

PIET (Application)

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Abstract: An application is a software program that is designed to perform a specific function directly for users or in some cases for another application program. So we are making an application for college students where they can ask their queries about any subject and the teachers of college will guide them with answers. Students will ask their queries to teachers by tagging them and teacher will answer queries of students by tagging them back. Login page for students and teachers will be provided for security purpose.

Keywords: SDK, login, Android.

I. INTRODUCTION

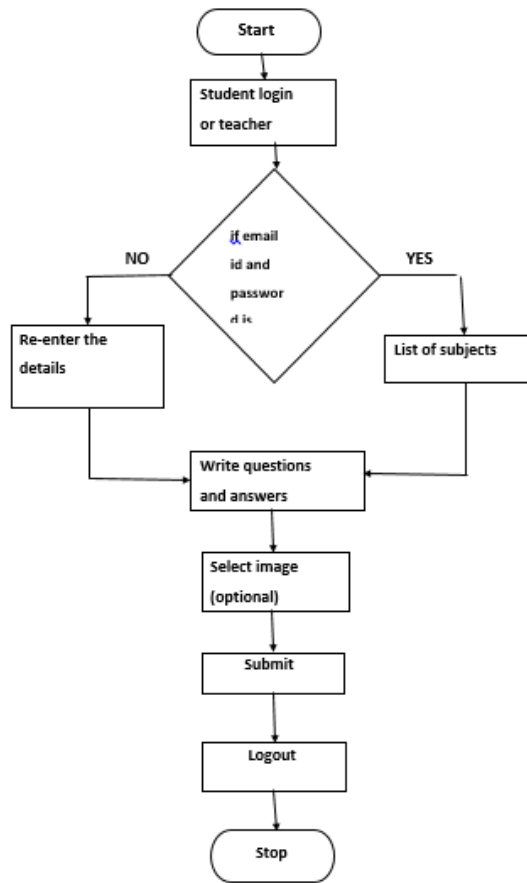
Since early times students have been using face to face communication to solve their queries from the teachers. For this we have a limited doubt. In college hour only we can ask our questions or queries. With the help of this project PIET (application) we can solve our queries by anytime by leaving a query notification for the teacher. Nowadays, Android phone has emerged as the world's most popular mobile platform. It is the largest install based of any mobile platform and is growing fast. Millions of users are using android phones and android applications are becoming more and more popular. Thus it is a better choice for developing an application for educational institution. This application will be useful for both students and teachers. Students can use this application for asking query. Whereas teachers use this application for answering that query. The front-end of project is designed using android developer tool which provide our first class development environment for building android apps. Android is a Linux based operating systems developed for smartphone or tablet computers. It is a stack of software that include operating system, middleware and libraries and APIs return in C. The android application is developed in java like language using the android Software Development Kit (SDK).IDE which is officially supported for Android apps development. The backend used is Local database.

II. OBJECTIVE

We are making an app for college where students can ask their query about any subjects and teacher of college will guide them with the answers. Student will ask their query to teacher by tagging them and teacher will answer back to the students by tagging them back.

III. SYSTEM ANALYSIS

Student and teachers will login by using their email-Id and passwords. After student login: the student will select the subject as per requirement. He/she will fire queries by simply texting them or by both texting and adding the image, adding the image is optional. And finally they will submit the query by selecting the teacher. The query will be submitted to the teacher. And the teacher will get notification. After teacher login: the teacher will be notified in two ways: 1.by simple text message 2. By application notification. Teacher will solve the query and answer the query to the respective student. After answering the query the student will be notified again by two ways 1. Simple text message 2. Through app notification after login.



CONCLUSIONS

In the above discussion it is obvious that android platform has an efficient mobile platform.

Android was developed to allow the application creator to write inventive applications, we take this environment to implement and design a PIET (application) that helps the students and teachers to communicate with each other.

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