



ONE CREDIT COURSE REGISTRATION SYSTEM

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Abstract

This Application was designed for an alternative process of an web based application for an online course registration system which is being currently used in most of the universities. This application helps us to bring course registration system closer to the students who are great user of mobile devices. The developed mobile application will enable the student to register, view the course details, from the added course student can add the favorite course, the department can add courses, see the requested course and they can delete the course. The result is also capable to help the students to register their courses more easily.

Keywords: Integrated Development Setting (IDE), Automation Development Tools (ADT).

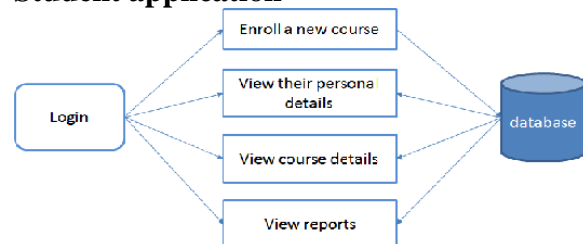
I. INTRODUCTION:

Android Studio is that the official integrated development setting (IDE) for Google's automaton software package, designed on JetBrains' IntelliJ plan code for automaton development. It is offered for transfer on Windows, macOS and UNIX system} based mostly operating systems. It is a replacement for the Eclipse automaton Development Tools (ADT) as primary IDE for native automaton application development. Gradle based build support. Android specific refactoring and quick fixes. Lint tools to catch performance, usability, version compatibility and different issues. Pro Guard integration and app signing capabilities. Template- based mostly wizards to form common automaton styles and part. A rich layout editor that enables users to drag-and-drop

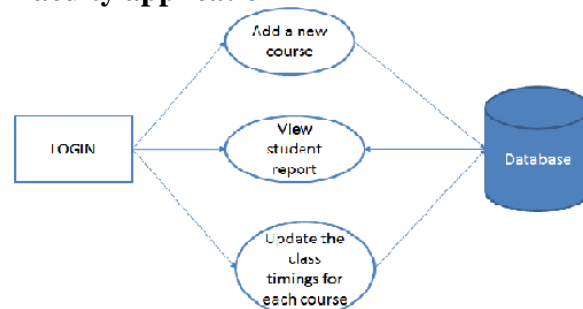
UI elements, choice to preview layouts on multiple screen configurations. Support for building Android Wear apps. Built-in support for Google Cloud Platform, sanctioning integration with base of operations Cloud electronic messaging (Earlier 'Google Cloud Messaging') and Google App Engine. Android Virtual Device (Emulator) to run and correct apps within the automaton studio.

II. System Design Architecture

Student application



Faculty application



III. Existing System

Student registration is mostly done in web portal by filling forms which is more time consuming. Student can register only in specific timings which is allocated for each course. Student cannot view their scores and there is no feature for displaying the class timings. This

system will not restrict the number of students for each course.

IV. Proposed System

Students can register through the mobile application itself at anytime. Faculty and student can view the students report for each course. Faculty can post the class timings for each course. This system keep track of completed course list for each student. This system will restrict the number of students for each course. The department can decide which course are paid and which course is not paid.

V.LITERATURE SURVEY

2.1 DEVELOPMENT OF ONLINE STUDENT COURSE REGISTRATION SYSTEM

With the advent of Information Technology in the last decade, the major focus has shifted from manual system to computerized systems. Various system viz. railway reservation, hospital management etc. involving manual work have been automated efficiently. Student course registration method in faculties involve filling registration forms manually, getting it signed by respective subject teachers, and then getting the documents acknowledged from the concerned Advisors, college Deans and Account Officers respectively. Finally the registration forms are submitted in the Administration Branch. As is obvious, this process is very laborious and time consuming. An Online Student Course Registration System has been developed to simply the current manual procedures. This system has been developed exploitation PHP, jQuery, Apache and MYSQL. The front-end is designed and managed through MYSQL. This system code is additional secured, user-friendly and less time-consuming.

Keyword: PHP, MYSQL, jQuery, Apache, Database, Database Management System, Front-end, Back-end.

2.2 DESIGN AND IMPLEMENTATION OF THE ONLINE COURSE REGISTRATION SYSTEM AT TSINGHUA

The online course registration system is that the central a part of the academic administration system, which consists of registration guidance, registration controlling, undergraduate course

registration, graduate course registration, retaking and retesting, drooping the course in the middle phase and information exchange, etc. the new course registration system at Tsinghua University was place into use in April 2009. By registering the course voluntarily, the new system improved registration mechanism, implemented course registration of common course for undergraduate and graduate students, and also supported the teaching activities across spring, summer and fall semesters. This article introduces the planning and implementation of the new on-line course registration system, including registration mechanism, technical architecture, and system design, etc.

2.3 AUTOMATED STUDENT'S COURSES REGISTRATION USING COMPUTER-TELEPHONY INTEGRATION

This research aims to introduce machine-controlled students courses registration exploitation computer-telephony integration. The number of scholars connection each college boy and graduate studies is increasing quick through most universities. Manual registration ends up in state of affairs a large range of scholars within the registration halls. Registration employees are suffering a lot. Online registration techniques facilitate a great deal however still several issues encountered. The reason is due the massive range of scholars attempting to access the university net at identical time. Accessing the wed through the Internet becomes a very slow and tedious process. In this analysis, Computer Telephony Integration technology (CTI) is used to solve these problems it would enable the students to register their courses using their telephones. Technology Application Programming Interface (TAPI) controls are used to develop a CTI application for accessing and updating registration databases. The design, analysis, implementation, and check of the designed system area unit enclosed.

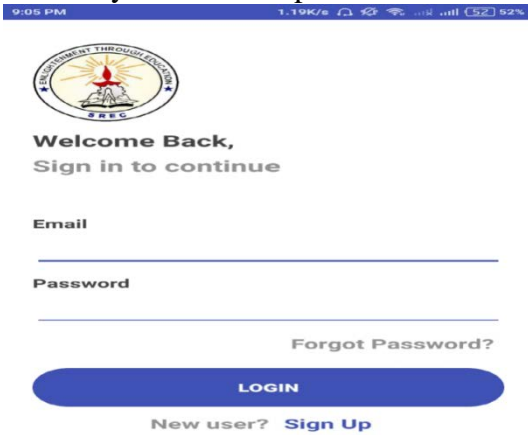
VI.RESULT AND DISCUSSION

This application is to run on mobile devices which are generally known to have an interface, the screen display was developed to accommodate the screen at a time.

6.1 Login page

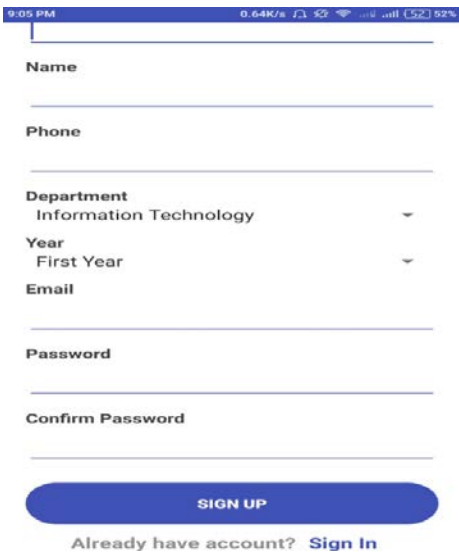
The first interface that mobile application displays once the mobile application have been

launched. This allows the student to enter their university number and password.



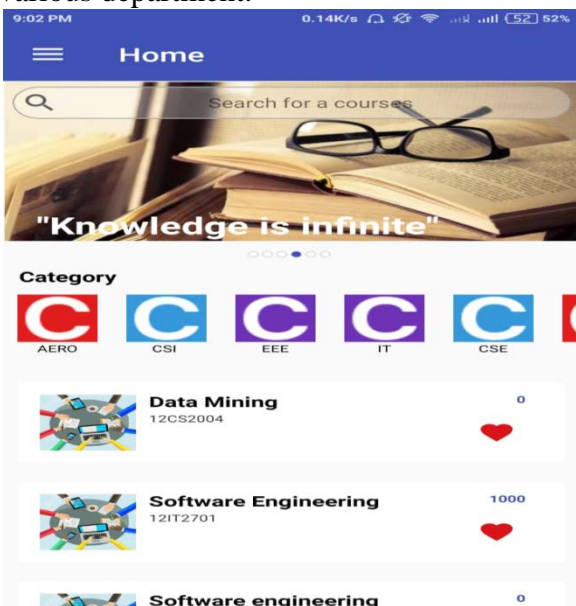
6.2 SIGN UP

This allows the student to register for the firsttime.



6.3 HOME SCREEN

This allow the faculty to choose the course for various department.



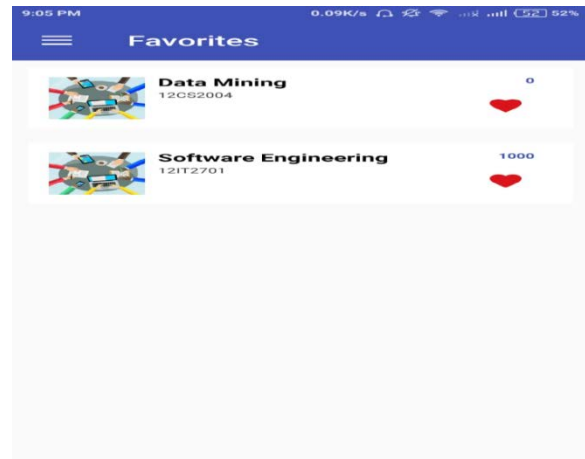
6.4 DASHBOARD

This helps the student to see their completed courses and their ongoing courses.



6.5 FAVORITE

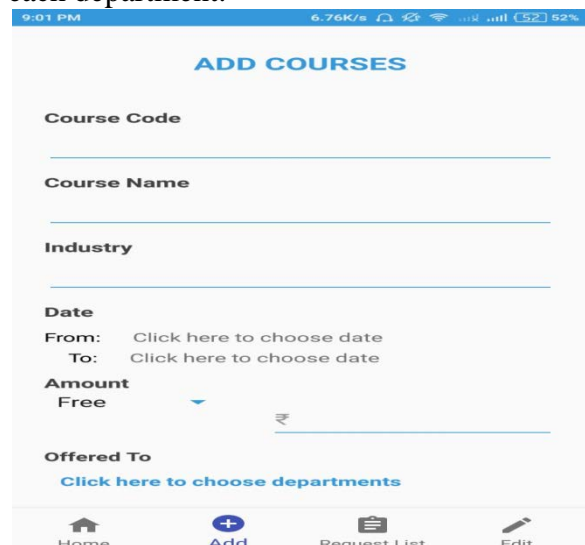
This system will help the student to add their favorite courses.



VII.FACULTY REGISTRATION

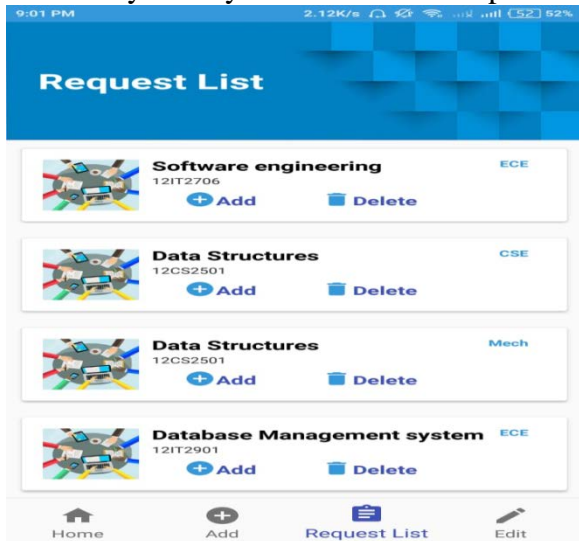
7.1.ADD COURSE

This helps the faculty to add the courses to each department.



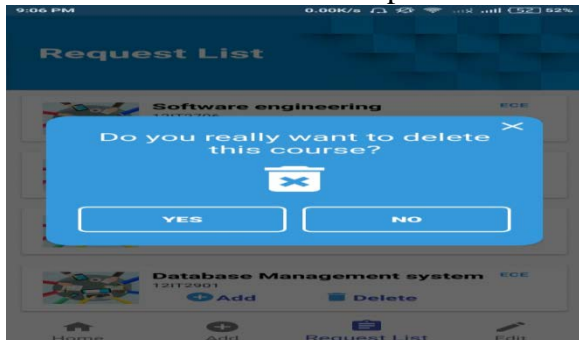
7.2 REQUEST LIST

This will allow the faculty to accept the courses which may or may not need for the department.



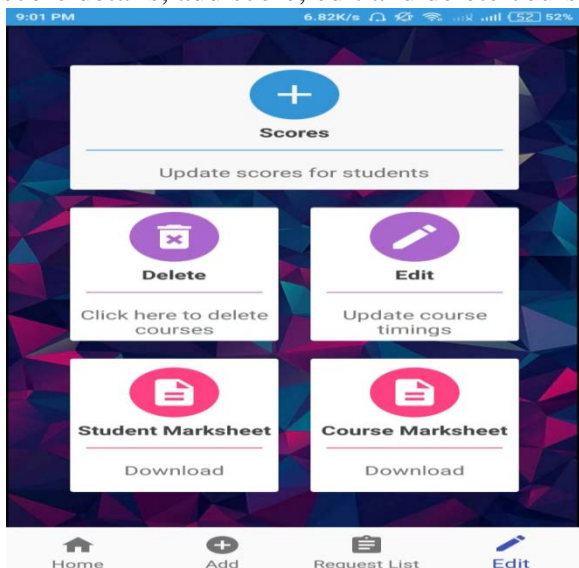
7.3 DELETE COURSE

This will allow the faculty to delete the courses which is not needed for the department.



7.4 MANAGE COURSE

This system will allow the faculty to view the score details, add score, edit and delete course .



VIII. CONCLUSION AND FUTURE SCOPE

In this paper, we propose the course registration process has been simplified through mobile

application. The currently developed system offers an efficient way to perform these operations. The students can access the registration application from a smart phone and fill the necessary information and submit it for further approval. This mobile application provides us with ease of access, user friendly and transparency. It helps in maintaining transparency, data consistency, data accessibility and easy maintenance.

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