1. **INTRODUCTION**
   1. **AIM OF PROJECT:**

The aim of the project is to provide a automated college website which allows the admin to maintain the college related information in web which allows easy accessibility and maintenance, it allows to track the performance of the individual based on particular attributes and provides a query formulation language in order to easily query and fuse structured data on the web.

**1.2 PROJECT OVERVIEW:**

The web application stores the information of the student such as admission details, attendance, leave applications, marks entry and assessment details etc. it stores the information of even the employees working in the college and their performance depending on the work. It provides query formulation technique to query online on the data stored in the database User has a rights of making daily attendance. Attendance report can be taken by given details of faculty details.

**1.3 OBJECTIVE OF THE PROJECT:**

“Staff Register & Attendance Management System” is software developed for

maintaining the attendance of the staff on the daily basis in the collage. Here the admin, who are handling the subjects, will be responsible to mark the attendance of the staffs. Each staff will be given with a separate username and password based on the subject they handle. An accurate report based on the staff attendance is generated here. This system will also help in evaluating attendance eligibility criteria of a staff. Report of the staff’s attendance on weekly and monthly basis is generated.

**2. SYSTEM ENVIRONMENT**

**2.1 MINIMUM REQUIREMENTS**

* Processor - Intel P4
* Primary Memory (RAM) -512 MB
* Secondary Memory (Hard Disk) -40GB
* Monitor
* Keyboard
* Mouse

**2.2 HARDWARE REQURIMENTS**

* Processor –I3 7th Generation
* Primary Memory (RAM) – 4GB
* Secondary Memory (Hard Disk) -1TB
* Monitor
* Keyboard
* Mouse

**2.3 SOFTWARE REQUIREMENTS**

* Operating System :Windows /Linux
* Technology :PHP
* Database :MySql
* Coding Language :Php
* Front End Tool :Sublime Text

**3.SYSTEM STUDY**

**3.1 PROBLEM DEFINITION**

This system developed will reduce the manual work and avoid

redundant data. By maintaining the attendance manually, then efficient reports cannot be generated. The system can generate efficient weekly,consolidate report based on the attendance. As the attendances are maintained in registers it has been a tough task for admin and staff to maintain for long time. Instead the software can keep long and retrieve the information when needed.

**3.2 EXISTING SYSTEM**

The existing system provides the drawbacks with the proposed system. The existing system provides implementation and maintenance complications. It does not allow easy modification and compatibility with the latest technology implemented.

**3.2.1 DRAWBACKS OF THE EXISTING SYSTEM**

The Existing system is a manual entry for the Staffs. Here the attendance will

be carried out in the hand written registers. It will be a tedious job to maintain the record for the user. The human effort is more here. The retrieval of the information is not as easy as the records are maintained in the hand written registers. This application requires correct feed on input into the respective field. Suppose the wrong inputs are entered, the application resist to work. So the user find it difficult to use.

**3.3 PROPOSED SYSTEM**

To overcome the drawbacks of the existing system, the proposed system has been evolved. This project aims to reduce the paper work and saving time to generate accurate results from the staff attendance. The system provides with the best user interface. The efficient reports can be generated by using this proposed system.

**3.3.1 FEATURES OF THE PROPOSED SYSTEM**

* It is trouble-free to use.
* It is a relatively fast approach to enter attendance
* Is highly reliable, approximate result from user
* Best user Interface
* Efficient reports

**4. MODULE DESCRIPTION**

**4.1 ADMIN:** All access are given to admin login. Staff login, Student login, Staff Attendance etc.

**4.2 STUDENT:** Student Can login see their marks, attendance etc.

**4.3 STAFF REGISTER:** Staff will register here and it go’s to admin section for approval and rejection.

**4.4 STAFF LEAVE:** It maintains the leave request and approval of the Student which has the details such as date of leave, number of days, reason, leaves left, loss of pay etc.

**4.5 STAFF ATTENDANCE:** This module maintains the attendance of the students and generates the report of total classes taken, classes attended, shortage of attendance according the subjects etc.

**4.6 STUDENT LEAVE:** It maintains the leave request and approval of the employee which has the details such as date of leave, number of days, reason, leaves left, etc.

**4.7 MARKS ENTRY:** The module allows entering the marks of the student according to subject and their class. By this data the automatic generation of percentage and toppers can be done