**ABSTRACT**

**Attendance Manager(Mobile Application and WebSite)**

**Existing System**

The current attendance taking system is fully offline, takes time to update in the database and is time-consuming. The current system is manual, in our new system we are trying to make it an online process.

**Proposed System**

**Objective:**

In this project, we make the process of taking the attendance an online process while the lecturer is still in the classroom, and will be updated directly in the database.

**Modules:**

1. In this project, we make create a mobile application through which the lecturer is able to log in.
2. After login, the lecturer can update the attendance information in the database.
3. The mobile application can also be used to send a notification to the Parent/Guardians if the student is absent in the class.
4. In this project, we make a website, through which the lecturer can log in.
5. After logging in, the lecturer can view the statistics of the student such as. , attendance of the student, day-to-day attendance, percentage, total number of classes the teacher has taken according to the subject.
6. A website (module) for students is created.
7. The students through the website can view their daily attendance and percentage.

**Software Requirements:**

1. Web browser
2. Android phone

**Platforms:**

The following software’s are being used in this project

1. HTML
2. CSS
3. JAVASCRIPT
4. SQL
5. ANDROID(java, XML)

**Tools:**

The following tools are used to develop the application and the webpage.

1. Android Studio
2. Brackets
3. Browser

**Hardware Requirements:**

1. Processor: Intel Core i3 and above
2. RAM: 2GB
3. Hard Disk: 20GB

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