

# **Project Documentation**

The conventional method of taking attendance is done manually by the teacher or the administrator which requires considerable amount of time and efforts also involving errors and proxy attendance. As the number of students are increasing day by day, it is a challenging task for universities or colleges to monitor and maintain the record of the students.

## **Overview of Content**

An automated attendance system that consists of a web system for entire organization to record attendance. Each Class room or department has its own login. On login the class faculty can see a list of students or members registered under it. The faculty may take the attendance and mark the present students using checkbox provided in front of every student name. This attendance sheet is stored and sent to the central administrator of the organization and stored there.

This Application uses php as a front-end and sql as the back-end.

## **Guidelines for Project:**

**Project Name : Automated Attendance System**

**Deadline of the project : 2 Month**

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- **Admin login and admin dashboard:** It has admin login who has the authority of the system. He can view all the attendance records of all class. Admin will provide login id to every class teacher for accessing the system.
- **Attendance System:** The system contains list of students of all classes. There are two checkboxes of absent and present available in front of every student's name. Faculty can tick mark on absent and present accordingly.
- **Report Generation:** The system also generates an overall report of every class for a specified period.
- **Search Option:** There is search option available in system through which the admin can search by any particular student's name and can see their attendance record.

**Advantages:**

- It excludes the use of paper work and human efforts.
- The system is helpful as it generates a systematic overall report of every class attendance.
- The system helps the faculty to easily find out defaulters in a single click.
- It maintains the records in a large database instead of conventional method of maintaining register which further simplifies the process of searching for a particular record.
- User may easily get attendance history of a particular student.
- The system introduces a manageable and systematic approach of maintain attendance records.
- It saves user time, cost and institute resources.

**Disadvantages:**

- The only disadvantage is that every class requires a computer or a laptop to access the system.
- There should also be a Wi-Fi or internet connection available in every class.

**Applications:**

- The system can be used for schools, college, or universities for taking down attendance.
- The system can be used during parents meeting to show parents about their children's attendance performance.
- It can also be implemented in organizations for attendance.

