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System Review on Attendance Management System

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Abstract:- Previously it was very hectic and tedious job to enter & maintain attendance of student manually. After the entry of application software it somewhat became efficient to manage attendance on computer system. Now a day with the use of android phone every work can be optimized and modified. Our aim is to optimize the work of faculty member through our application. So we are developing online attendance management application. This is installed in android mobile phone and we provide user id and password for the security purpose. Online attendance management app provides many benefits to colleges and organizations.

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I. INTRODUCTION

Attendance Application is a software developed for daily student attendance in collages and institutes. Facilitates access the attendance information of a particular student in a particular class.Attendance Management System basically has two main modules for proper functioning

• First module is admin which has right for creating space for new batch. Any entry of new faculty, Updation in subject if necessary.

• Second module is handled by the user which can be a faulty or an operator.

User has right of making daily attendance. Attendance can be taken in two ways-

• On the basis of Subject and month.

The project aims at developing android application which has following features:

• Keep record of different entities like; Teachers details, Students details, Institutes Department etc.
• Easy way to enter new user.
• Keep record of complete information of a institutes in database.
• Easy way to login and log out.
• No need to invest heavily on Hardware.

II. LITERATURE REVIEW

In[7] The purpose of developing attendancemanagement system is to computerized the tradition way oftaking attendance. Another purpose for developing thissoftware is to generate the report automatically at the end ofthe session or in the between of the session.

In[2] The design and implementation of the system is to provide service in institute and colleges. The system is to provide comprehensive student information system and user interface is to replace the current paper records. College Staff uploads attendance, results and college notifications through a secure, online interface using android devices.

In[4] The rapid progress inmobile technology has created a new area which is knownas mobile learning. Mobile learning is the next generationof e-learning that leads attractive way ofknowledgedelivery especially used in teaching and learning process. With development of this Android application the student preferred to use mobile devices as technology supporteducational tool. This system is designed because notesdictation in the class is difficult considering semester duration, student might miss the exam and importantnotice displayed due to unawareness, chances of falsemarking of attendance is more due to more paper workdone manual attendance entry, evaluation and reportgeneration is tedious and time consuming job.

In[5] In this paper basic problem of student attendance management is defined which is traditionally taken manually by faculty. One alternative to make student attendance system automatic is provided by Computer Vision. In this paper we review the various computerized system which is being developed by using different techniques. Based on this review a new approach for student attendance recording and management is proposed to be used for various colleges or academic institutes.

Actual Work

The online attendance system allows the user to take the attendance with good and easy use Graphical User Interface. System is designed to update all other modulesalmost instantly and is suitable for commercial use.

Working of our project as follows:

• First of all our project is based on the online attendance by using android application.

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- After opening application, user have to login to the application which will begiven in our First page there are some fields which is filled by users like
  - Enter login id
  - Enter your password
- If your login id and password is correct than you can proceed further otherwise you will be stucked on that page
- Proceeding to our next process after completion to fill the two fields click on Submit button then go to the Home page.
- In our Home page there are five operations which can be performed by clicking on the Button first one is

Attendance : In this field we are showing list of subjects in which attendance will be taken. After selecting the subject a list of students will occur with checkbox. User can check on the checkbox while taking attendance. The checked student will be marked as absent. After taking attendance, it is submitted and a popup box is generated showing about the number of students absent and present.

Logout :

In this field user can logout by clicking the button logout. And the user will redirected to the login page.

APPLICATION

- It used in schools and colleges
- It used in organizations.

ADVANTAGES

- It is relatively fast approach to enter attendance.
- It is highly reliable.
- It has appropriate result.
- Best user Interface can be experienced.

III. CONCLUSION

The "Attendance ManagementApp" gives reduced paper work and saves time to generate accurate results from student's attendance.Itprovide security by using individual login id and password. This application is very useful for schools and colleges.

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