SMART PROJECTOR SYSTEM

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ABSTRACT

An Education system in India has become so advanced in last decade due to the development of the technology. Smart class, video conferencing are some of the examples of modern trends in educational system. These applications help the institute to move forward quickly, fulfil their vision and accomplish their goals, E way. The core idea of research project is to implement Android based application for attendance management system for advancement of institution and educational system. Computer technology has rapidly been improving. This, as a result, has made a change in human life style. One of technologies that have brought an impact on this life style is the use of computer technology embedded in mobile communication device. The use of this technology, in fact, can help human in obtaining the update information in many aspects, one of which is in educational aspect. Mobile computing and wireless communication technology development, the mobile learning (M -learning) as digital learning [E - a branch of learning] are increasingly attention. Mobile learning as a kind of brand-new learning in school education and training form of field application of immeasurable potential, but so far, both theoretical research and application practice, mobile learning is still at the primary stage.

I. INTRODUCTION

Nowadays, mobile devices have become a way of life for students especially in higher education. Computers are now replaced by compact smart phones that can be fit into pocket and can be carried anywhere. The rapid progress in mobile technology has created a new area which is known as mobile learning. Mobile learning is the next generation of e-learning that leads attractive way of knowledge delivery especially used in teaching and learning process. With development of this Android application the student preferred to use mobile devices as technology supported educational tool. This system is designed because notes dictation in the class is difficult considering semester duration, student might miss the exam and important notice displayed due to unawareness, chances of false marking of attendance is more due to more paper work and manual attendance entry, evaluation and report generate on is tedious and time consuming job.

Timely updates to parent are not possible. With this system teacher can upload notes, time tables, assignment on server and broadcast it to the registered mobile numbers so that it is easily accessible to student by their own smart phone. This system enables student to learn anywhere, anytime and at their own convenience. This system

makes students to be active, responsive while learning their academic. Another application that is provided by this system is smart attendance evaluation and report generation. Smart phones are based on operating systems like blackberry, IOS and Android. To design proposed project, smart phones with Android operating system are chosen because penetration rate of Android OS is 70 percent. It is open source and free ware. This system helps teacher to take attendance through smartphone and keep record of students for their progressive assessment. The use of Mobile Learning to support the teaching learning process is considered important to add the flexibility in the activity of teaching and learning. Thus, the learning process can be done anywhere and anytime.

II. LITERATURE REVIEW

An Education system in India has become so advanced in last decade due to the development of the technology. Smart class, video conferencing are some of the examples of modern trends in educational system. These applications help the institute to move forward quickly, fulfill their vision and accomplish their goals, E-way. The core idea of research project is to implement Android based application for attendance management system for advancement of institution and educational system. The proposed project will be implemented in applications such as online study material, notices, academic calendar and online reminders of examination, online attendance record, performance record, and parent intimation system using Android applications. This system helps teacher to take attendance through smartphone and keep record of students for their progressive assessment.

Mobile learning is a relatively new research area, it is the basis of digital learning by the effective combination of mobile computing technology, make learners can at any time at any place you want to get the knowledge information, realizing the real sense of autonomous learning, finally realize the socialization and lifelong learning. The Android operating system based on Linux is launched nearly 1-2 years of technical platforms, but because the Linux based operating system is a set of Android open-source mobile phone operating system of standardization, strong commonality and Internet sex, and does not exist any previous hinder the exclusive mobile industry innovation barriers, so to get a cell phone manufacturers and operators, relies on its popular in the flexibility of the system, openness, and open Internet concept, will benefit us under the information technology environment, realize liberalization, individuation, multiple mobile learning have a positive impact.
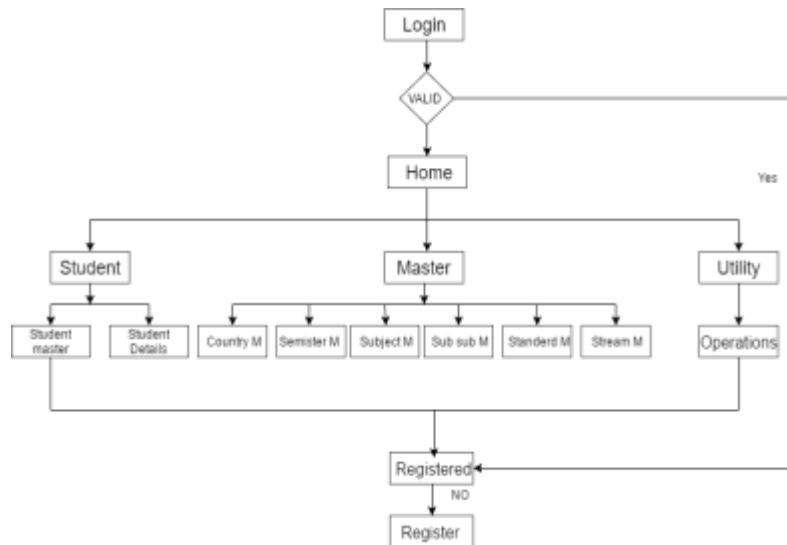
III. MODULE AND THEIR FUNCTION

3.1Student Module: In this modules there are 2 sub-modules. One is StudentMaster and StudentDetail. StudentMaster is used by students to store the information.StudentDetail is used by teachers to refer the student's data.

3.2 Master Module: In this module there are 7 sub-modules. StandardMaster ,SemesterMaster , StreamMaster, SubjectMaster , SubsubjectMaster , CountryMaster , StrstdsemsubjectsubsubjectMaster. This modules are use to store data about semester , standard , subject and subsubject.

3.3 Utility Module: This module is used to perform operations of another modules.
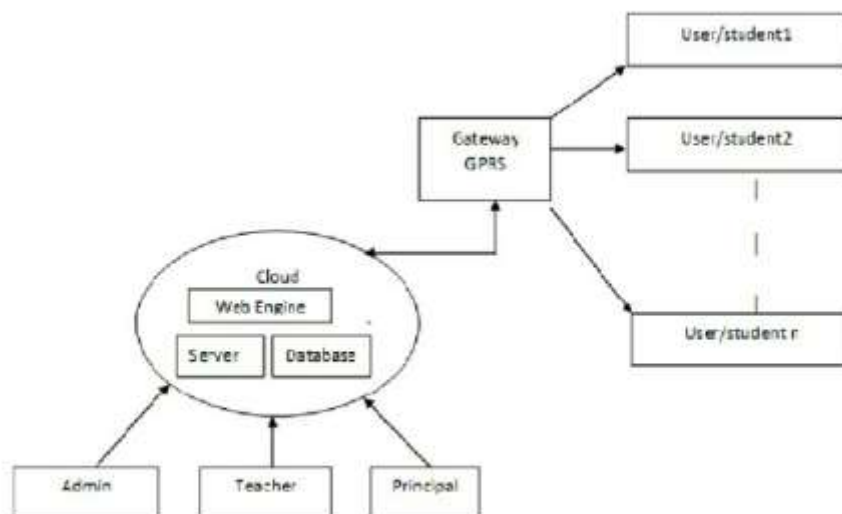
IV. SYSTEM DESIGN

V. CONCLUSION

- Easy learning for students and easy management for teachers.
- Easy maintenance of records for teachers.
- Reduces paper work.
- Easy access of data and information for teachers and students.

VI. SYSTEM ARCHITECTURE

VII. ACKNOWLEDGMENT

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