**Mobile Application for Student and Faculty Chatting**

**ABSTRACT**

Now a day’s android system is becoming more popular, especially in the Smartphone market. Because there are some of the development tools which is available free are used to generate many applications in an android platform. The main reason for its popularity is, it also provides a very convenient hardware platform for developers. The main objective of this application is to develop an android application for student and faculty chatting through android mobile. This is used for the college organizations to communicate faculty with students at anywhere and at any time through the android mobile.

**EXISTING SYSTEM**

 In the existing system, we have web portals to communicate or chat with others. But, that web portals are not efficient for all persons. The devices are not portable so, at any where we cannot chat with others. In colleges, if any student wants to communicate with her/his faculty , student must go to faculty and talk to him. If we follow the web portal, he must go to PC and chat with particular faculty.

**Disadvantages of Existing System:**

1. Time consuming process
2. Existing system not available for all students

**PROPOSED SYSTEM**

This application is developed to share an important message which needs to reach Students within few minutes. It can be used by the different group of people like trip advisor, Academic events etc. The future developments which can be added to the application are, notify the Students immediately when a message is updated even when they are not logged into the application and message sharing among the Students, between Faculties, and from Faculty to Student and vice versa. This helps the entire group who registered with this application can be updated with the last minute message.

**Advantage of Proposed System:**

1. From any place students chat with their faculty member

**IMPLEMENTATION**

In this implementation we have 2 modules

1. Student Module
2. Faculty Module

**Module Description:**

**Student:**

In this module, student can register into the application and he can login into the application. After login into the application, student go to list of registered faculty names and directly he can select one faculty name and he can chat with the selected faculty.

**Faculty:**

In this module faculty can register into the application and he can login into the application. After login into the application, faculty go to list of registered student names and directly he can select one student name and he can chat with the selected student.

**SYSTEM REQUIREMENTS**

**Hardware & Software Requirements:**

1. Android mobile with a minimum version 2.2
2. Processor is not less than 500MHZ
3. RAM is not less than 170MB
4. SD card with minimum of 512MB
5. Resolution is not less than 480\*800pixs