

**PART-A**

**Title of Micro Project:** Attendance Management System.

**1.0 Brief Introduction:**

The “Online Attendance Management” gives reduced paperwork and saves time to generate accurate results from employees’ attendance. It provides security by using individual login IDs and passwords. A modern-day technology for employee attendance is an efficient way to keep track of your employee’s attendance and centralize your attendance system. Hence, it is time to invest in attendance and monitoring software now more than ever. Let’s look at how modern-day technology for employee attendance can benefit your organization.

**2.0 Aim of the Micro Project:**

- Cost reduction  
Automated time and record management system reduce cost by automating a number of tasks and eliminating the need for papers. The application also helps to save the money lost through payroll errors.
- Easy reporting  
Real-time reports provide insights to the management to make better decisions. Most of the applications offer a feature to view and download reports in various formats. Administrators can create customized attendance dashboards for their reference.
- Easy integration  
We can easily integrate the software with other administrative systems like biometric and swipe systems. You can also create customized attendance policies as per the need of your institution.
- Leave management  
A cloud-based leave management system helps to automate leave management in one click. It streamlines tracking, managing, granting and rejecting leaves.
- Visibility  
With a click, you can generate reports that show employee/student details like days/hours worked or present, absence details, overtime etc. Administrators can utilize graphical versions of the report in their decision-making process.
- Reduced administrative load  
As the system automatically collects data, there is no need to spend hours tracking the attendance. The elimination of manual work on attendance will help you to utilize time for other important activities.
- Improved productivity  
In manual tracking, it takes time and a lot of resources to process sheets and create schedules. By using an automated system, an institution can save time and optimize the use of resources to increase productivity.

### 3.0 Action Plan:

Sr. No.	Details of Activity	Planned Start Date	Planned Finish Date	Name of Responsible Team Members
1	Deciding the Topic	20-04-2022	25-04-2022	Kaushik Shigavan Harshad Raurale Shubham Modi
2	Writing the Code	26-04-2022	05-05-2022	Kaushik Shigavan Harshad Raurale Shubham Modi
3	Making Report	06-05-2022	09-05-2022	Kaushik Shigavan Harshad Raurale Shubham Modi

### 4.0 Resources Required (Such as raw material, some machining facility, software etc.)

Sr. No.	Name of Resource/Material	Specifications	Qty	Remarks
1	Notes and useful websites	For collecting information	-	
2	Xamp	To Run the Code	1	
3	Microsoft Word	To make report	1	

### PART-B

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#### 1.0 Brief Introduction:

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### 3.0 Course Outcomes Integrated:

- Develop program using control statement.
- Perform operations based on array and graphics.
- Develop programs by applying various object-oriented concepts.
- Use form controls with validation to collect user's input.
- Perform database operations in PHP.

### 4.0 Actual Procedure Followed:

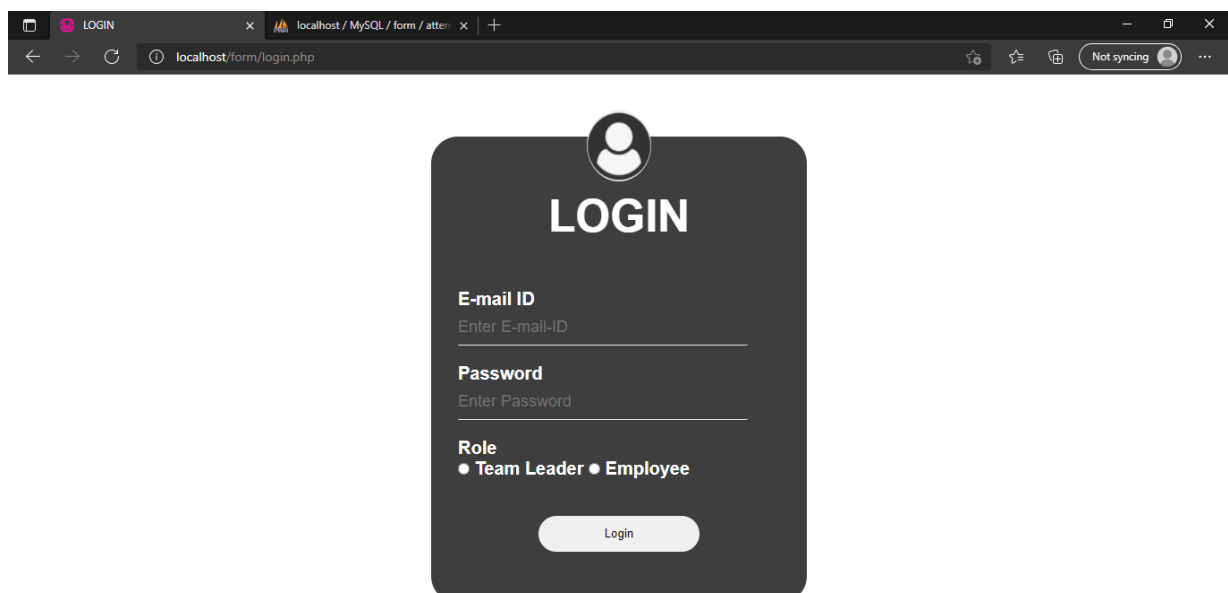
Attendance management software is a tool that enhances productivity by keeping track of employee working hours and job attendance. Attendance management software keeps track of the number of present and absent employees. It's helpful to integrate it with other payroll software so that you can calculate the exact payment to give to the employees. Over the years the manual attendance management has been carried across most of educational institutions. To overcome the problems of manual attendance, we have developed "web-based attendance Management System". Attendance Management System is based on web server, which can be implemented on any computer. In This application, PHP is server-side language, MySQL and PHP is used as back-end design and HTML, CSS and JavaScript are used as front-end tools. The system communicates with database residing on a remote server. It calculates automatically, the attendance percentage of students without any manual paper-based work. The system facilitates the end users with interactive design and automated processing of attendance management.

### 5.0 Actual Resources Used:

Sr. No.	Name of Resource/Material	Specifications	Qty	Remarks
1	Notes and useful websites	For collecting information	-	
2	Xamp	To Run the Code	1	
3	Microsoft Word	To make report	1	

### 6.0 Outputs of the Micro Project:

Login Page:



LOGIN

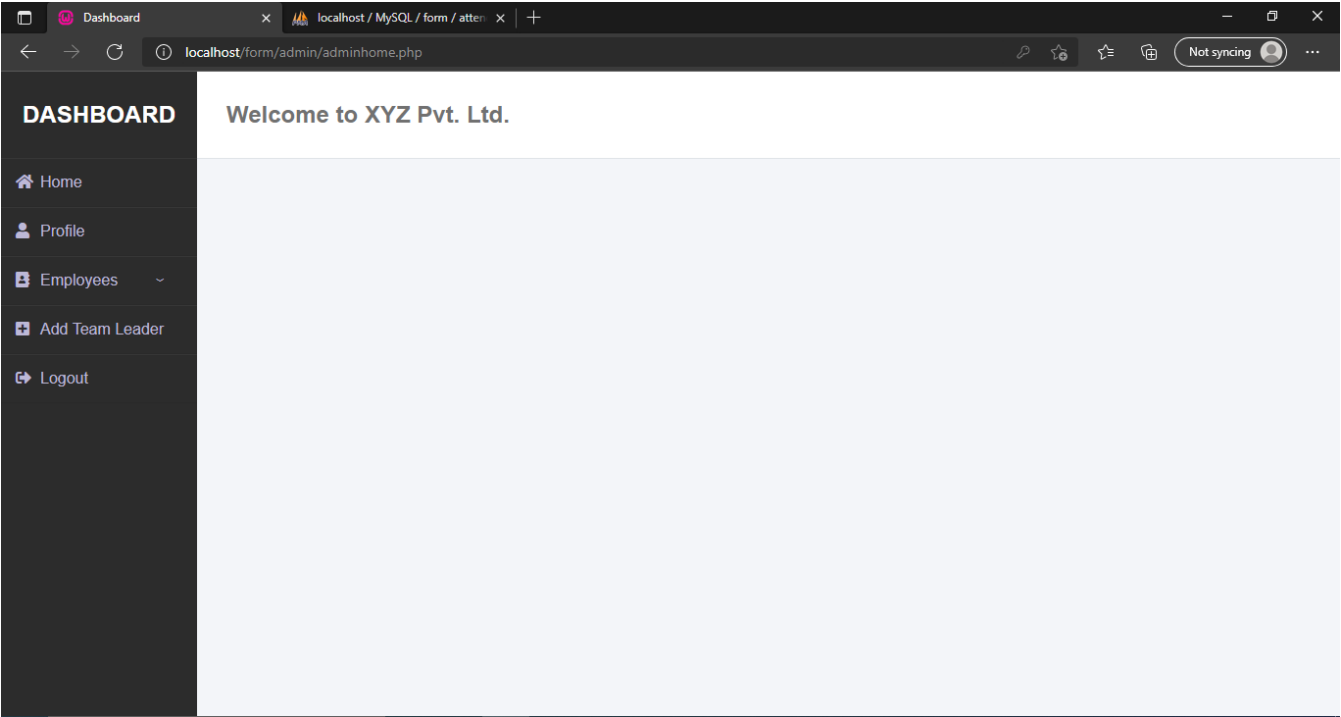
E-mail ID  
Enter E-mail-ID

Password  
Enter Password

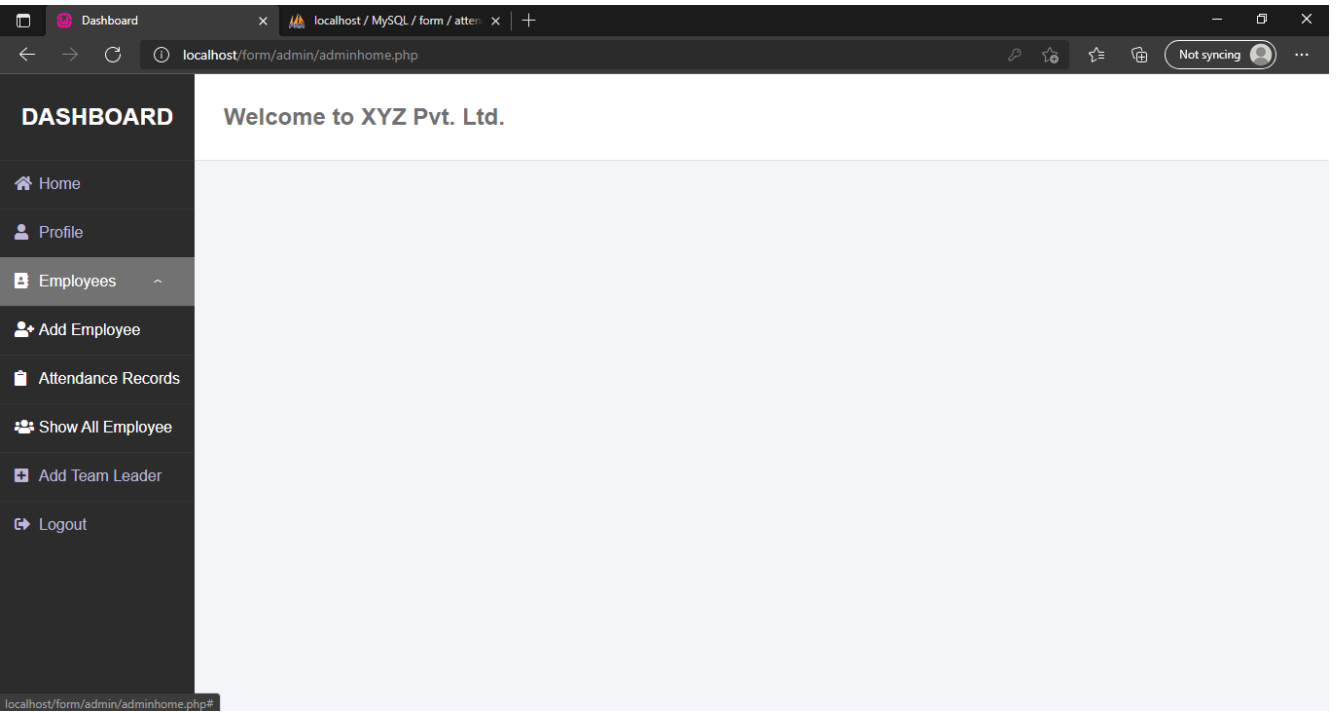
Role  
● Team Leader ● Employee

Login

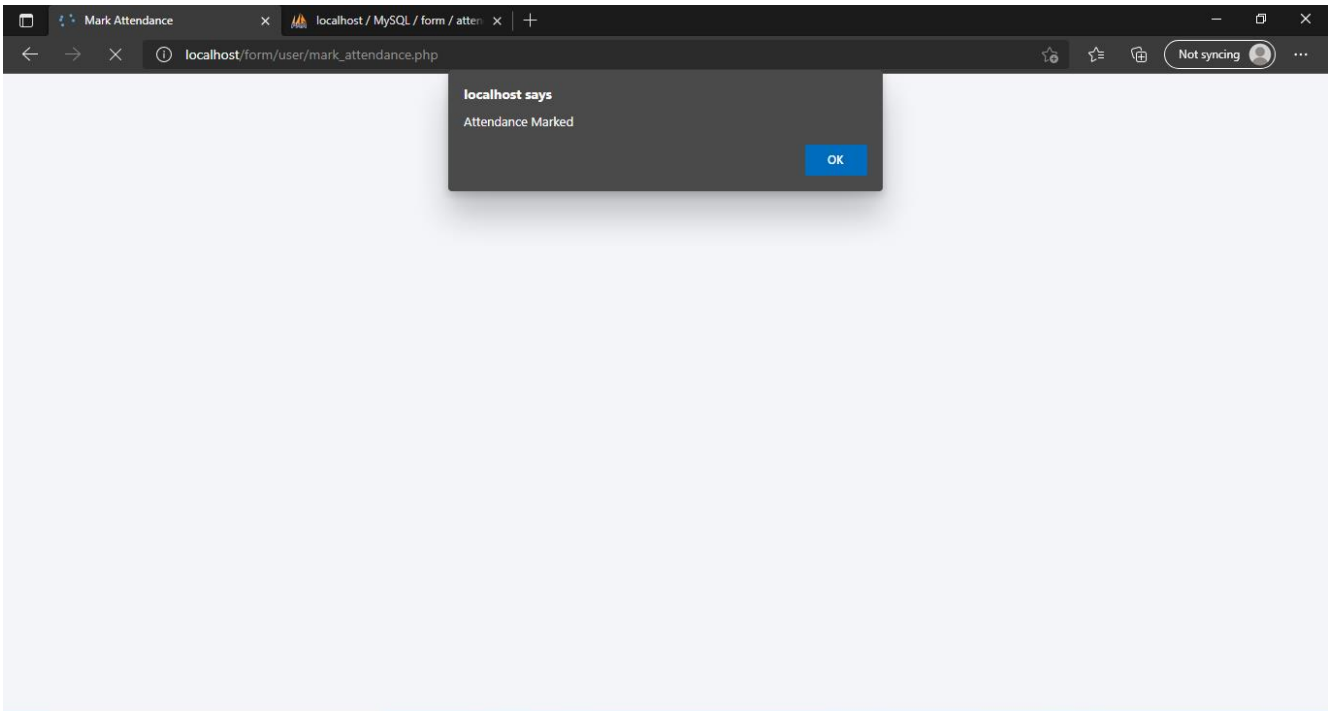
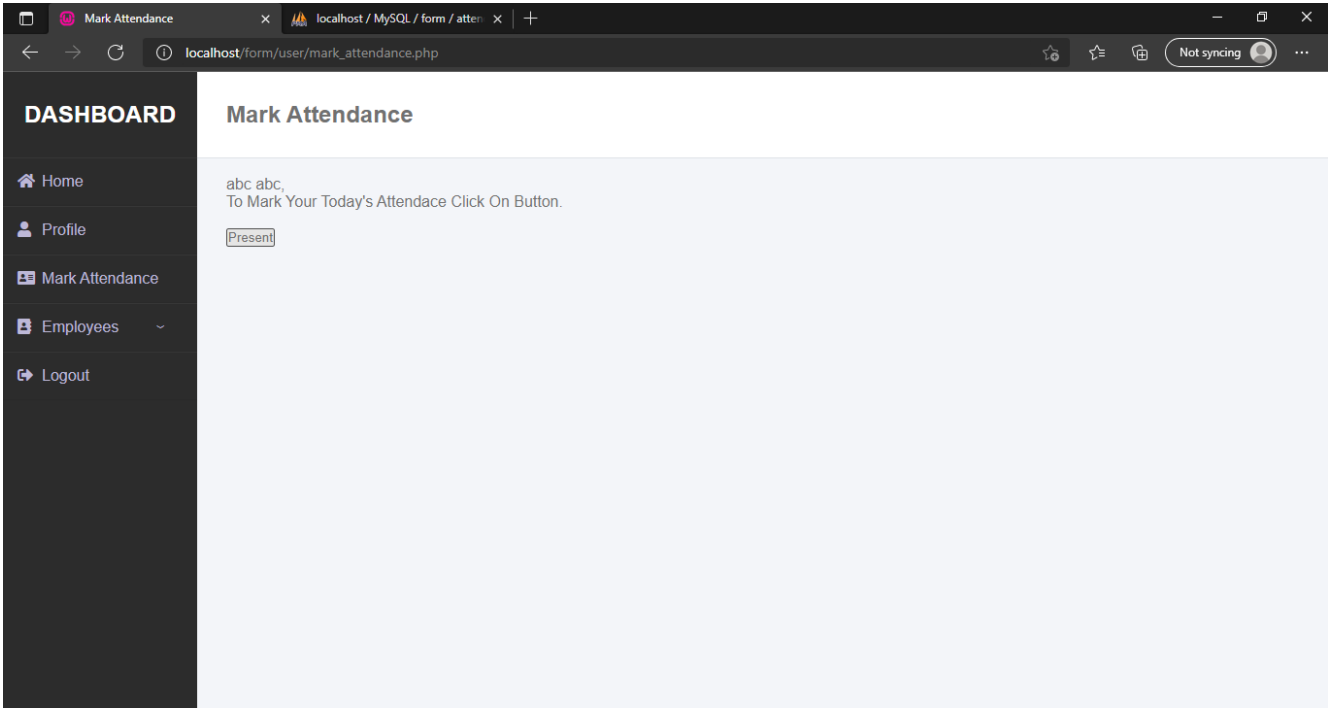
Output of Admin Drop-Down page before:



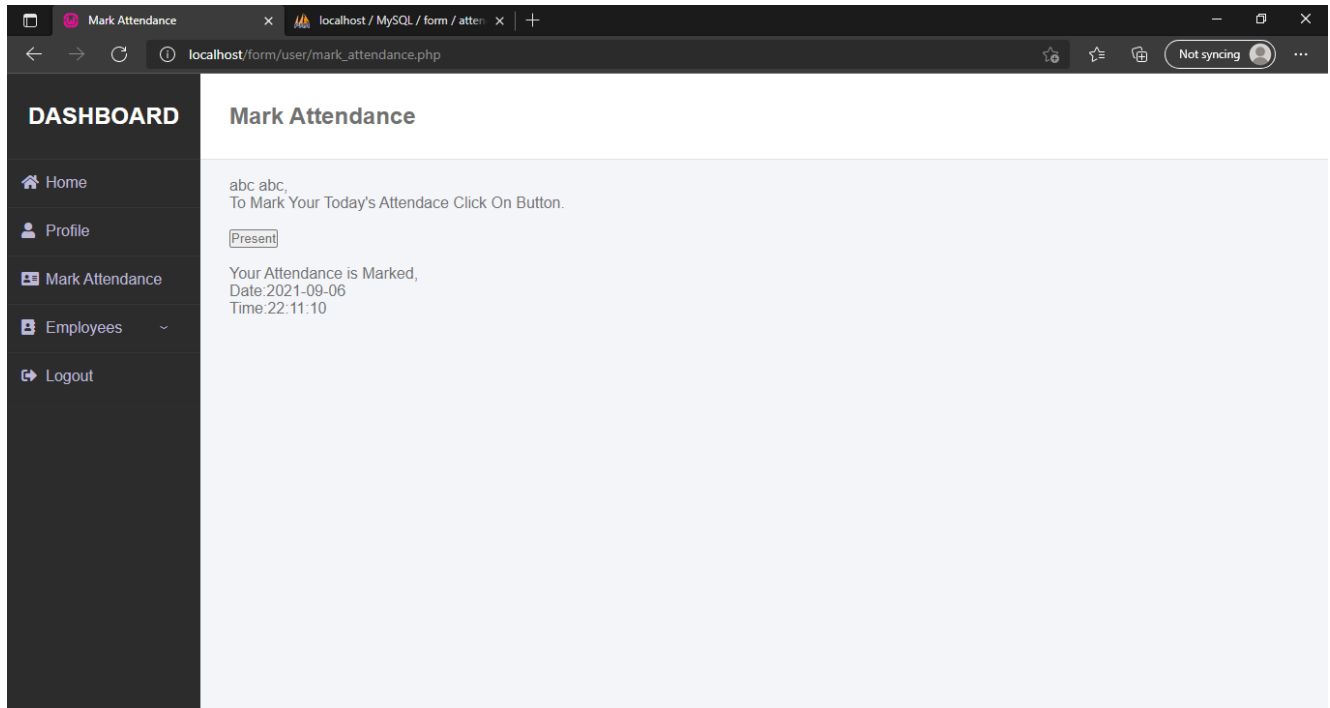
Output of Admin Drop-Down page after:



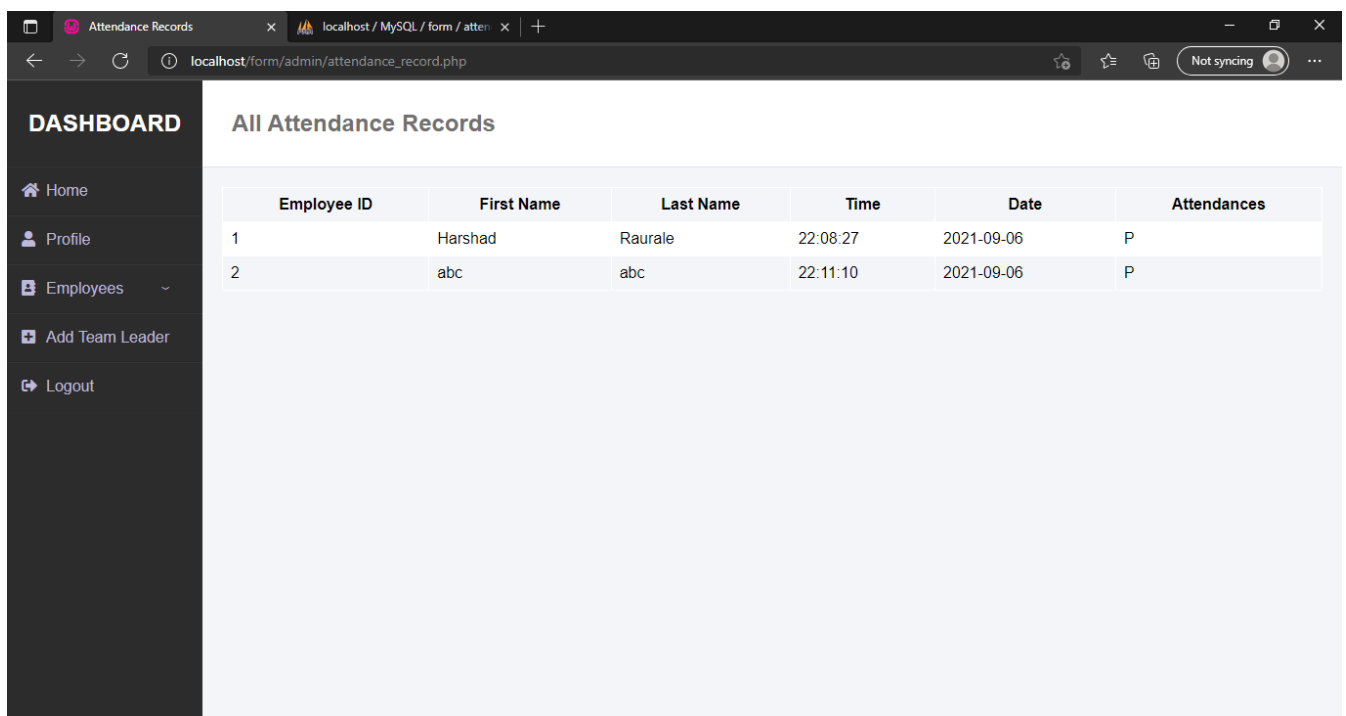
Employee can Mark Attendance:



Attendance is Marked:



Admin can view the Attendance Records of All Employees:



### 7.0 Skills Developed/ Learning of the Micro Project:

- We learnt various technical skills and Programming languages.
- We learnt about database connectivity.
- We learnt team management and how is teamwork done.
- We learned about time management.

GROUP MEMBERS	ROLL NO.
KAUSHIK SHIGAVAN	19203A0003
HARSHAD RAURALE	19203A0029
SHUBHAM MODI	19203A0040