



STUDENT INFO

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ABSTRACT:

The main aim of our Student Info Android Application is to automate the attendance or student performance details during the academic year in the form of Android Mobile Application. Our motto is to establish a good communication between student, mentor and parent. In this new era of science and Technology, computer and phones are the most important components in our life. Works can be done in an easier or we can say in a better way by the help of computers and android phones. In this student info android application we can send student present/absent status, student performance & percentage in the academics via sms.

One of the advantage of this system is you do not require net connection, Also it doesn't consume time and will yield successful and accurate results. This app is useful to the faculty not only during the college hours but also it will help them out in their home. As this is a android application it will give the student information via sms notification future, whereby every parent will be periodically notified regarding his/her child. Our system primarily focuses on building an efficient and user friendly android mobile application. The application will be manually installed on the mentor's phone which runs android os. It intends to provide on interfere to the professor who will require a user id and password to carry out the task. Apart from this, the application would support strong user authentication and quick transmission of data

INTRODUCTION:

This is a "STUDENT INFO" android app which gives the information about Students performance in particular Academic year. By this application we can send the message to the parents in order to give information about Student day to day evaluation.

Through this application, faculty can process the manual attendance and intimation of student absent

status or any other information regarding student. In this Student Info Android Application, We have already set the information of student, faculty has to just click on the hall ticket number. which means we can reduce the time and the burden of the faculty.

This Application will be installed on the Mentor phone which runs on the Android Operating System .This Android Application will give student information via SMS notification .The drawback of this Application is it will be charging you one rupee. So, it is very clear that the android application will give student Information via SMS notification feature whereby every parent will be periodically notified regarding his/her child. Our system primarily focuses on building an efficient and user friendly Android Mobile Application . The application will be installed on the mentor phone which runs on the Android OS. It intends to provide an interface to the professor who will require a user id and password to carry out the task. A part from that , the application would support strong user authentication and quick transmission of data.

RELATED WORK:

Existing System:

The Existing model allows the faculty to visit the official website designed for the faculty with a secure password and they have to use this website during the college timings and it requires server. sometimes it leads to the false results and ultimately the message is reached to the wrong person. As there is no accessibility to the website after the college timings and it can be only done if there is a availability of internet.

DISADVANTAGES:

- The user cannot modify the details of the student.

- This App can only run on Android Mobiles.
- In group we can send messages only to 10 members at a time.
- It costs 1 rupee per message.

Proposed system:

This app is user friendly. "STUDENT INFO" android app which gives the information about Students performance in particular Academic year. By this application we can send the message to the parents in order to give information about Student day to day evaluation. So, we have developed a student info application which will run on the android phones without the internet accessibility.

This app can be even used at home, because sometimes faculty have very busy schedules that they forget to do their works during the college hours.

ADVANTAGES:

- It is a time saving process. It doesn't require net connection.
- It yields successful and accurate results.
- It provides good communication between student, mentor and parent.

IMPLEMENTATION

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.

FEATURES:

- This app is useful to the faculty not only during the college hours but also it will help them out at their home.
- It yields successful and accurate results.
- It provides good communication between student, mentor and parent.

PROCEDURE:

1. Open the Student Info application which is followed by a splash screen.

2. Enter the password for registration.

If you are not registered candidate then click on the registration button for registration.

For registration you would have to enter the following fields: username, password, conform password.

If you are a registered candidate then click on the login button.

For login you have to enter the username and password.

3) You will get a page with two options:

- a) Select section A or B
- b) Select year

4) After selecting your required year and branch you have click on submit button and again you will get two fields they are:

- a) Student
- b) Group

5) If you choose student you will be able to send message to a single student, but if you choose group you will be able to send message to students in a group that is Ten members at a time.

SOFTWARE REQUIREMENTS:

The Software used for the development of this project are as follows:

Operating system : Windows, Android, Linux,
Programming Language : Java, IDE : Eclipse, Emulator: AVD, Database: SQLite, Tools used: Android SDK Tools, Android platform Tool.

Minimal hardware requirements are: The hardware used for the development of the project is: Processor: Intel Pentium- IV, RAM-2Gb, Monitor- 15 inches color, Keyboard-optical.



FUTURE ENHANCEMENT:

We are planning make this student info a user application so that the user which means the faculty can do modification and perform actions like adding student, removing student, adding details of student.etc instead of adding the details in the coding part, which is not a easy task directly we will

provide some options for modification which can be done without changing the code.

CONCLUSION:

This application is useful for the faculty, because it is easy to send the student status(absent/not) or any information regarding students in colleges and this application works in mobiles, can be used at any time even after college hours. It doesn't require net for using this application.

Most of the manual word will be reduced, and the there will not be any wastage of paper and time. Everything will be sophisticatedly arranged and accessing information will be just a few clicks away.

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