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"Training And Placement App"

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ABSTRACT

Training and Placement application that helps student for training and job recruitment .The Training And Placement Cell is an important part of any educational institute, in which most of the work till now is being done manually. The training and placement officer has to inform around thousands of students about every single training and placement related activity. So to make the placement process easy and effective for the training and placement department as well as the students, an Android application can be developed. This application can help the placement officers to provide the details of upcoming companies.

The students will be alerted via a notification. Once the recruitment process is completed, a list of placed students will be uploaded in the application by the administrator. It would be easy for the students to view the details of those who have been recruited. The number of students placed in a particular company can be viewed by students when required. If any changes is need to be made in the student details the student can make a request to the placement officer. This project will be helpful in faster management of the placement related activities in the college campus.

Keywords: Training And Placement ,Database , Firebase , Training And Placement Officer, Android Studio,Smartphone.

1. INTRODUCTION

The use of smartphones, internet and the World Wide Web helps the user to gain information on a particular action. The internet helps the user to manage the placement process. Actually the earlier system is not computerized. All the transactions in the earlier system is done manually by maintaining a record. It will take much time for the placement officer to collect and approve all the student details. There is no proper communication between the students and the placement officer. So with the help of this application the students can easily communicate with the placement officer.

The training and placement cell plays an important role in improving the overall performance of the student. The main objective of the training and placement department is to manage the details of the placement, student details, overall academic details of the students, and their technical skills. Once the details is stored in the database, it would be easy for the training and placement officer to filter the students based on the criteria of the campus drive. The overall system of the training and placement officer is managed by the administrator.

2. METHODOLOGY

This Project is aimed at developing an online application for the Traininand Place ment department of the collage.The system is an online application that can be access throughout the organization and outside as well with proper login provided.This systemcan be used as an application for the TPO of the collage manage the student informationwith regards to placement.Student logging should be able to upload their information in the fo CV.Visitors/Company represntative logging in may also access/search any information put up by the Student.

This system modules are Login and registration,Database Creation,Placement officer,Information view by students, and List of placed students.

1. LOGIN AND REGISTRATION
2. DATABASE CREATION
3. PLACEMENT OFFICER
4. INFORMATION VIEW BY THE STUDENTS

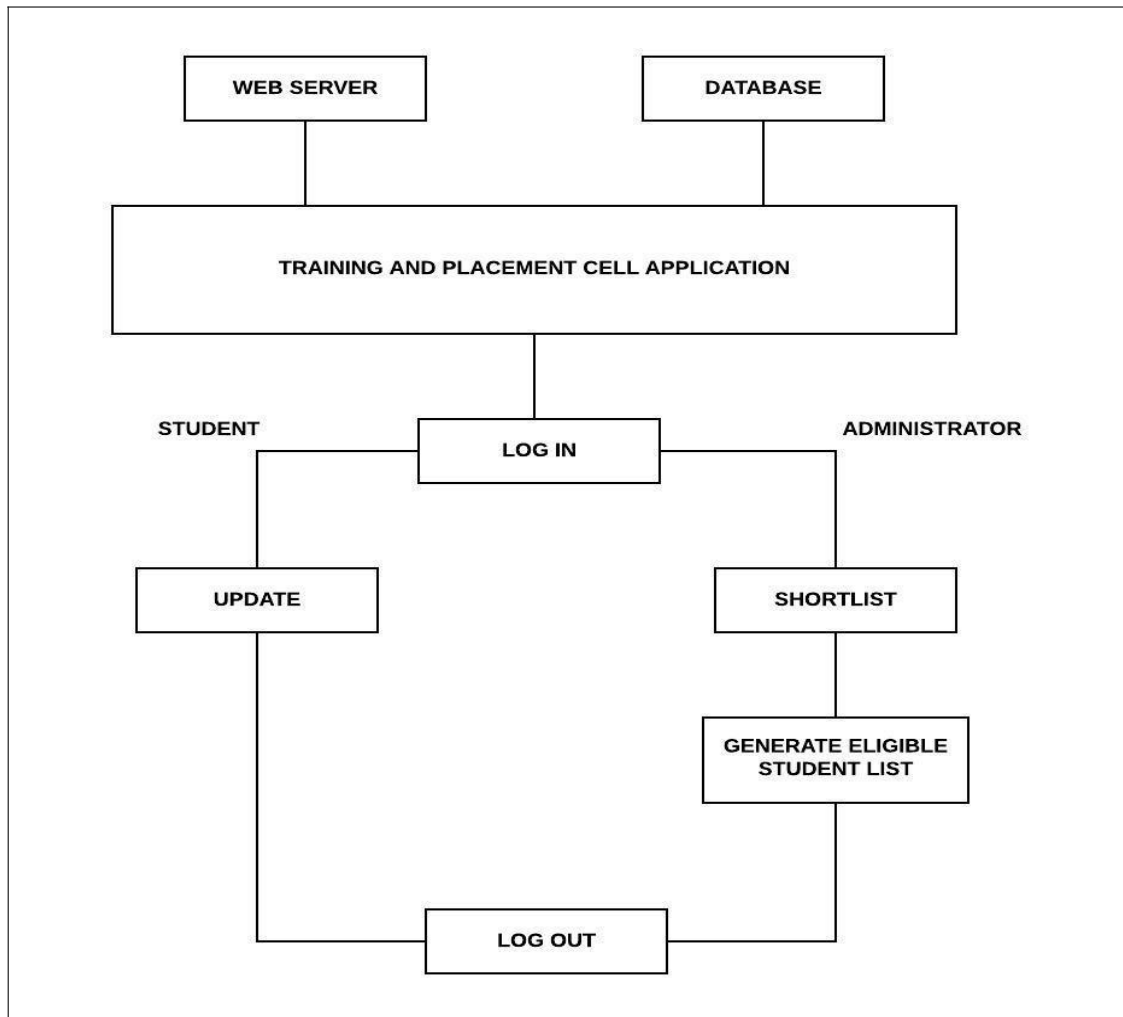


Fig 1-Data Flow Diagram.

3. VISIBILITY OF THE SYSTEM

The students need to register themselves for the placement through this application. Once the registration gets successful, a unique user ID and password will be created for an individual student. If the students need to make changes in their personal and academic profile they can send a request to the placement officer. The students may also receive the notifications regarding the upcoming campus drive. It also provides information about the campus details, criteria for the campus, recruitment process. A link will be provided by of this application includes the following: Work can be done in a computerized way, No need of paper work, To increase the administrator of the upcoming campus where the students can obtain extra information about the company.

Placement officer will also be provided a unique id and password by the administrator. This application helps the placement officer to update the correct details of the requested students. The administrator only have the rights to access the database. Once the campus recruitment gets completed the final list of the placed students in a particular company will be uploaded by the administrator. Students will also be updated about the campus drive.

Students can maintain their own information and update. Notifications will be sent to the students about the upcoming campus drive and also they can access the information about the previous placement. Some of the features the accuracy and efficiency of the placement process management of student data, Analysis of the overall placement process and the work burden will be less for the training and placement department.

4. TOOLS AND TECHNOLOGIES

A. Hardware used Laptop with

1. Minimum 1GB RAM
2. 50MB Space
3. Minimum 1.5 GHZ processor is required

B. Platform

1. Android Phone

C. Software Tool Used

1. Android Studio
2. Microsoft windows 7 or above
3. Firebase Database
4. Java Development Kit

5.SCREENSHOTOFAPPLICATION



FIG 2. SPLASH SCREEN

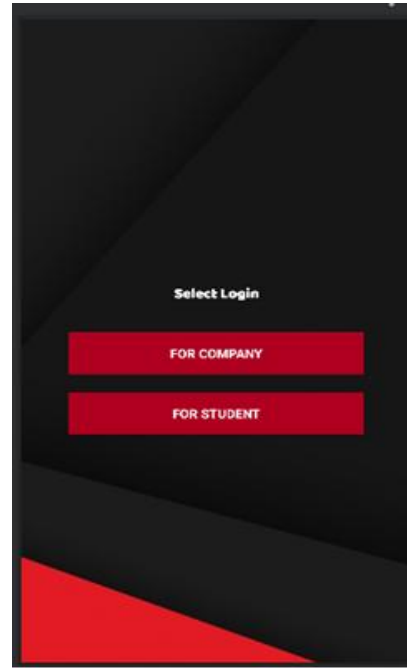


FIG 3.SELECT LOGIN TYPE

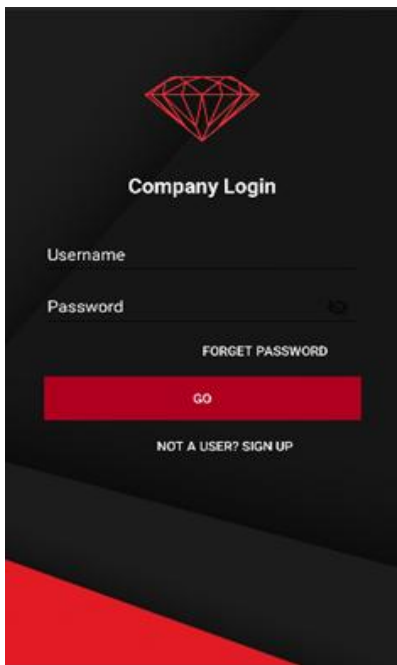


FIG 4.COMPANY LOGIN

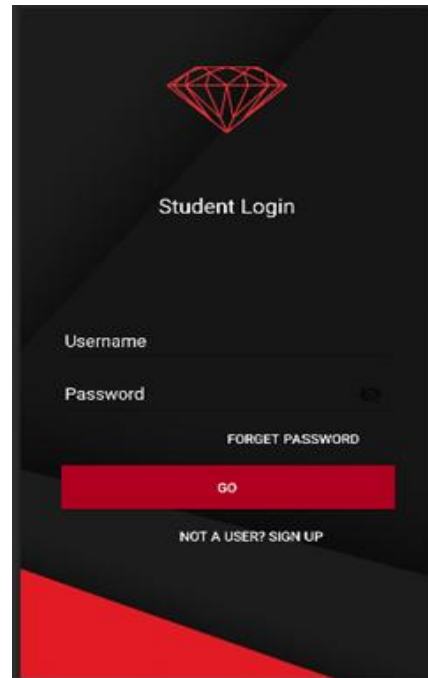
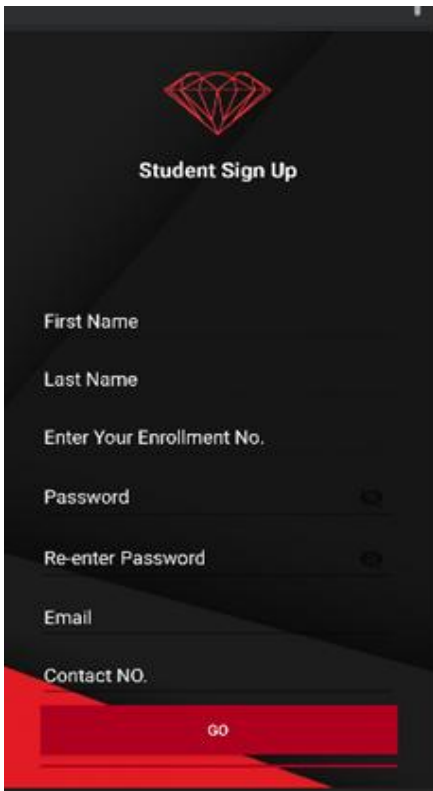
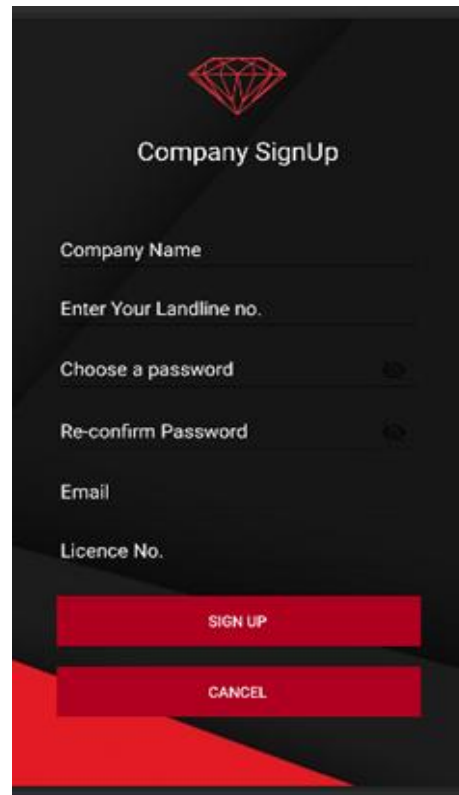


FIG 5.STUDENT LOGIN



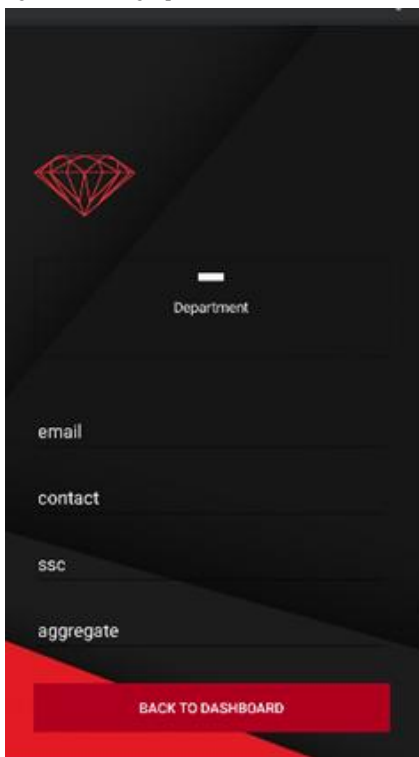
The 'Student Sign Up' form features a red diamond logo at the top. Below it, the title 'Student Sign Up' is centered. The form includes input fields for 'First Name', 'Last Name', 'Enter Your Enrollment No.', 'Password', 'Re-enter Password', 'Email', and 'Contact NO.'. A red 'GO' button is positioned at the bottom right of the form area.



The 'Company SignUp' form features a red diamond logo at the top. Below it, the title 'Company SignUp' is centered. The form includes input fields for 'Company Name', 'Enter Your Landline no.', 'Choose a password', 'Re-confirm Password', 'Email', and 'Licence No.'. Two red buttons, 'SIGN UP' and 'CANCEL', are located at the bottom of the form.

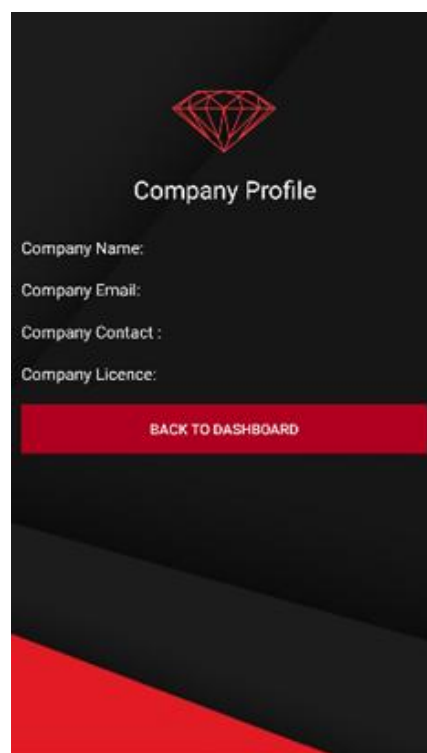
Fig 6. Student Signup

Fig 7. Company Signup



The 'User profile' form features a red diamond logo at the top. Below it, a horizontal line is followed by the label 'Department'. The form includes input fields for 'email', 'contact', 'ssc', and 'aggregate'. A red 'BACK TO DASHBOARD' button is located at the bottom of the form.

Fig.8 User profile



The 'Company profile' form features a red diamond logo at the top. Below it, the title 'Company Profile' is centered. The form includes labels for 'Company Name:', 'Company Email:', 'Company Contact:', and 'Company Licence:'. A red 'BACK TO DASHBOARD' button is located at the bottom of the form.

Fig.9 Company profile

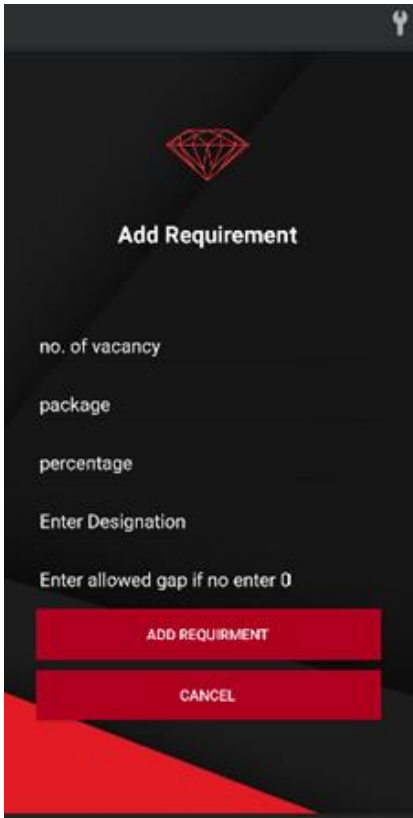


FIG .10ADD REQUIREMENT

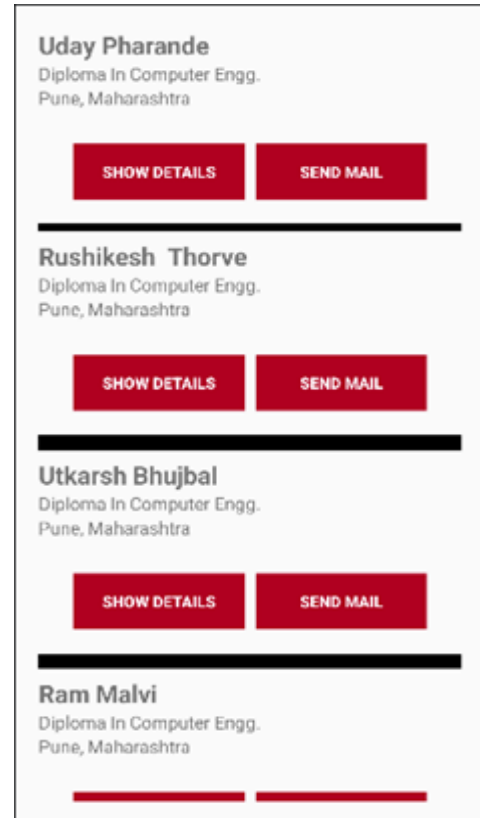


FIG.11 ACTIVITY STATUS LIST

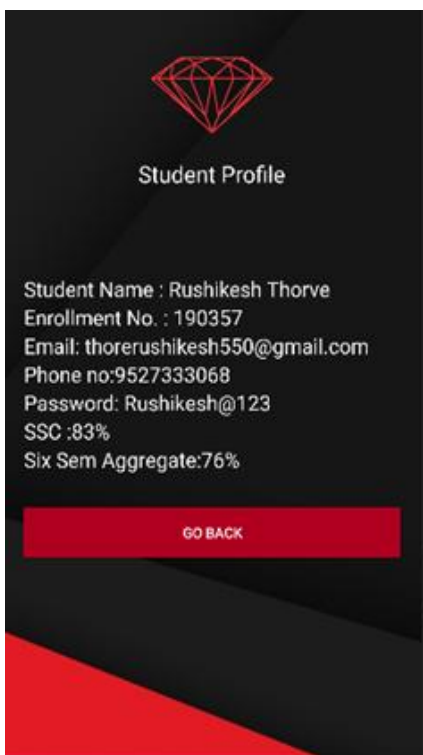


FIG.12 STUDENT PROFILE

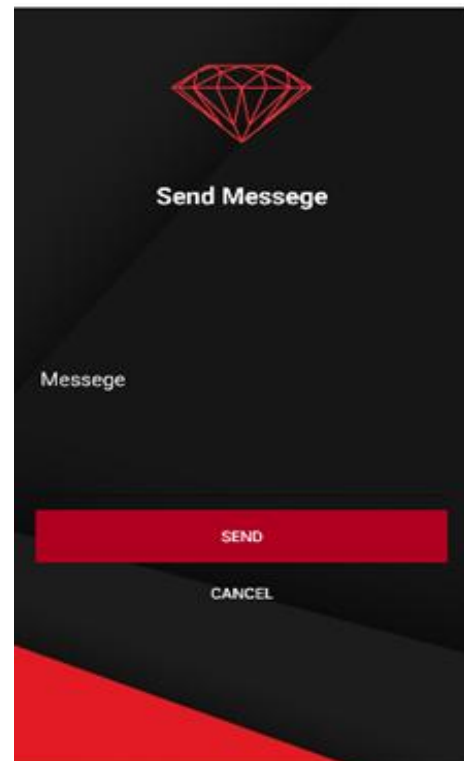


FIG.13 ACTIVITY MESSAGE



FIG.14 ACTIVITY NOTIFICATION



FIG.15 COMPANY LIST

6. CONCLUSION

After the system has been studied, designed, developed and tested, the following conclusions were created. The Developed system can guarantee to keep the records safe which is stored in the database. It generates reports that provide description details including various number of student placed in the company. The analysis of placed students recruited by the company will be made available in this application. Though this project provides a better way for the training and placement department, some more additional features can be added for the betterment of the application in future. The list of students should be automatically filtered based on the criteria of campus drive. The student as well as Training and placement officer should be able to communicate by sending message via this application. Test link should be uploaded so that the students may be able to test their technical skills.