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 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. It is also provided with library management, generation of reports.

**1.3 OBJECTIVE OF THE PROJECT:**

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 provides query formulation technique to query online on the data stored in the database.

**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**

The various administrative problems that are faced by the management in the process of decision-making are: the correctness of decision, the decision environment, timing of decision, effective communication of decision, participation in decision-making and implementation of decision.

**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**

* Modifications and maintenance is complicated.
* Data storage and managing is a tedious job.
* It is time consuming as many manual calculations are involved.
* Does not provide accurate results.
* Requires more man power for maintaining the data.
* Not accessible in the network.
* Taking backup of data is time consuming.

**3.3 PROPOSED SYSTEM**

The proposed system overcome the drawbacks of the existing system and provides a automated way of maintaining the data of the college. By this the proposed system allows to cope up with the present technology.

**3.3.1 FEATURES OF THE PROPOSED SYSTEM**

* The updating and maintenance is an easy task.
* The concept of Biometric attendance maintains the data automatically.
* Easily the performance can be tracked depending on the work
* Allows online querying on the data.
* Generation of reports and calculations are easy tasks.
* Large amount of data can be stored and taken back up in short period of time.
* Easy accessible of information as the application is maintained on the network**.**

**\\**

**4. MODULE DESCRIPTION**

**4.1 ADMINISTRATOR:**

All Access are given to administrator.

**4.2 STUDENT ADMISSION:**

This module maintains all the information related to the student and allows for the modifications. It includes the following sub module.

**4.3 ADMISSION:**

The sub module stores the information of admission data of the student such as admission number, documents submitted, year of admission etc.

**4.4 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.

**4.5 LEAVE**:

It contains the information of the student related to the leave taken and its approval. It has the student name, date of leave, reason etc.

**4.6 MASTERS:**

All Master Pages will be comes here like: Student master, staff master, admin module

**4.7 REPORTS:**

The college require the report generation for the future use. This application allows automatically generating the report and taking the print. It generates the report of student, Employee, fees and the books of the library.

4.8 **STAFF REGISTRATION:**

All Staff will register here and view data, display data, to admin