	P	P	P
19	GAWALE PRATIK RAJENDRA	P	P	P	P
20	PATIL HARSHADA DIPAK	P	P	A	P
21	JAIN EKTA VINOD	A	A	A	A
22	JIREKAR TANMAY SANJAY	P	P	P	A

3.Literature Survey

3.2 Limitations of existing system

- Lack of real-time attendance tracking, leading to potential inaccuracies and delays in updating attendance records.
- Challenges in tracking and managing the submission of assignments , practical, including lack of traceability and may cause error.

3.Literature Survey

3.3 Problem Identification

- In the current system, the use of paper-based attendance sheets is done to maintain student records, leading to difficulties and issues in management.
- Keepings records of student in paper-sheets files with less accuracy resulting in misplaced of files, damaged files or even results in data loss. Such records are hard to retrieve, and are Time consuming. Also when in emergencies.

3.Literature Survey

3.4 Problem Definition

This system is a web application which will be develop for managing timetable, student attendance (theory and practical) and overall report(no dues).

4.Scope of Project

- **Timetable Management:**

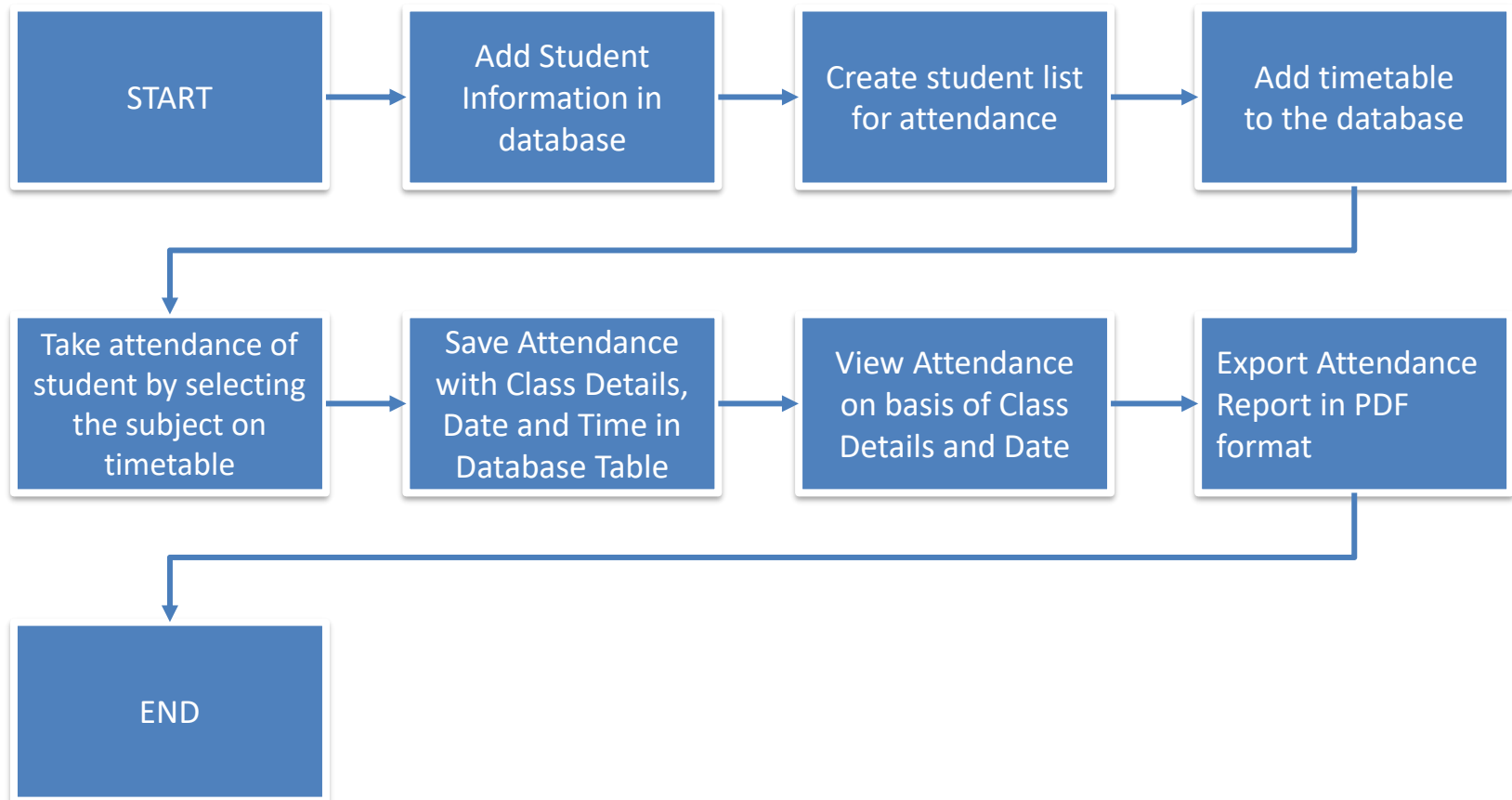
- Upload and view the timetable for scheduling and knowing which lecture is at what time.

- **Attendance Tracking:**

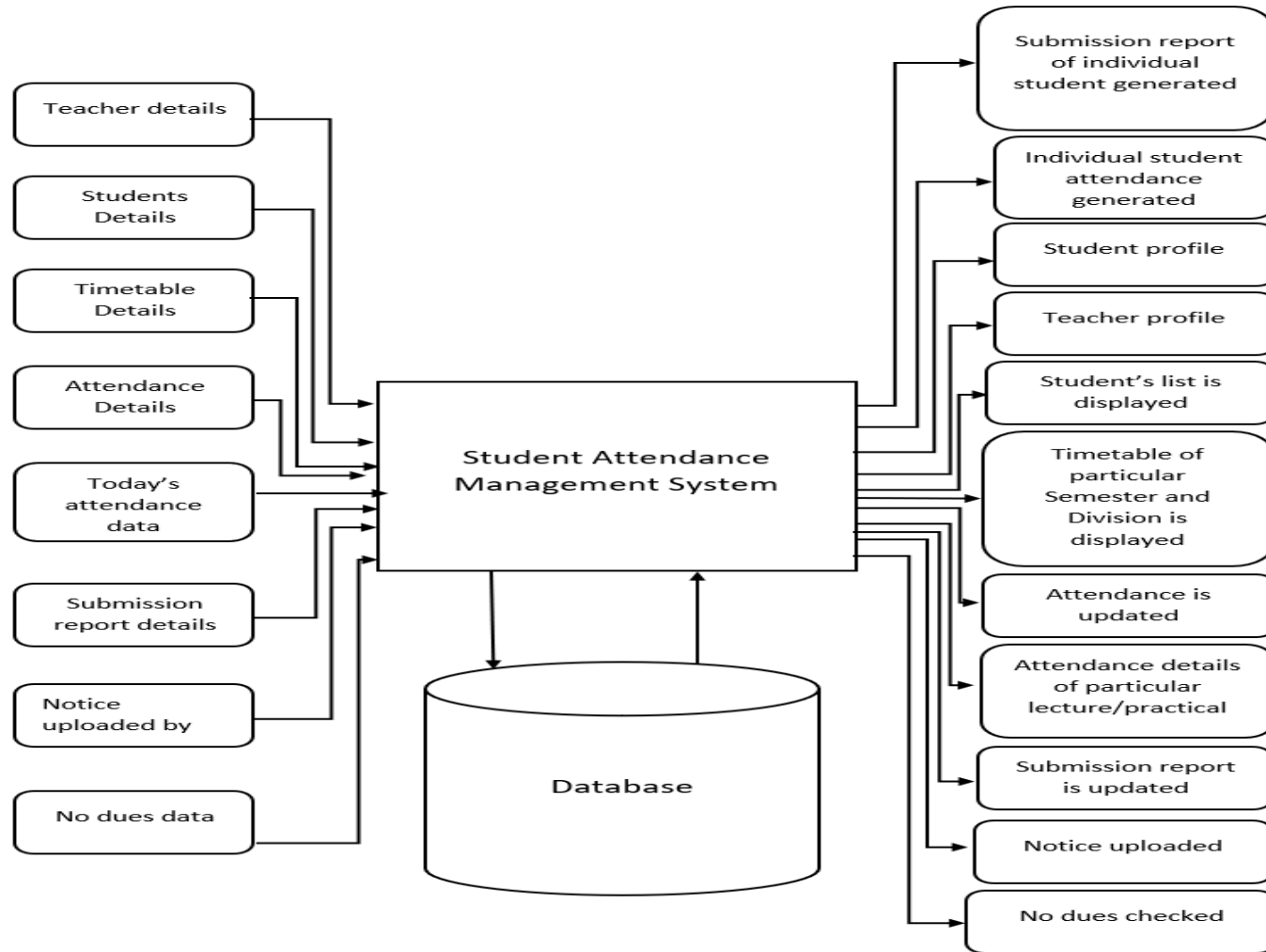
- Record and track student attendance for theory lectures and Practical's.
- Capture attendance data in real-time.

5. Methodology

5.1 Data Flow Diagram



5.2 System Diagram



6.Details of designs, working and processes

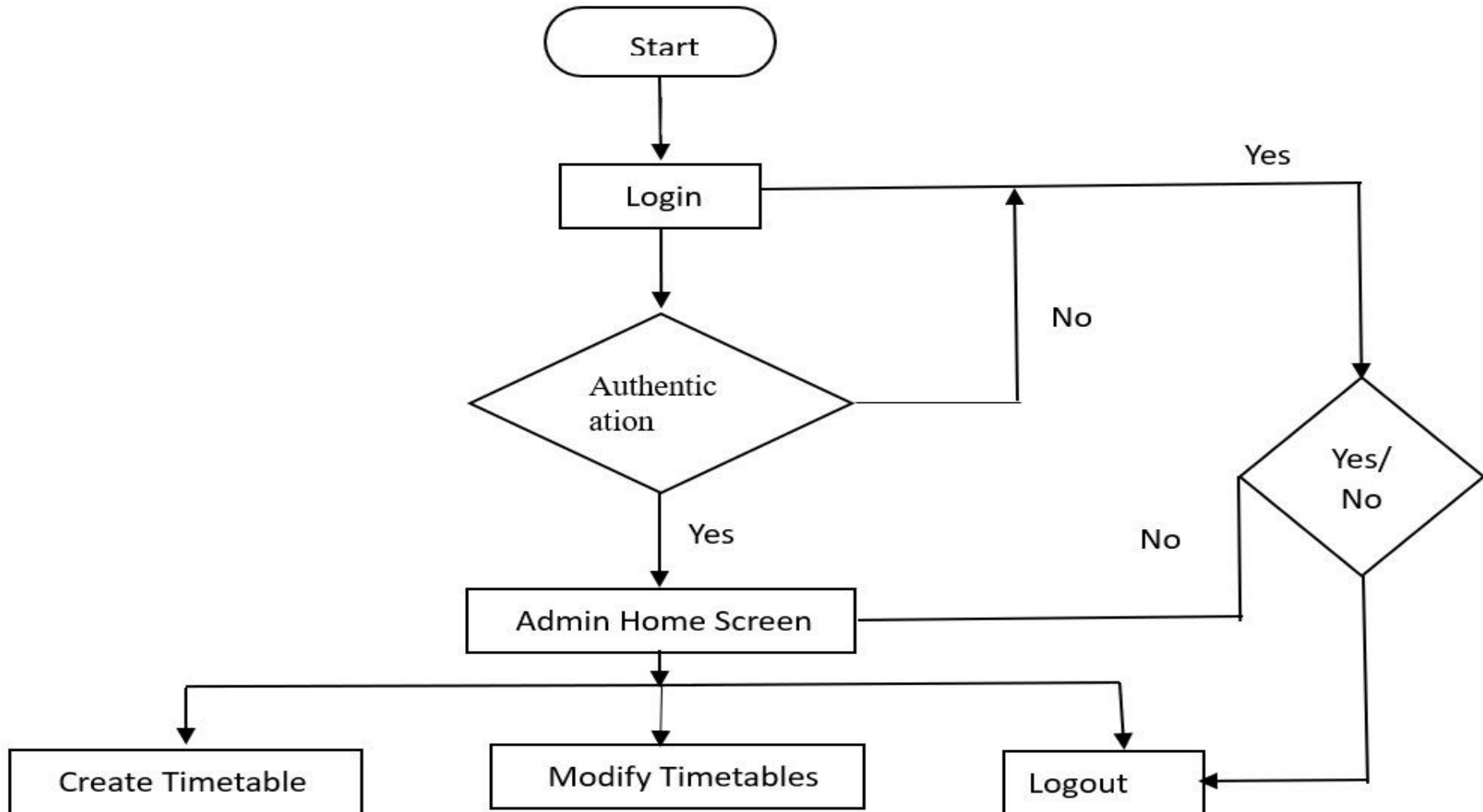
6.1 Modules

- Login
- Modules for Admin
 - 1.Create Timetable
 - 2.Modify Timetable
- Modules for Faculty
 - 1.Take Attendance
 - 2.View Attendance
 - 3.Add Notice

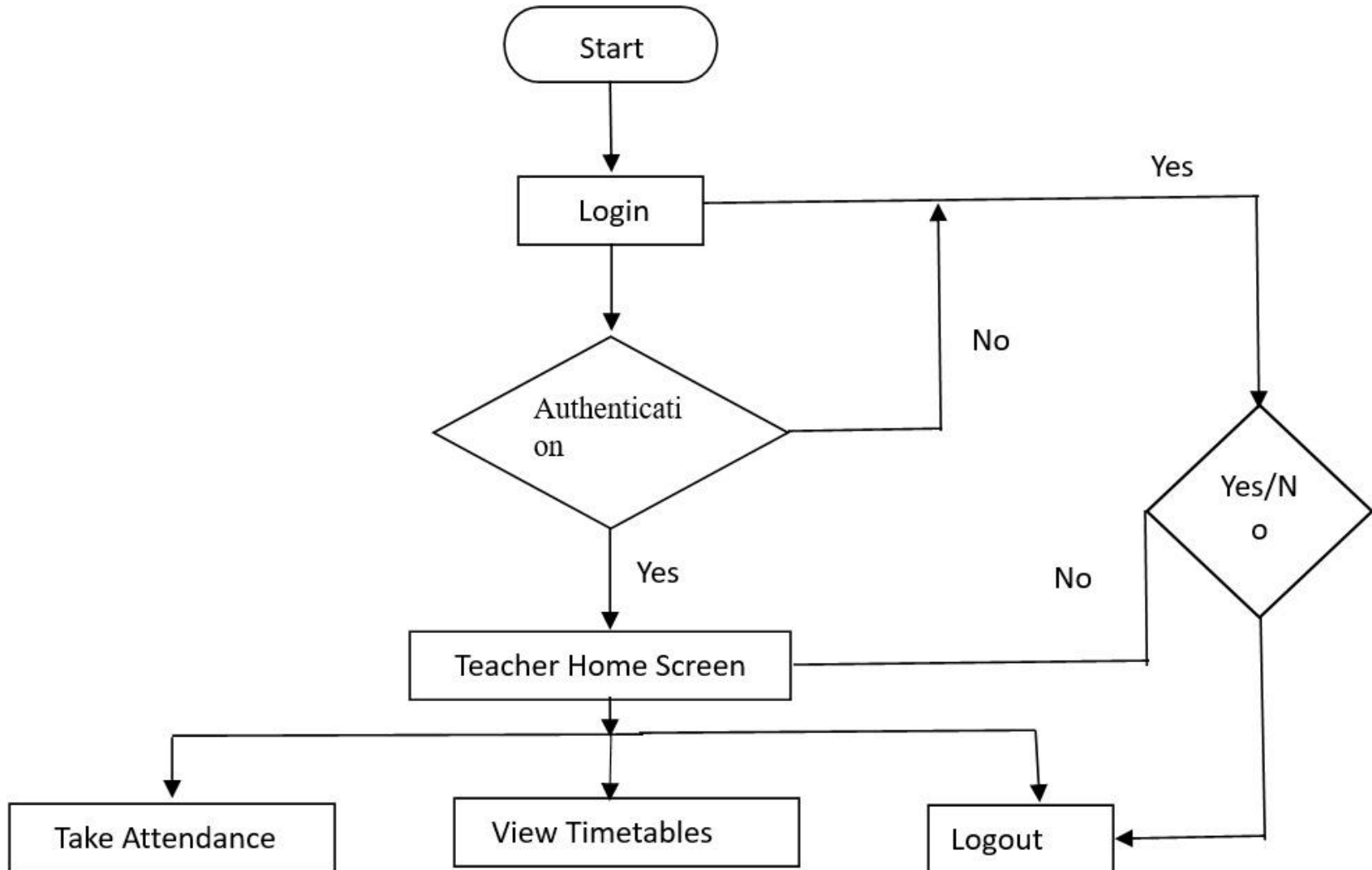
6.1 Modules

- Module for Student
 - 1.View Timetable
 - 2.View Attendance
 - 3.View Student Profile Info
 - 4.View Overall Report
 - 5.View Notice

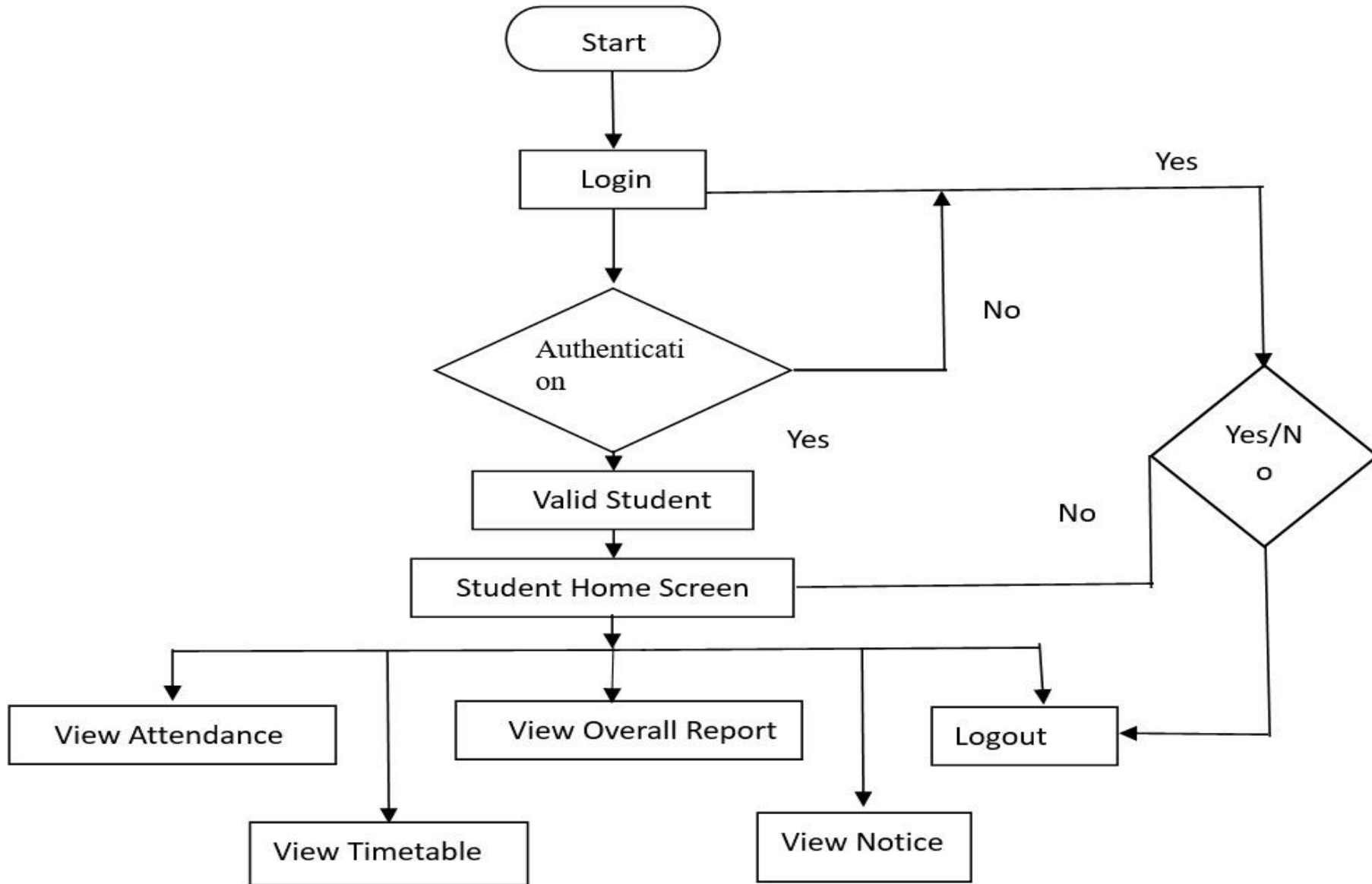
6.2 Admin Module Design



6.3 Faculty Module Design



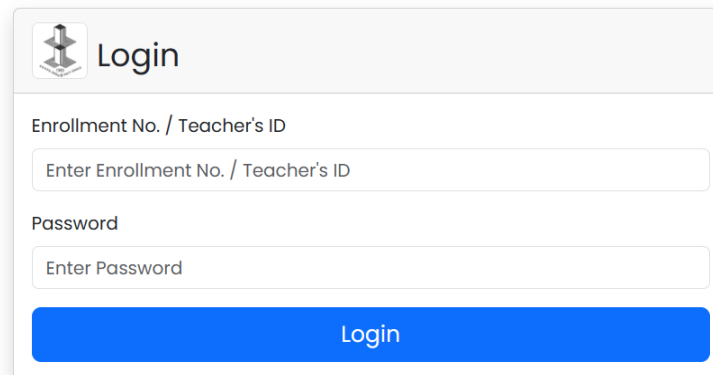
6.4 Student Module Design



7.Results and applications

7.1Results

7.1.1 Login Screen



The image shows a login screen interface. At the top, there is a header bar with a logo on the left and the word "Login" on the right. Below the header, there are two input fields. The first field is labeled "Enrollment No. / Teacher's ID" and contains the placeholder text "Enter Enrollment No. / Teacher's ID". The second field is labeled "Password" and contains the placeholder text "Enter Password". Below these fields is a blue button with the text "Login".

7.1.2 Admin Home Screen

The screenshot displays the Admin Home Screen of a system. At the top, a blue header bar contains a logo on the left, the text "Admin" in the center, and a "Logout" button on the right. Below the header, a left sidebar lists navigation options: "Admin Dashboard" (highlighted), "TimeTable", "Teacher", and "Student". The main content area features a form titled "Add Timetable". The form includes a text input field labeled "Admin: Add", a date input field labeled "With Effect From" with a placeholder "dd-mm-yyyy" and a calendar icon, a dropdown menu labeled "Course" with the option "Select Course", and another dropdown menu labeled "Division" with the option "Select Division". A blue "Next" button is positioned at the bottom of the form.

Admin

Logout

Admin Dashboard

TimeTable

Teacher

Student

Add Timetable

Admin: Add

With Effect From

dd-mm-yyyy

Course

Select Course

Division

Select Division

Next

7.1.3 Admin: Add Timetable Screen



Add TimeTable

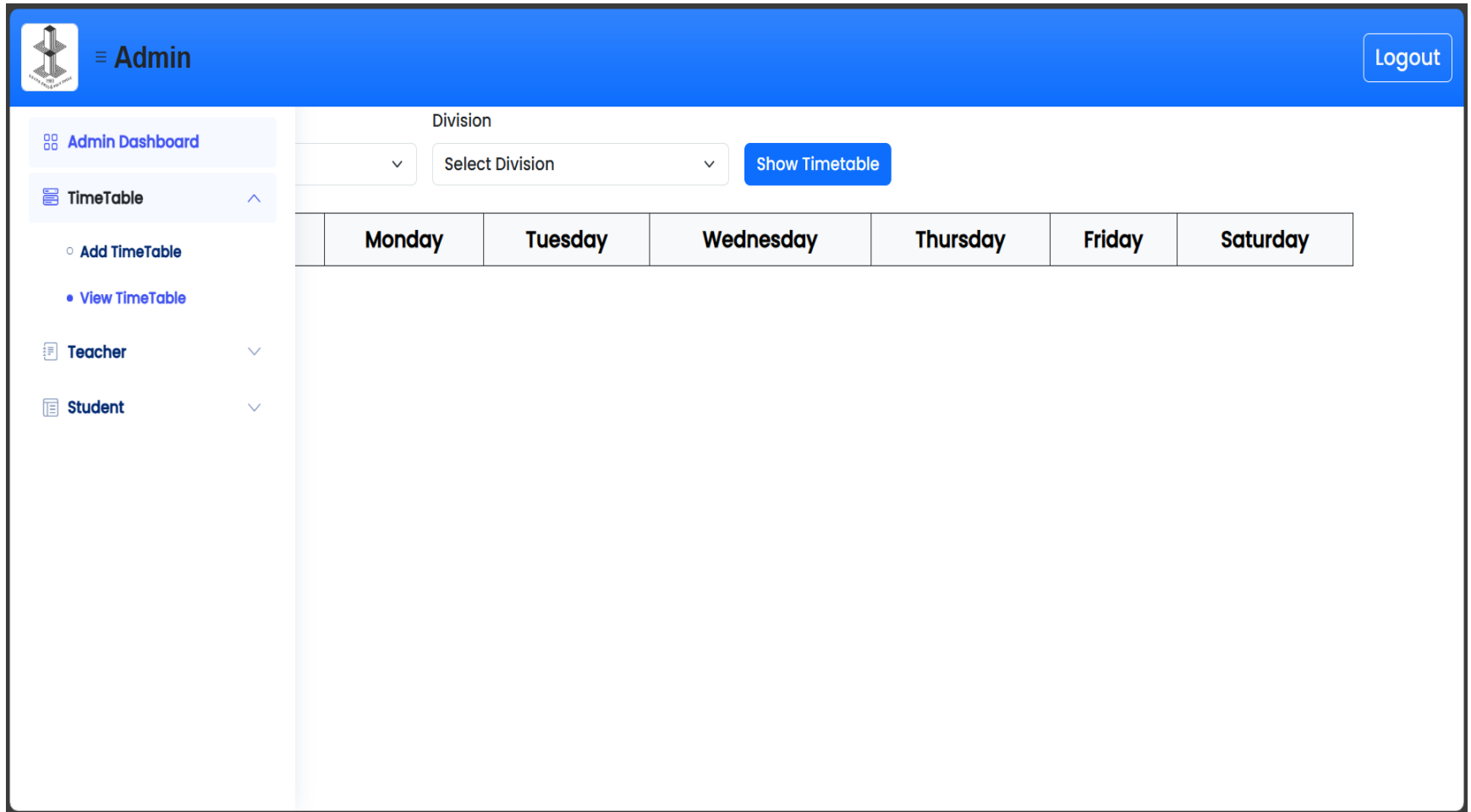
Academic Year: 2023-2024 | **With Effect From:** 01-01-2024 | **Scheme:** I | **Course:** CO | **Semester:** 6 | **Division:** A

Monday

07:30 AM	<input type="text" value="Theory"/>	<input type="text" value="Select Subject"/>
08:30 AM	<input type="text" value="Select Session Type"/>	<input type="text" value="Select Batch"/> <input type="text" value="Select Subject"/>
10:00 AM	<input type="text" value="Select Session Type"/>	<input type="text" value="Select Batch"/> <input type="text" value="Select Subject"/>
11:00 AM	<input type="text" value="Select Session Type"/>	<input type="text" value="Select Batch"/> <input type="text" value="Select Subject"/>
12:10 PM	<input type="text" value="Select Session Type"/>	<input type="text" value="Select Batch"/> <input type="text" value="Select Subject"/>
01:10 PM	<input type="text" value="Select Session Type"/>	<input type="text" value="Select Batch"/> <input type="text" value="Select Subject"/>


Tuesday

7.1.4 Admin: View Timetable Screen




The screenshot displays the 'Admin: View Timetable' interface. At the top, a blue header bar contains a logo on the left, the word 'Admin' in the center, and a 'Logout' button on the right. Below the header, a left sidebar lists navigation options: 'Admin Dashboard', 'TimeTable' (with a sub-menu containing 'Add TimeTable' and 'View TimeTable'), 'Teacher', and 'Student'. The main content area features a 'Division' dropdown menu with a 'Select Division' placeholder and a 'Show Timetable' button. Below these controls is a horizontal row of seven tabs labeled 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', and 'Saturday'. The 'Monday' tab is currently selected, and the area below the tabs is mostly blank, suggesting the timetable content is not yet rendered or is hidden.

7.1.5 Admin: View Timetable Screen

<div>  Admin Logout </div>						
<div> <div>6</div> <div>A</div> <div>Show Timetable</div> </div>						
Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:30 AM	MAD	MAD (A2) - L2 NIS (A3) - L4 PWP (A1) - L3	NIS	PWP (A2) - L3 MAD (A3) - L2	MAD	MAD (A1) - L2
08:30 AM	NIS	PWP (A1) - L3 NIS (A3) - L4 MAD (A2) - L2	ETI	PWP (A2) - L3 MAD (A3) - L2	PWP	MAD (A1) - L2
09:30 AM	R	E	C	E	S	S
10:00 AM	NIS (A1) - L4 PWP (A3) - L3 MAD (A2) - L2	PWP	MGT	EDE	CPE (A1) - L1 CPE (A3) - L4 CPE (A2) - L2	ETI
11:00 AM	MAD (A2) - L2 NIS (A1) - L4 PWP (A3) - L3	ETI	MGT	EDE	CPE (A1) - L1 CPE (A2) - L2 CPE (A3) - L4	MAD
12:00 PM	R	E	C	E	S	S
12:10 PM	MAD (A3) - L2 NIS (A2) - L1	MGT	EDE (A3) - EDE (A1) - EDE (A2) -	MAD (A1) - L2	CPE (A3) - L4 CPE (A1) - L1 CPE (A2) - L2	PWP

7.1.6 Admin: Add Teacher Details Screen

 Admin

Logout

Add Teacher Details

Teacher's Complete Name


Select Gender ☐ Male ☐ Female

Username

Password

Save

7.1.7 Admin: No Dues By Department Screen

 Admin Logout

No Dues by Department

Branch

CO

Semester

6

Division

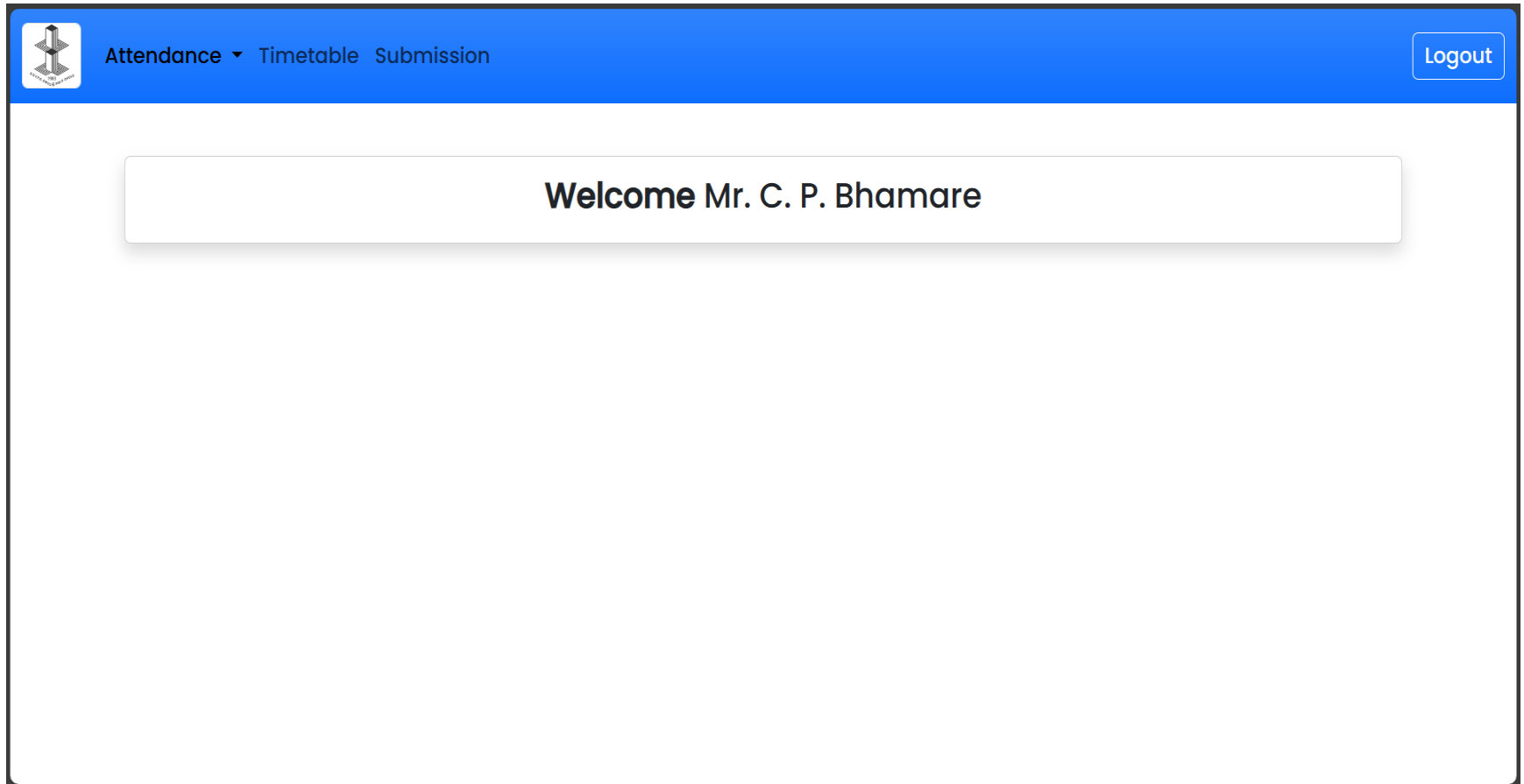
A

Search


Branch: CO | Semester: 6 | Division: A

Roll No	Enrollment No	Name	No Dues
1	2100590048	ANSARI MOHAMMAD AIMAN NASIR HUSAIN	<input type="checkbox"/>
2	2100590049	ANSARI OBAIDURRAHMAN MOHAMMAD IRFAN	<input type="checkbox"/>
3	2100590050	BADGUJAR MOHIT HEMANT	<input checked="" type="checkbox"/>
4	2100590053	BHAMARE KAVERI DIPAK	<input type="checkbox"/>

7.1.8 Teacher: Home Screen



7.1.9 Teacher: Attendance Screen



Attendance ▾ Timetable Submission
Logout

Semester
Division

6
A
Show Timetable

Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:30 AM	MAD	MAD (A2) - L2 NIS (A3) - L4 PWP (A1) - L3	NIS	PWP (A2) - L3 MAD (A3) - L2	MAD	MAD (A1) - L2
08:30 AM	NIS	PWP (A1) - L3 NIS (A3) - L4 MAD (A2) - L2	ETI	PWP (A2) - L3 MAD (A3) - L2	PWP	MAD (A1) - L2
09:30 AM	R	E	C	E	S	S
10:00 AM	NIS (A1) - L4 PWP (A3) - L3 MAD (A2) - L2	PWP	MGT	EDE	CPE (A1) - L1 CPE (A3) - L4 CPE (A2) - L2	ETI
11:00 AM	MAD (A2) - L2 NIS (A1) - L4 PWP (A3) - L3	ETI	MGT	EDE	CPE (A1) - L1 CPE (A2) - L2 CPE (A3) - L4	MAD
12:00 PM	R	E	C	E	S	S
12:10 PM	MAD (A3) - L2 NIS (A2) - L1	MGT	EDE (A3) - L4 EDE (A1) - L2	MAD (A1) - L2	CPE (A3) - L4 CPE (A1) - L1	PWP

7.1.10 Teacher: Mark Attendance Screen



Attendance ▾ Timetable Submission

Logout

Search By

Branch ▾


Year ▾

Semester ▾

Subject ▾

Session Type ▾

Division ▾

Date
dd-mm-yyyy 

Time ▾


Search

Branch: Computer Engg.(CO) | Year: Third Year | Semester: 6 | Session Type: Theory | Division: A | Date: 09-04-2024

Subject: Mobile Application Development (MAD)

Roll No	Enrollment Number	Name	Attendance Status
1	2100590048	ANSARI MOHAMMAD AIMAN NASIR HUSAIN	<div>Present</div> <div>Absent</div>
2	2100590049	ANSARI OBAIDURRAHMAN MOHAMMAD IRFAN	<div>Present</div> <div>Absent</div>
3	2100590050	BADGUJAR MOHIT HEMANT	<div>Present</div> <div>Absent</div>
4	2100590052	BIJAMADE KAMRUL DIBAK	<div>Present</div> <div>Absent</div>

7.1.11 Teacher :Submit Attendance Screen


 Students List

102	2100590080	Jangid Vishnu Jaiprakash	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
103	2100590087	Lohar Kanishk Rajesh	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
104	2100590088	Kanjarekar Manasi Suresh	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
105	2100590092		<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
106	2100590093		<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
107	2100590097		<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
108	2100590100	Patil Leena Pravin	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
109	2100590101	Magar Dakshayani Vishwas	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
110	2100590103	Mali Harshal Somnath	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent
111	2100590105	Marathe Snehal Gulab	<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Absent

Confirmation
Are you sure you want to save the attendance?

Save Attendance

7.1.12 Teacher: View Particular Day Screen



Attendance ▾ Timetable Submission

Logout

Search By

Branch ▾


Year ▾

Semester ▾

Subject ▾

Session Type ▾

Division ▾

Date:
dd-mm-yyyy 

Attendance Status ▾

Search


Branch: Computer Engg.(CO) | **Year:** Third Year | **Semester:** 6 | **Session Type:** Theory | **Division:** A | **Date:** 09-04-2024

Subject: Mobile Application Development (MAD)

Print

Roll No	Enrollment Number	Student Name	Attendance Status
1	2100590048	Ansari Mohammad Aiman Nasir Husain	Absent
2	2100590049	Ansari Obaidurrahman Mohammad Irfan	Absent
3	2100590050	Badgujar Mohit Hemant	Present
4	2100590053	Bhamare Kaveri Dipak	Present
5	2100590054	Bhat Atharv Yogesh	Present
6	2100590055	Bhavsar Abhishek Shital	Absent

7.1.13 Teacher: View Particular Day Screen

 Attendance ▾ Timetable Submission Logout

Search By

Branch ▾


Year ▾


Semester ▾

Subject ▾

Session Type ▾

Division ▾

Date From:
dd-mm-yyyy 

Date To:
dd-mm-yyyy 

Search

Branch: (CO) | Year: Third Year | Semester: 6 | Session Type: Theory | Division: A

Subject: Mobile Application Development (MAD) | Date From: 01-01-2024 To: 09-04-2024

Roll No	Enrollment Number	Name	Conducted	Attended	Attendance Percentage
1	2100590048	ANSARI MOHAMMAD AIMAN NASIR HUSAIN	7	4	57.14
2	2100590049	ANSARI OBAIDURRAHMAN MOHAMMAD IRFAN	7	4	57.14
3	2100590050	BADGUJAR MOHIT HEMANT	7	6	85.71
4	2100590053	BHAMARE KAVERI DIPAK	7	5	71.43
5	2100590054	BHAT ATHARV YOGESH	7	6	85.71
6	2100590055	BHAVSAR ABHISHEK SHITAL	7	6	85.71
7	2100590056	BHAVSAR DISHA TUSHAR	7	5	71.43

7.1.14 Teacher: View Particular Teacher's Timetable Screen

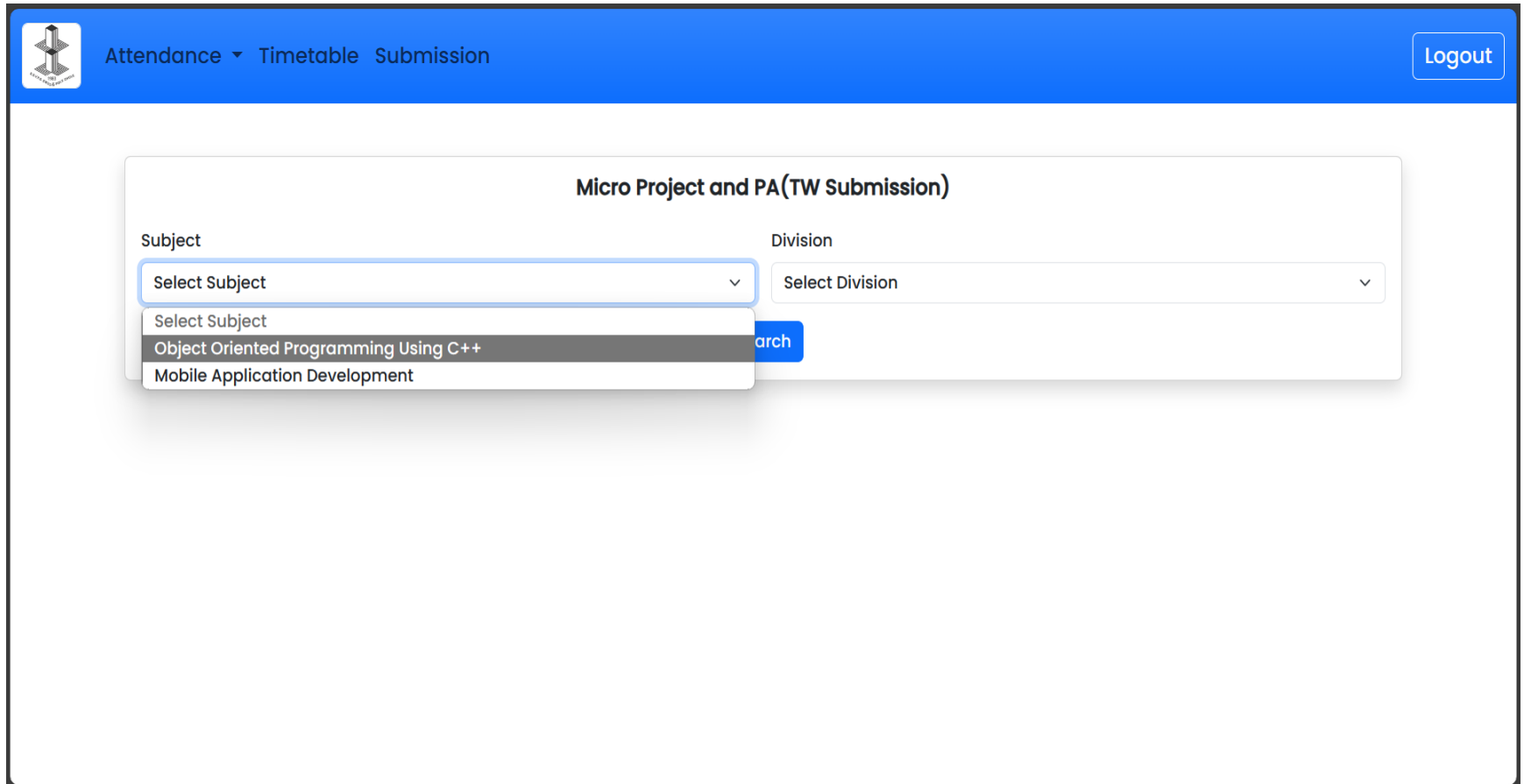


Attendance ▾ Timetable Submission

Logout

Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:30 AM	MAD(6A)	MAD(6A) (A2) - L2	MAD(6B) (B1) - L2	MAD(6A) (A3) - L2	MAD(6A)	MAD(6A) (A1) - L2
08:30 AM	MAD(6B)	MAD(6A) (A2) - L2	MAD(6B) (B1) - L2	MAD(6A) (A3) - L2	MAD(6B)	MAD(6A) (A1) - L2
10:00 AM	MAD(6A) (A2) - L2	MAD(6B)		MAD(6B) (B2) - L2		
11:00 AM	MAD(6A) (A2) - L2			MAD(6B) (B2) - L2		MAD(6A)
12:10 PM	MAD(6A) (A3) - L2	MAD(6B) (B1) - L2	MAD(6B) (B3) - L2	MAD(6A) (A1) - L2		MAD(6B) (B3) - L2
01:10 PM To 02:10 PM	MAD(6A) (A3) - L2	MAD(6B) (B1) - L2	MAD(6B) (B3) - L2	MAD(6A) (A1) - L2		MAD(6B) (B3) - L2

7.1.15 Teacher: Select TW Submission Details Screen



Micro Project and PA (TW Submission)

Subject

Division

Select Subject

Select Division

Select Subject

Object Oriented Programming Using C++


Mobile Application Development

Search

7.1.16 Teacher: Mark Micro Project and TW Submission Screen

Attendance ▾ Timetable Submission Logout				
Branch: CO Semester: 6 Division: A				
Subject: Mobile Application Development (MAD)				
Roll No	Enrollment No	Name	Micro Project	PA(TW Submission)
1	2100590048	ANSARI MOHAMMAD AIMAN NASIR HUSAIN	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	2100590049	ANSARI OBAIDURRAHMAN MOHAMMAD IRFAN	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	2100590050	BADGUJAR MOHIT HEMANT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	2100590053	BHAMARE KAVERI DIPAK	<input type="checkbox"/>	<input type="checkbox"/>
5	2100590054	BHAT ATHARV YOGESH	<input type="checkbox"/>	<input type="checkbox"/>
6	2100590055	BHAVSAR ABHISHEK SHITAL	<input type="checkbox"/>	<input type="checkbox"/>
7	2100590056	BHAVSAR DISHA TUSHAR	<input type="checkbox"/>	<input type="checkbox"/>
8	2100590057	BIDAVE FALGUNI SANJAY	<input type="checkbox"/>	<input type="checkbox"/>
9	2100590059	CHAUDHARI KALYANI HEMANT	<input type="checkbox"/>	<input type="checkbox"/>
10	2100590060	CHAUDHARI SAKSHI DIPAK	<input type="checkbox"/>	<input type="checkbox"/>
11	2100590061	CHAUDHARI VRUSHALI YOGESH	<input type="checkbox"/>	<input type="checkbox"/>

7.1.17 Teacher: Confirmations of Micro Project and TW Submission, Screen

Attendance ▾ Timetable Submission Logout

100	2100590076	THALNERKAR HARSHWARDHAN	<input type="checkbox"/>	<input type="checkbox"/>
101	2100590077	INGALE CHAITALI ANKUSH	<input type="checkbox"/>	<input type="checkbox"/>
102	2100590080	JANGID VISHNU JAIPRAKASH	<input type="checkbox"/>	<input type="checkbox"/>
103	2100590087	LOHAR KANISHK RAJESH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
104	2100590088		<input type="checkbox"/>	<input type="checkbox"/>
105	2100590092		<input type="checkbox"/>	<input checked="" type="checkbox"/>
106	2100590093		<input type="checkbox"/>	<input type="checkbox"/>
107	2100590097		<input checked="" type="checkbox"/>	<input type="checkbox"/>
108	2100590100		<input type="checkbox"/>	<input checked="" type="checkbox"/>
109	2100590101	MAGAR DAKSHAYANI VISHWAS	<input type="checkbox"/>	<input type="checkbox"/>
110	2100590103	MALI HARSHAL SOMNATH	<input type="checkbox"/>	<input type="checkbox"/>
111	2100590105	MARATHE SNEHAL GULAB	<input type="checkbox"/>	<input type="checkbox"/>


Confirmation

Are you sure you want to save changes?

No Yes

Save

7.1.18 Student: Profile Screen

 [Timetable](#) [Attendance](#) [Submission Report](#) [Notice](#)

SSVPS's BAPUSAHEB SHIVAJIRAO DEORE POLYTECHNIC, DHULE

Department of Computer Engineering

Semester: 6 (I Scheme)	Academic Year: 2023-24
Division: A	With Effect From: 01-01-2024

Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday
07:30 AM	MAD	MAD (A2) - L2 NIS (A3) - L4 PWP (A1) - L3	NIS	PWP (A2) - L3 MAD (A3) - L2	MAD (A2) - L2
08:30 AM	NIS	PWP (A1) - L3 NIS (A3) - L4 MAD (A2) - L2	ETI	PWP (A2) - L3 MAD (A3) - L2	PWP (A1) - L3
09:30 AM	R	E	C	E	
10:00 AM	NIS (A1) - L4 PWP (A3) - L3 MAD (A2) - L2	PWP	MGT	EDE	CPE (A1) - L2 CPE (A2) - L3 CPE (A3) - L4

Profile

Roll No: 13

Name: Deore Samarthya Ravindra

Enrollment No: 2100590064

Branch: CO

Semester: 6


Scheme: I

Division: A

Admit Year: 2021

Logout

7.1.19 Student: View Timetable Screen

 Timetable Attendance Submission Report Notice Profile						
SSVPS's BAPUSAHEB SHIVAJIRAO DEORE POLYTECHNIC, DHULE						
Department of Computer Engineering						
Semester: 6 (I Scheme)			Academic Year: 2023-24			
Division: A			With Effect From: 01-01-2024			
Time / Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:30 AM	MAD	MAD (A2) - L2 NIS (A3) - L4 PWP (A1) - L3	NIS	PWP (A2) - L3 MAD (A3) - L2	MAD	MAD (A1) - L2
08:30 AM	NIS	PWP (A1) - L3 NIS (A3) - L4 MAD (A2) - L2	ETI	PWP (A2) - L3 MAD (A3) - L2	PWP	MAD (A1) - L2
09:30 AM	R	E	C	E	S	S
10:00 AM	NIS (A1) - L4 PWP (A3) - L3 MAD (A2) - L2	PWP	MGT	EDE	CPE (A1) - L1 CPE (A3) - L4 CPE (A2) - L2	ETI

7.1.20 Student: View Attendance(Percentage) Screen




[Timetable](#) [Attendance](#) [Submission Report](#) [Notice](#)

[Profile](#)

Subjects	Theory		Practical		Tutorial		Attendance Percentage
	Conducted	Attended	Conducted	Attended	Conducted	Attended	
CPE	0	0	2	2	0	0	100.00%
EDE	0	0	2	1	1	1	66.67%
ETI	2	2	0	0	0	0	100.00%
MAD	8	6	4	3	0	0	75.00%
MGT	1	1	0	0	0	0	100.00%
NIS	2	1	1	1	0	0	66.67%
PWP	6	5	6	3	0	0	66.67%
TOTAL	19	15	15	10	1	1	74.29%

7.1.21 Student: View Submission Report Screen


 [Timetable](#) [Attendance](#) [Submission Report](#) [Notice](#) [Profile](#)

Department of Computer Engineering

Progressive Assessment Status (Academic Year 2023-24)

Semester: CO 6 I	No Dues by department	✓
Subject	Micro Project	PA (TW Submission)
Management(MGT)		
Programming with Python(PWP)	✓	✓
Mobile Application Development(MAD)	✓	✓
Network Information Security(NIS)		
Emerging Trends in Computer and Information Technology(ETI)		
Entrepreneurship Development(EDE)		
Capstone Project-Execution & Report Writing(CPE)		

7.1.22 Student: Notice Screen

 Timetable Attendance Submission Report Notice Profile

[Complete Teacher's name as in Database]

[Notice]

Surekha Patil

On 26th January 2024, College will remain closed on account of Republic Day

Nishad Patel

As instructed today in a class room, all students are informed to submit the title of micro project of ETI 22618 by Saturday, 13 January 2024. Only 5 micro-project topics per unit will be sanctioned. The topic will be sanctioned on the FIRST COME FIRST SERVE basis.

7.2 Applications

- This project can be used for marking theory and practical attendance of Students

8. Conclusion and future scope

8.1 Conclusion

“A student attendance management system helps schools and colleges organize student information better. It makes things like keeping track of attendance. Plus, it helps teachers and administrators make smarter decisions by analyzing student data. Overall, it makes attendance process smoother for everyone.”

8. Conclusion and Future Scope

8.2 Future Scope

- **Dynamic Class Scheduling:**
Implementing dynamic class scheduling that adjusts based on real-time attendance data, optimizing the use of resources and facilitating better student engagement.
- **Personalized Attendance Alerts:**
Providing personalized attendance alerts to students and parents through various communication channels, such as emails, SMS, or app notifications.
- **Mobile Application Enhancements:**
Developing mobile applications for easy accessibility and real-time updates for both students and faculty.
Introducing features such as push notifications, class schedule reminders, and in-app communication.

9. Reference and Bibliography

- **Reference:**
 - **Author(s). (Year). Title of the Paper or Book. Journal Name or Publisher.**
1. Smith, J., & Brown, A. (2020). "Design and Implementation of an Automated Student Attendance Management System." International Journal of Computer Science, 25(3), 45-60.
 2. Johnson, M. (2018). "RFID Technology in Student Attendance Tracking Systems." Journal of Educational Technology, 12(4), 112-125.
 3. Thompson, R. (2019). "A Comparative Study of Biometric and RFID-Based Student Attendance Systems." Conference on Information Systems, 234-24



THANK YOU!