

Title : CuriousUS App

Abstract:

This project state that the information which are virtually given to each collage student as respective Branches are been acknowledged by this Applications moreover ,This project also includes teachers involvement and along with pupil(students).

This project is an APP related to android which contents of the App are been focused in the Following formats:

- 1.If in case Students face a problem and intellectual query while doing a specific task such as: doing study he/she will Post to a respective teacher and accordingly the answer will appear to all the students in there respective batch.
- 2.It also contents the task as broadcasting to the Student related to expert lecture to their particular time in any 3rd year review task etc
- 3.Event - Collage event has been an impact activity all over the campus, this App ensure to provide time table to each pupil with others information.
- 4.Provides project related stuff relevant to student which will help in doing there project .A particular student can have any Query related to project can get instance solutions of that Query by the teacher itself, the updates of the project can also be sent to the teacher on time ,reduce time complexity

Keywords: Java, Android studio, Database, IDE(if necessary netbeans),intercommunication networking

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Introduction:

This Project is based on Android Studio it's a platform where this Application(APP) will be develop, this Application is about mainly to the pupil where communication between teachers are been less from decades, to reduce the communication this Application becomes more useful for all the Students from the campus .The Application will consist a Login ID with Mandatory Selection of Branch respectively, According to the Student query he/she will post to the Guide/Teacher for the solution.

It will also contain the Main Event organizations which are on going through out the campus, this application is not only for curiosity but also for acknowledgement about the ongoing situations in the Collage/School(example-if a student don't know which chapter has completed he/she goes to the App and search for the Subject syllabus and seek for ongoing Chapters). Likewise-Expert lectures on going or upcoming status to all the students accordingly Branch respectively. More over this Project acknowledgement to the student what's going on the collage and mainly what are you curious about?

Literature Survey:

[0]The CuriousUS is an Android Application. It uses smart phones of android platform . The main objective is to develop an application that provides a smart and easy way for the execution of several academic operations to provide students with information regarding Important Post, any event activities, general notices, final year projects discussion and important notices regarding all departments. The application has four types of users: Student, Teachers, H.O.D., and Principal. Each type of user will have own application view respective to their type. They will have privileges according to their Post setting (Public, Custom) or their types and have rights to post things on application so that other users can view that if they are supposed to or have permission to view it. We also provide multiple features so that they can have all the academic things and information at one location. For H.O.D. and principal we will provide features to look overall the operations over the applications and have control on it.

[1] This project is mainly targeted at colleges and the synchronization of all the sparse and diverse information regarding regular college schedule. Generally students face problems in getting correct notifications at the correct time, sometimes important notices such as campus events, Post (query) and expert lecture , holidays and special announcements. CuriousUS tries to bridge this gap between students, teachers. Therefore in the real world scenario, such as college campus, the information in the form of notices, oral communication, can be directly communicated through the android devices and can be made available for the students, teachers directly for their android devices and the maintenance of application will be easier in later future because of the use of architectural MVC which separates the major works in the development of an application such as data management, mobile user interface display ,which will be the controller to make sure for fast and efficient maintenance of application.

Objectives:

The Fundamental idea about this Application will be over reducing the Query of a student and acknowledge him/her about campus status or Branch related Stuff. More over, such Application can make aware to students about any Event, Expert Lectures and any Event organized by Branch itself. this application is not only for teacher Stuff for solution but also for other User interactions

The Main Moto of this Application is to get New feeds related to Subject if any student has query he/she post to a Application and Teacher solution can be post on the Application which every other fellow can get aware about the concept related to this branch respectively. In additions to this context, objective is about awareness related to information of Subjects ,Event ,any other Problems related which can make a student more Aware of the things on going. More over Its Most important feature is to broadcast the Event/Information(any) to every User and this privilege is granted to every user on this App. This can be Achieve by the Tab called as NEW FEEDs(this is Related to Collage information overall),user can post a Information to branch specifically only.

Technical Details:

It is a Android Based Application which Consist Java Programming Language. Every Data will be stored on a Centralized Database which acts as a Server to Developer, however all the metadata are fetched from the application and get stored into a database with an identification/entry of a User accordingly.

It will also has a privacy related data which can be communicate between Teachers and Pupils, the metadata will have two options related to Post (i.e public ,private).This Application will also have Networking part which will be implement later on this Project, however the Complexity of the user interface will be ease no such Complexity will interrupt the user view related to the Application it will be user friendly Application. Here in this context the Application will have Login ID provided to the User and sign-in Option which will be linked to other platform (gmail ,yahoo, rocketmail , rediffmail) it can be linked to other Media later to this Project.

Likewise Notification will be provided to the user related to the Campus stuff and any other metadata or other User query's, this application is not only for teacher Stuff for solution but also for other User interactions . mySQL database will be used in this Project for storing the Data of user say it –TEACHER,STUDENTS.

The Architecture of this project will implement in the later phase of the Development Cycle ,it will be as ease as it will look in the later days ,In addition to this each user will have its own Unique ID which will be used in the code by pre-defined(int random())methods,The Application will be stored it history on the setting menu or Activities in more technical format interface, Menus will be a Mandatory to this project for selecting the Task by user according and seek for the Branch teacher/guide itself. There will be two regions in this project which will be more Mandatory to once, the region might such as Login-ID, Sign-In and addition to other region will be in added later to the development if Applicable*.Only Intended Metadata will be appear to the user or teachers rather then Broadcasting to any other user. Testing will be ensure to this project as soon as the Specification will be complete and Entry Criteria starts and Exit Criteria stops.

On each phase of the Software Development life Cycle there will be Testing which ensure the system is being right and fulfilling the specification as provided or requirement

As Every Project before Deployment state that “99% Application is unDefectable”

Advantages/Merits:

- 1.It will increase the communication between teachers about Questions
- 2.It will Help all metadata/Information delegates related stuff to each user.
- 3.It will provides New Feeds to the events on going In the collage campus
- 4.Post related Information[important] and get each user acknowledgement .
5. Urgent announcement can be notified to respective branches.

Hardware:

The System been used while developing the application are been mentioned below with the configurations:

- 1.Installed memory (RAM):8.00GB
- 2.System type: 64-bit operating System,x64v based Processor
- 3.Pen Touch: NO pen or touch input is available for this display

The System used by the User will have following Configuration:

- 1.Andriod version-above version 5.1 (lollipop)
- 2.RAM:1GB
- 3.Processor: Any Processor
- 4Internet connectivity:3g,4g
- 5.Mobile must be :3g,4g (Mandotary)

Application:

This application 'CuriousUs' is applicable in the sectors where the interaction between the student and the teacher, the sectors where it is applicable are as follows:

1. Universities
2. Schools
3. Tutition Classes
4. Colleges
5. Sports Academies, etc.

Reference:

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Problem Identification:

The problem these days communication between Teachers and pupil(students) are reduce. Which reduce a big time schedule between these to actors ,being gap between teachers and students are been a impact issue whenever the curiosity occur .This can be overcome to an virtual circumstances where an app will be more helpful for the future situation be it a question , or any event organized or any expert lecture or any sort of urgency however, just Open the App and Post the Query and get acknowledged by the Guides around you.