An Android Application For College Information About Student

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ABSTRACT

Smart phones have become an part of everyone's life. With these smart phones the human life is changed for better. "Application software for College Information About Student" is a college information management application which basically aimed at managing most of the information about student present in college. Today in colleges student details are entered manually. The student separate records are tedious task. Referring to all these records and updating is needed. There is a chance for more manual errors. As mobile devices have become popular; there appears a new trend to release all kinds of campus information by intelligent mobile terminals. We describe a network for distributing campus information among lecturers and students. The concept of developing campus information system is to ensure that student can access information at any time, at any locations. The main objective of this app is to make advancement in education system and college activities. This application helps in adding mobility and automation in managing the college information.

Keyword : - *Application, Attendence, Student information etc….*

1. INTRODUCTION

India has the fastest growing telecom network in the world with many users moving towards Smart Phones and majority by students. Android is a reliable software development kit issued by Google in order to provide developers with a comprehensive set of tools for building Android applications. If used properly, the SDK(Software Development Kit) and JDK (Java Development Kit) is able to deliver state-of-the-art software for Android devices In other words, the SDK includes only the basic utilities for Android app development. In today's time most of the colleges have their own websites which displays college information, students can get timetables, test schedules, event schedules on these websites. But for retrieving this information the students have to log in to the website. The students can visit the website if they are having internet connection and these websites can be viewed on mobile phones as well. There is one problem with the websites that if there is no internet connection then these websites cannot be reached. Hence offline connectivity is the biggest issue with the websites. The college management involves execution of different activities, using different software for different purposes is very difficult job. So the best solution for this is to make one software for carrying out different activities involves in college management. The software can be made for mobile phones, this is called app. There are different operating systems for different mobile phones but the 83% of mobile users uses android based mobile phones. So this paper focuses on development of Android Based College management system development

2. Design And Implementaton

ANDROID

Android is a mobile operating system (OS) first developed by a Silicon Valley company by the name of Android Inc. A collaboration spearheaded by Google in 2007 through the Open Handset Alliance (OHA) gave Android an edge in delivering a complete software set, which includes the main OS, middleware and specific mobile application, or app.

- ➢ Initially, Andy Rubin founded Android incorporation in Palo Alto.Califorinia, United States in October 2003.
- ➢ Basically the main motive of using android is to make the mobile application more user friendly.
- ➢ Originally Intended for camera but shifted to smart phones later because of low market of camera only.
- ➢ By making use of android enables us to reach to large numbers of people.
- ➢ As in india the numbers of android users are increasing rapidly.
- ➢ In 2008, HTC launched the first android mobile.

2.2 JAVA:

Java is a high-level programming language originally developed by Sun Microsystems and released in 1995. Java runs on a variety of platforms, which are available and mostly used in todays day to day world. Java is considered to be more dynamic than other lower layer language since it is designed to adapt to an evolving environment. Java programs can carry extensive amount of run-time information that can be used to verify and resolve accesses to objects on run-time.
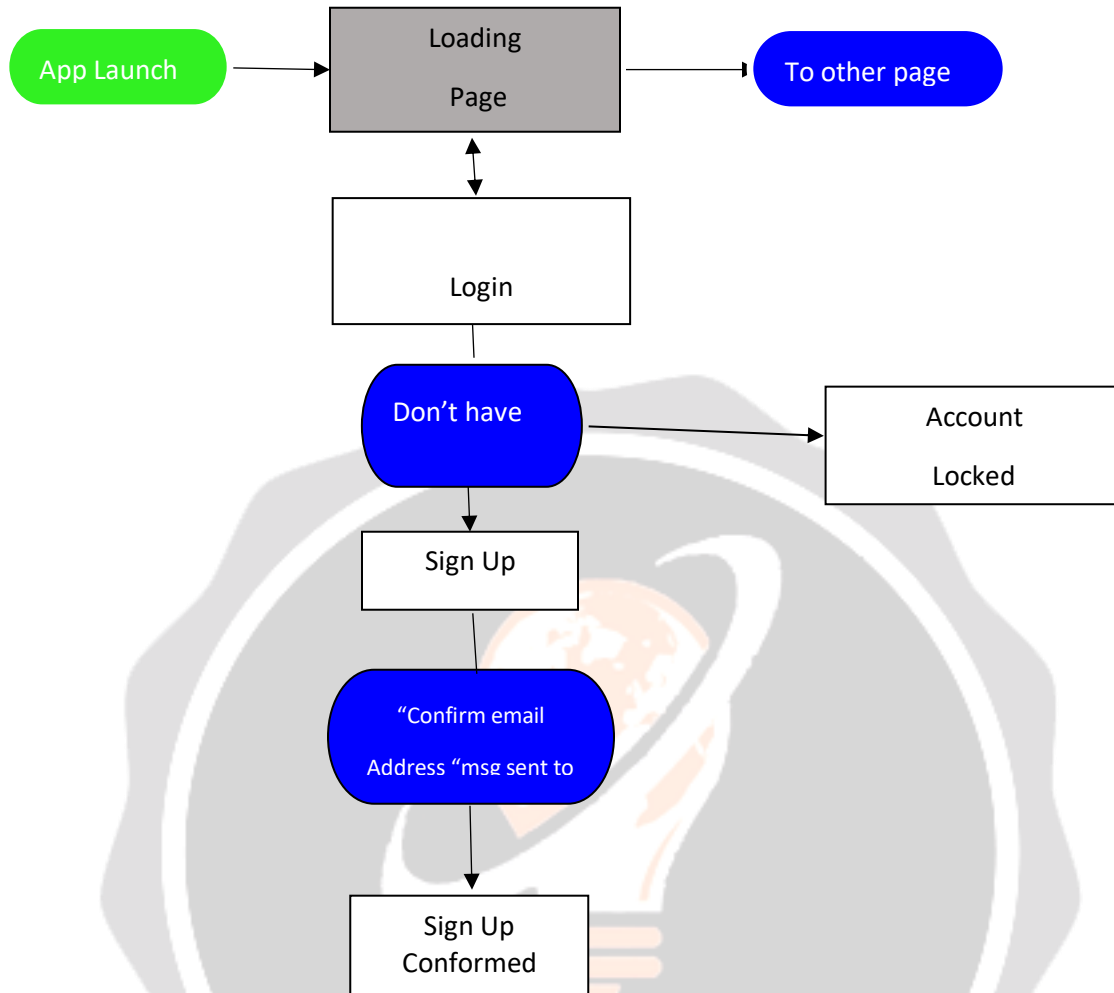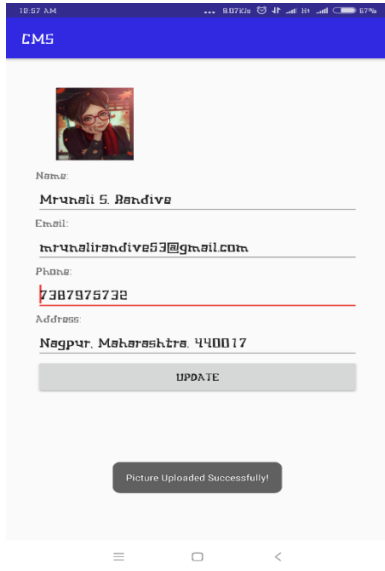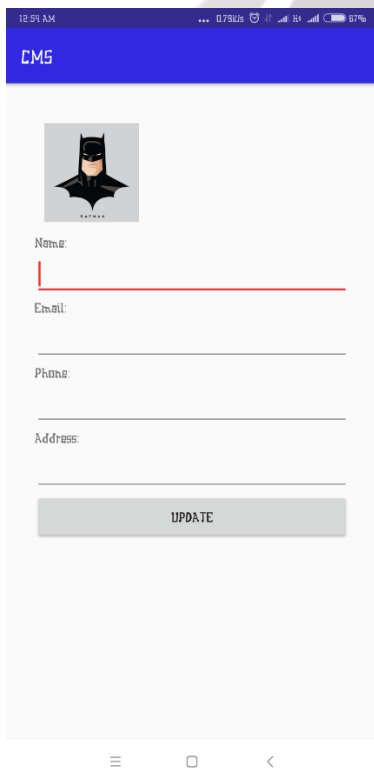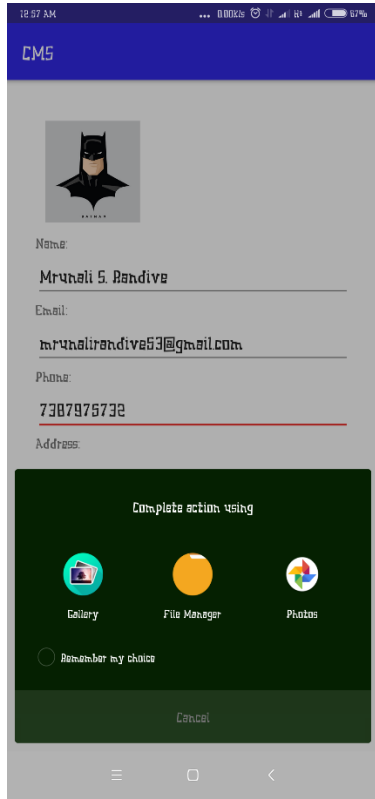
2.1. LOGIN

App Launch

Loading

Page

To other page

Login

Don't have

Account

Locked

Sign Up

"Confirm email

Address "msg sent to

Sign Up
Conformed

Fig: Login Activity Flow

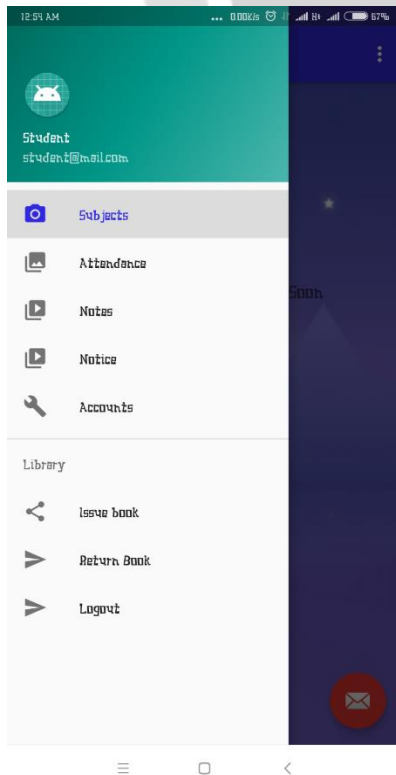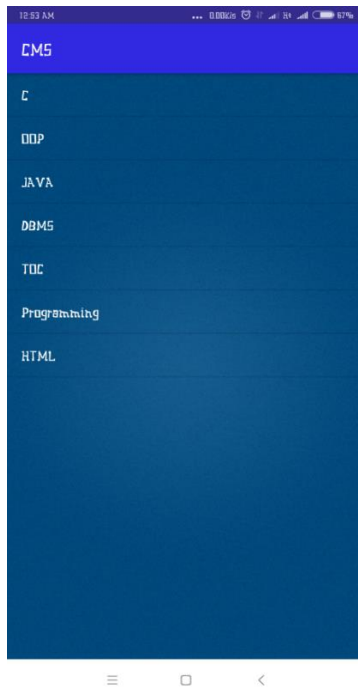**2.2 REGISTRATION**

2.3. CMS ACTIVITY

2.4. STUDENT DATA

2.5. LANGUAGES

3 CONCLUSIONS

Attendance module which shows the student present in a class or not. Teacher should taken attendance in a class through the application in which just click the roll no which are present in the class and them online message to student ID Notices modules also their which declare students atcivities taken or not and provide college information Library modules in which book issuse date and receive date are a shows into the application Receive date of book are get remind before one day of receive date into applications. Study material by faculty module in which teacher can send pdf and notes or related about subject and study materials

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