

# ARBA MINCH UNIVERSITY

## DOCUMENTATION OF IP



TITLE OF GROUP SEVEN(7) SECTION G3C

ONLINE ATTENDANCE MANAGEMENT SYSTEM (OAMS)

TEAME MEMBERS NAME

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## **INTRODUCTION :**

**Online** Attendance Management System is a software developed for daily student attendance in sawula campus. It facilitates to access the attendance information of a particular student in a particular class. The information is sorted by the operators, which will be provided by the teacher for a particular class. This system will also help in evaluating attendance eligibility criteria of a student. This Online Attendance Management System software is designed and implemented in such a way that taking student attendance in a class is done in a more effective way. This software is based on inserting, deleting, searching and updating of database.

### **PROJECT BACKGROUND**

Attendance is a requirement for Sawula Campus-based programmes of study, full or part-time, and is key to students' successfully completing our programmes. Most students currently register their attendance by signing paper. These records are then manually processed by departmental staff, who follow the current Attendance Management guidelines detailed on our website. For the past year we have been developing an online tool to more effectively record student attendance, which will be easier and less time-consuming for both teacher and students. This is called the Online Attendance Management System (OAMS).

### **ORGANIZATION BACKGROUND**

Sawula Campus still use old method to take attendance student by giving attendance sheet and the student only needs to correct that paper. By use this method, many students by asking their friends to help them to correct their attendance if they absent. With this method, lecturers have to analyze and record the attendance list manually to know who absent and come to class. If the attendance sheet lost, the lecturers have to take attendance again and this will give opportunity to students to cheat their attendance. By using existing system resulted many problems such as, finding all reports, searching special student record and this study of system attendance Online Attendance Management System(OAMS) become to eliminate old manual method.

### **PROBLEM STATEMENT**

Sawla campus uses paper based manual attendance system by giving the lecturers attendance sheet to check whether the student is attended the class or not. For the sake of this system many problems has faced that manual system.

- ❖ The teachers need to hire student attendance sheet Excel to collect and file student attendance is lost.
- ❖ .Loss of instructional time production to search students on the attendance sheet.
- ❖ Statistical information is not easily to be derived
- ❖ Time consuming

#### **GENERAL OBJECTIVE**

Online Attendance Management System is software developed for maintaining the attendance of the student on the daily basis in the Sawula Campus. Here the teacher, who are handling the subjects, will be responsible to mark the attendance of the students. Each teacher will be given with a separate username and password based on the subject they handle. An accurate report based on the student attendance is generated here. This system will also help in evaluating attendance eligibility criteria of a student Report of the student's attendance on weekly and monthly basis is generated.

#### **Specific OBJECTIVE**

Online Attendance Management System(OAMS) is software developed to minimize time consuming, cost and manpower. (OAMS) wanted in sawula campus used to simple taking the attendance of the student.

#### **SIGNIFICANCES OF THE PROJECT**

The development of this system was very important to Sawula Campus; because of applying attendance easily and systematically. Using this system will reduce the absenteeism mistakes of the students in the classes of the campus, due to their friends those presenting the absenteeism while they are absent. This system is for

the benefit for Sawula Campus , because it is used to determine if the person arrived or not. The time frame of the Lecturers will be safe to provide in their session, OAMS has sometimes been used to access control in many different areas, from asset tracking to limiting access to restricted areas. although the use of OAMS systems in educational institutions is new, it is intended to solve daily problems in other university.

**It Reduce paperwork and save time and money with mobile and cloud-based attendance management system.**

**To Eliminate duplicate data entry and errors in time and attendance entries.**

**To Improve visibility to track and manage student attendance & absenteeism across multiple sawula campus.**

#### **SCOPE OF PROJECT**

**The main scope of this project is to verify the regulation for attendance at Sawula Campus. It also includes student registration, class registration, schedule of course. The current system uses manual system which time consuming, labor wastage and resource wastage but our proposed system solve this problem by making online or computerized so teacher can super vise student attendance easily.**

#### **LIMITATION :**

- **Less security provided, and there are possibilities of frauds.**
- **If the system failed by some case it will destroy our information or data.**
- **It takes more cost to distribute the data in some place.etc.**

