INTRODUCTION

**1.Introduction**

**1.1 Introduction of the system**

**1.1.1 Title of the project**

College Activity Management System

**1.1.2 Project Category**

Web Application

**1.1.3 Overview**

Activity Management is the application of project management to the creation and development of college activities from associations such as EC& CC associations. Admin& Staff can get all the information through this system.

**1.2 Background**

**1.2.1 Introduction of the company**

Not applicable

**1.2.2 Existing System**

Currently our college has manual system of managing college related activities. This manual system gives us very less security for saving data and some data may be lost due to mismanagement. This system is not providing proper activity information. The system is giving manual information through the Activity Management Executer.

**Limitation of Existing System:**

* The existing system’s process is quite complex and manual one.
* The Activity Management System has to keep records of activities manually.
* Assurance of the data security is not given.
* Man power requirement is huge.
* Paper work results in a lot of space to keep data.
* It has chance of happening human errors.
* It increases the paper work and takes more time for registration of student.
* It does not provide the student details who participated in the activity.
* In long run it is difficult to maintain records.

**1.3 Objective of the System**

Objectives are the pre-determined goals or outcome of the system process. Objectives determine the final output of a process. Objectives are to be planned in the initial phase, the purpose of the project is to build an application program to reduce the manual work for managing the college activities efficiently and neatly.

**1.4 Scope of the System**

Scope is the limitation that a process faces from the beginning to the end. It may help collecting perfect management in details. Scope can be altered in any phase including the initial one. The purpose is to maintain a centralized database of all activity related information. It satisfies the user requirement.

* Active internet connection.
* If participants lost user name and password.
* Language issue.

**1.5 Structure of the System**

**Module Description**

This specifies the different modules of the software.

**1.5.1 Login**

This module allows the admin & staff to visit the web application.

**1.5.2 Admin**

**1.5.2.1 View Activity**

This module allows the admin to view the details about the activity.

**1.5.2.2 View attendance**

This module allows the admin to view the attendance of the students, recorded and reported by the staff.

**1.5.2.3 Manage Association**

**1.5.2.3.1 Add Association**

This module allows the admin to add association.

**1.5.2.3.2 Update Association**

This module allows the admin to update association details.

**1.5.2.3.3 Delete Association**

This module allows the admin to delete association record.

**1.5.2.4 Manage staff**

**1.5.2.4.1 Add staff**

This module allows the admin to add staff.

**1.5.2.4.2 Update staff**

This module allows the admin to update staff details.

**1.5.2.4.3 Delete staff**

This module allows the admin to delete staff record. **1.5.3 Staff**

**1.5.3.1 View Activity**

This module allows the staff to check the detail about the activity.

**1.5.3.2 Manage Students**

**1.5.3.2.1 Add Student**

This module will allow the staff to add student.

**1.5.3.2.2 Update Student**

This module will allow the staff to update student details.

**1.5.3.2.3 Delete Student**

This module will allow the staff to delete student record.

**1.5.3.3 Record attendance**

This module allows the staff to record and report student attendance.

**1.5.3.4 Manage activity**

**1.5.3.4.1 Add Activity**

This module allows the staff to add activity.

**1.5.3.4.1 Update Activity**

This module allows the staff to update activity details.

**1.5.3.4.1 Delete Activity**

This module allows the staff to delete activity record.

**1.5.3.5 Edit Profile**

This module allows staff to update their personal profile.

**1.6 System Architecture**

**USER**

**USERS**

**BUTTON**

**GUI**

**DROPDOWN**

**MYSQL**

**RDBMS**

**FUNCTIONS**

**STAFF**

**DB**

**PROCESSING HARDWARE**

**OPERATING SYSTEM**

**XAMPP**

**CONNECTION**

**PHP LIBRARY**

**PACKAGES**

**ADMIN**

**COLLEGE ACTIVITY MANAGEMENT SYSTEM**

**TEXTBOX**

**CSS**

**HTML**

**Fig(1.1) System Architecture**

**1.7 End User**

* Admin
* Staff

**1.8 Software/Hardware need for the Development**

**Hardware**

* **CPU:** Intel core processor with 64 Bit support, Recommended: 2.8GHz or faster processor.
* **Disk Storage:** 4 GB of free disk space or higher.

**Software**

* **XAMPP , Apache, MySQL** Servers.
* **OS:** Windows 7 or higher windows system.
* **Frontend:** HTML, CSS.
* **Backend:** PHP, MYSQL**.**
* **Notepad++** or similar editor for writing code.

**1.9 Software/Hardware need for the Implementation**

**Software**

* **Web Browser:** Chrome, Mozilla, Firefox.
* **RAM:** 50 GB.

**Hardware**

* **CPU:** Intel core processor with 64-bit support, Recommended:2.8GHz or faster processor.
* **Disk Storage:** 4 GB of free disk space or higher.