# Campus Recruitment System
# Lab Report

## SOFTWARE ENGINEERING

## COURSE CODE: CSE1005

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# Objectives

The primary purpose to develop this system is to optimize the recruitment process for college. Besides, the qualified applicants could be sorted by this system based on their qualifications and company requirements. Based on the applicant's skills and areas of interest, the company suitable or the company in which he/she is going to place can be predicted. Another purpose of the software is to facilitate the student (in the college) and the company to register and communicate with the placement office.

The document is meant for the students of the college, the company, and the admin who will operate the system. This document will serve as a reference document for the Project management and Development team who will analyze, Design, and Implement this system. They will coordinate every activity that takes place in the software engineering process.

Campus Recruitment System enables the user to have the typical recruitment facilities and features at their disposal. It resolves the typical issue of manual staffing processes and activities into a controlled and closely monitored workflow in the architecture of the application. The objective of this application is to serve as a common meeting ground for job seekers and company, locally. This kind of system is specifically designed for an organization to help in solving staffing problems and managing human resource department activities at a higher degree of optimization. The System would store all the academic as well as personal details of the students who wish to be placed and the Companies who offer jobs to the students. The details of the Companies as well as the students may be updated or modified or deleted to keep the information up to date. Also, notifications would be sent to the students about the Companies i.e. details like the Company profile, eligibility criteria for the job profile, etc. Also the information regarding the Placement activities or procedure for a particular Company i.e. the selection rounds or procedure.

**The audience precisely will be:-**

1.      Students of college where the portal is implemented
2.      Companies HR which are coming for recruitment purpose
3.      Admin manages students and companies

## Administrator View

The administrator is the person who needs to be responsible and manage all the activities of the app. Some of the activities performed by student included are :

- Managing students.
- Managing companies.
- List of Jobs posted by a Company.
- Number of jobs applied by the student.
- Monitoring fraudulent jobs and removing them.
- Deleting unwanted stuff and maintaining a clean and clear system.

## Company View

This app is helpful & easy to use for companies to hire the students who have qualifications and match the companies requirement. Some of the activities performed by companies include :

- Update Profile.
- Manage password and Personal info.
- Post Jobs.
- Manage Jobs.
- View Student Applications.
- Change the status of the Job Applications.

## Student View

This app is mainly helpful & easy to use for students to get placed in some good companies. Some of the activities done by student include :

- Update Profile.
- Manage password and Personal info.
- Search for Jobs.
- Apply for various Jobs posted by companies.
- View status of the job.

# Existing System

As of now, many of the colleges use E-Mail or any other interactive application like WhatsApp to inform students about job applications and recruitment processes. The process doesn't allow direct interaction with the company. As the company goes through the college recruitment office and then it will be announced to students about the opening in job placements. Sometimes the application end date for a company will be the same day as the email informed. Many students may lose the opportunity to apply as it is last minute notice.

In various colleges, training and placement officers have to manage the students' profiles and the documents of students for their training and placement manually. Placement Officers have to collect the information from various companies who want to recruit students and notify students from time to time about the placements. Placement Officers also have to arrange profiles of students according to various streams and notify them according to company requirements. If any modifications or updates are required in the profile of the students of the Company, it has to be searched and done manually.

# Need for new System

The Placement Management System is to be developed as an attempt to make a record of Companies and students by restricting a large database that would be used for each. The System would provide the facility of viewing both the personal and academic information of the students and also the company. The System would also be able to search for eligible students and companies concerning their specifications and requirements. The eligible students would receive an email including the details of the Company, placement procedure, and other details. Hence the Placement Management System would maintain a huge database for the complete details of the students as well as the Companies in the Placement process which would help to save time and effort.

# Hardware and Software Requirement

## Hardware Requirements

**User Side :**
- Browser :  app downloaded in Android Mobile Phone
- Version : Android Mobile Phone Version >= 7
- OS  : Android OS
- RAM : >=2GB
- Processor :  phone In-built processor

**Server Side:**
- Backend : Sqlite
- Processor : In built Phone processor

## Software Requirements

- Android Studio Latest version (open source software)
- Android SDK tools >=29
- Android 4.1.1 platform API 27
- Java Runtime Environment 1.6
- Java SE JDK v6.0

## Virtual Environment

- Emulator plugin for android Studio
- OpenJDK 64-Bit Server VIM by JetBeans

# Functional Specification (Modulewise discussion)

| | |
|---|---|
| **Login** | This functionality is used to Login for admin, student and company. |
| **Register** | This functionality is used to sign up for student, admin and company. |
| **Profile** | Where users can check profile update information & password. |
| **Search Jobs** | This is the functionality which is used to search for jobs. |
| **Apply for Jobs** | This functionality is used for students to apply for jobs. |
| **Job Status** | This functionality is used to view job status by the student. |
| **View Applications** | This functionality is used to view student applications. |
| **Manage Student** | This functionality is used by the admin to manage students. |
| **Manage Company** | This functionality is used by the admin to manage the company. |

# SRS (Software Requirement specification)

## 1. Introduction

### 1.1. Purpose

The primary purpose to develop this Campus Recruitment System is to optimize the recruitment process for colleges and universities. Besides, the qualified applicants could be sorted by this system based on their qualifications, skills and company requirements. Based on the applicant's skills and areas of expertise, the company suitable or the company in which he/she is going to be placed can be predicted. The main aim of this project is to facilitate the college student and the companies to get registered and get communicated with the placement cell.

### 1.2. Intended Audience

The document is meant for the students of the college, the company and the admin will operate the system. This document will serve as a reference document for the Project management and Development team who will analyze, Design and Implement this system. They will coordinate every activity that takes place in the software engineering process and will be guided by Prof. Vijaya.

### 1.3. Project Scope

Campus Recruitment System enables the user to have the typical recruitment facilities and features at their disposal. It resolves the typical issue of manual staffing processes and activities into a controlled and closely monitored workflow in the architecture of the application. The objective of this application is to serve as a common meeting ground for job seekers and company, locally. This kind of system is specifically designed for an organization to help in solving staffing problems and managing human resource department activities at a higher degree of optimization.

### 1.4. Operating Environment

The campus recruitment system shall be deployed on any smartphone like Vivo- v12, oppo-F3, moto-G5-Plus and server running on android the Operating System. SQLite Database shall be used to maintain the databases. The system can be accessed & downloaded from Google Play Store. It can run without Wi-Fi even for now.

The system will be built with the help of the following software:

| S.No | System | Development Environment | Description |
|---|---|---|---|
| 1 | Campus Recruitment System | IDE(Android Studio) | Android Studio is Android's official IDE. It is purpose-built for Android to accelerate your development and help you build the highest-quality apps for every Android device. |
| 2 | Campus Recruitment System | Database (SQLite) | SQLite in android will be used for saving data to a database is ideal for repeating or structured data, such as contact information. We used SQLite in the development & coding part for storing databases. We used SQLite in the Integration and testing part if during testing software fails or more databases are added. |
| 3 | Campus Recruitment System | Java(Programming Environment) | Java is an object-oriented, platform-independent, simple, secure, robust, portable, high performance, distributed, dynamic programming language originally developed by Sun Microsystems and released in 1995. |

## 1.5.  Design and Implementation Constraints

The following Design and Implementation Constraints are applicable for the Campus Recruitment System:

1. The system is designed to be cross-platform supportable. The system is supported on a wide range of hardware and any android platform which is having any version of android built into the system. This application is being developed using android studio, hence it is extremely portable.

2. To prevent multiple students of the same speciality to log-in onto the same company portal. Request, a workflow system needs to be designed which routes the company vacancy Requests to students.

3. The system is expected to store a maximum of 64GB of data.

4. Initially, the system will be available on the android system with versions greater than 5.1. Then the system will be available for even ios mobiles and even on PCs and Laptops.

5. To assist students for selecting a company and preparing for an interview for that company, a machine learning algorithm will be designed and trained on a training data-set to predict which skills will be required for students and also if the student is eligible for company, this algorithm will continue to be trained on previously recorded data sets of students to improve the quality of predictions.

6. The database shall be maintained by an admin and who have not logged in for the last 1 year would get archived onto a parallel database. Restoring student data is beyond the scope of the project and would need to be managed by the admin.

7. As the system is supposed to be used by students and companies as well, care needs to be taken from a usability perspective in terms of font sizes and ease of system usage.

8. Also, UI is made with particular animations so that companies can find it good for uploading jobs and interacting with students. Even more and more companies and students use this app as the aim.

# 2. System Features

The end-user having the app installed on their mobile should be able to login using the valid credentials. Post validation of the credentials entered, the system allows access into the database. Upon access, the user should be able to perform operations like updating their profile information, job searching, job applying and viewing job status, company people will manage job and internship offers, an admin will control the student, company's data and all records into the database.

## 2.1 System Features

The College Recruitment System maintains details about Students, Companies, Jobs and Admins. This section describes the associated Functional requirements in the table below based on priorities

| # | Title of System Feature | Description | Priority | Functional Requirements |
|---|---|---|---|---|
| 1 | Login | This is used to login and maintain security by authenticating users. | High 9 | **Login feature:**<br>● Should accept the username password.<br>● A case the insensitive comparison is done for a user name and a case the sensitive comparison is done for a password<br>● If an invalid user id or password is entered then the system should display the error message "Login Denied" and should quit the application.<br>● Student, Company, Admin has a different login interface.<br>● Each user must check their domain before login. If any user tries to login into other domain with their credential an error message displays.<br>● If the correct user id and password are supplied then, Profile Menu should be displayed. |

| | | | High 8 | **Forgot:**<br>● Mail id or a phone number will be taken along with user id.<br>● Should check whether the user id has an account with the mail or phone number provided. If not display the error message "Invalid Details".<br>● Once password reset is done the control must return to the login page of a specific domain. |
|---|---|---|---|---|
| 2 | Register | This is used to register the new users like Companies, Students | High 9 | **Register:**<br>● Mail id, name, a phone number will be taken.<br>● Should check whether the user has an account already with the mail provided. If not take the registration number as user id and password.<br>● After a user gets registered successfully the control must return to the login page of their specific domain. |
| 3 | Profile | This feature is mainly for the students, admin, company to add their information. | High 7 | **Profile Details:**<br>● Uploading photograph, resume<br>● Details taken at the time of signup will be included.<br>● Additional phone number and email id can be added<br>● Accepts the department name and graduating year from the given list.<br>● Cgpa is also taken.<br>● It will take the interests, skills ,languages known. |

| 4 | Updating Profile | This feature is mainly for the students, admin, company to update ,view and delete their information. | Medium 6 | **Updating Profile Details:**<br>● Accept the new resume and name.<br>● It will take the phone number, mail id.<br>● Updates can be done department, graduating year and cgpa.<br>● Editing the Interests and skills can also be done.<br><br>**View Profile :**<br><br>Display all the details along with the photograph in simple format. |
|---|---|---|---|---|
| 5 | Job | This feature is especially for students to apply for jobs. | High 7 | **Apply for Jobs**<br>● A set of lists of jobs and Internships are provided by companies and shown in order according to the uploaded date.<br>● Job Role, Company name, End date will be displayed.<br>● After clicking the job Full details about the job will be provided at the description.<br>● Salary range, experience, Eligibility factors, Required skills will be displayed.<br>● Down below there will be an option called APPLY then that offer will be moved to Job status. |
| 6 | Job Searching | This feature is especially for students to search for jobs | Low 6 | **Search Jobs**<br>● Here a Search box will be provided and job roles are only taken for searching, after search jobs and internships will be displayed. |

| 7 | Job Status | This feature is especially for students to check the status of the application he applied for. | Medium 6 | **Job Status**<br>● Applied Jobs and Internships will be displayed here.<br>● There is a button display the<br>● Status like "applied", "viewed", "hired", "rejected".<br>● If eligible further details will be shared with their mail ids. |
|---|---|---|---|---|
| 8 | Student Management | Admin plays a major Role here and manages students . | Medium 7 | **Add Student:**<br>● The Student ids should be unique. The Student id should be 5 digits long.<br>● Student Id must contain only numbers.<br>● Can't accept the account without filing mandatory details. If the details are empty in those fields a message is displayed that the specific field is mandatory.<br>● Accept the name of the Student not exceeding 25 characters and it should contain a minimum 3 characters. The Student name can contain only alphabets (upper case and lower case), blank space. The first character must be an upper case alphabet.<br>● When an invalid name is entered, display an error message and ask the user to re-enter the name.<br>● When the admin finishes adding a new Student, the control should return to the "Student Management Menu Screen" after displaying a message "Student Successfully Added". |

**Modify or Update Student details:**
- Should Not accept if the student table is empty. It displays an error message "Table is empty" and returns to the Student Management menu.
- If the table is not empty should accept all the updated details
- Accept the updated name of the Student not exceeding 25 characters and it should contain a minimum 3 characters. The Student name can contain only alphabets (upper case and lower case), blank space. The first character must be an upper case alphabet.
- Email id, phno must be valid for updation.
- Department must be selected from the displayed list of departments. If the user department name is not displayed can register for other specifying the department name he/she belongs.
- Accept updates without entering an address.
- After updating, control must return to the Student Management menu.

**Delete Student:**
- Should Not accept if the student table is empty. It displays an error message "Table is empty" and returns to the Student Management menu.
- If the table is not empty should accept for deletion.
- User id, Username, Department, Batch details are mandatory. If such a user exists in the

| | | | | database and if the admin clicks the "Delete" button should ask for confirmation and delete the user account.<br>● After deleting an existing user Control must return to the Student Management Menu. |
|---|---|---|---|---|
| 9 | Company Management | Admin plays a major Role here managing companies. | Medium 7 | **Add Company:**<br>● The Company ids should be unique. The Company id should be 4 digits long.<br>● Company Id must contain only numbers.<br>● Can't accept the account without filling mandatory details. If the details are empty a message is displayed that field is mandatory.<br>● Accept the name of the Company not exceeding 25 characters and it should contain a minimum 3 characters. The Company name can contain only alphabets (upper case and lower case). The first character must be an upper case alphabet.<br>● When an invalid name is entered, display an error message and ask the user to re-enter the name.<br>● Admin sets a dummy password during registration.<br>● When the admin finishes adding a new Company, the control should return to the "Company Management Menu Screen" after displaying a message "Company successfully Added". |
| | | | | **Modify or Update Company details:**<br>● Should Not accept if the company table is empty. It displays an error message |

|  |  |  |  | "Table is empty" and returns to the Company Management menu.<br>● If the table is not empty should accept all the changes.<br>● If the companyname to be updated the updated name of the Company should not exceed 25 characters and it should contain a minimum 3 characters. The company name can contain only alphabets (upper case and lower case), blank space. The first character must be an upper case alphabet.<br>● CompanyType must be selected from the displayed list of types if it doesn't fall under any category and must select others and provide their specific company type.<br>● Email id, phno must be valid for updation.<br>● Accept updates without entering an address field.<br>● After updating, control must return to the company Management menu. |
|  |  |  |  | **Delete Company:**<br>● Should Not accept if the company table is empty. It displays an error message "Table is empty" and returns to the Company Management menu.<br>● If the table is not empty should accept for deletion.<br>● Copanyid, Companyname, company rank are mandatory fields. If such a user exists in the database and if the admin clicks the "Delete" button should ask for confirmation and delete the |

| | | | | user account.er a successful deletion Control must return to the Company Management Menu. |
|---|---|---|---|---|
| 10 | View Applications | This feature is for companies to view job applications of students and changes the status of applicants | Medium 7 | **View Applications**<br>● Applied Jobs and Internships for the company will be displayed here.<br>● Company checks the eligibility criteria through their resume of varied range of skills, projects undertaken, CGPA, graduation year etc.<br>● If eligible the status of students is changed to "Hired" and further details will be shared with their mail ids.<br>● If not eligible the status is marked as "Rejected" and will give suggestions to improve profile and skills.<br>● After successful change of student status the control returns to view applications. |

# 3. External Interface Requirements :

## 3.1 User Interfaces :

**Signup Interface :**
This user interface allows the user to get registered by asking details like Fullname, userid, username, email, contact no, password etc, one can login into the system only once signed up, so that only authorized users can log in to the system.

**Login Interface :**

This user interface prompts the user to authenticate his/her credentials by asking username and password, so that only authorized users can log in to the system. Also it displays error messages and exits if the given credentials are wrong. And has an option called forgot password, if the user forgot his/her credentials.This login interface exists in 3 ways.

**1. ADMIN LOGIN**
**2. STUDENT LOGIN**
**3. COMPANY LOGIN**

Once the user gets logged in  the control goes to their corresponding portals

- **ADMIN PORTAL :** This interface has these following :

HOME : This shows the existing details of the admin.
MANAGE STUDENT :This shows the details of registered students.
MANAGE COMPANY :This shows the details of registered companies.
UPDATE DETAILS: This allows the admin to update his/her details.
CHANGE PASSWORD : This allows the admin to change passwords.

- **STUDENT PORTAL :** This interface has these following :

HOME :This shows the existing details of the student.
APPLY FOR JOBS: This allows students to apply for their required jobs.
VIEW JOB STATUS :This allows students to view their job status, whether they are hired or not.
SEARCH JOBS: This allows students to search for jobs.
UPDATE DETAILS : This allows the students to update his/her details.
CHANGE PASSWORD :This allows the students to change their passwords.

- **COMPANY  PORTAL :** This interface has these following :

HOME : This shows the existing details of the company.
POST JOBS : This allows companies to post jobs for students.
VIEW STUDENT APPLICATION : This allows companies to decide whether to hire/not a student  based upon his/her application.
UPDATE DETAILS : This allows the company to update his/her details.

CHANGE PASSWORD : This allows the companies to change their  passwords.

## 3.2 Hardware Interfaces :

This software does not require any direct hardware interfaces.

## 3.3 Software Interfaces :

| Operating System | Any Android Mobile Phones |
|---|---|
| Programming language | Java |
| IDE | Android Studio |
| Database | Inbuilt |

## 3.4 Communication Interfaces

Generally this project doesn't require any communication interfaces because this software is a standalone system .This is useful for Student, Admin and Company communication purposes.

## 4.Other Nonfunctional Requirements

## 4.1 Performance Requirements:

1. The completely separate business logic at the admin side from the student interface ensures good performance.

2. The system exhibits high performance because it is well optimized. The business logic is clearly separate from the UI.

3. System should be able to scale to many users concurrently.

4. The response time of processes is as follows:
   - ➔ Student Registration max 10 seconds
   - ➔ Company Registration max 15 seconds
   - ➔ Company Job posting max 15 seconds
   - ➔ Student applying for job max 20 seconds

## 4.2 Safety Requirements:

1. Errors will be minimized and an appropriate error message that guides the user from an error will be provided.

2. Validation of users input is highly essential.

3. The time taken to recover from the error is less than 10 second.

## 4.3 Security Requirements:

1. The system is provided a high level of security and integrity of the data held by the system.

2. only authorized personnel such as admin can gain access to the to the
 private data and only the user with valid username and password is allowed to view its user page.

## 4.4 Software Quality Attributes

1. The key software quality attributes are Availability, Reliability and usability.

2. As the system is expected to be 24/7 working. High availability is important.

3. A simple but quality user interface is developed to make it easy to understand and requires less training.

4. The error message displayed is more descriptive and can be easily understood.

## 4.5 Business Rules:

1. System shall be available only for the particular college.

2. All the users shall access the system using a login/user-id and password.
The login-id/password will be managed in a secured manner.

3. Each student can get recruitment only in one company.

4. Once company selected the candidate, it cannot be rejected otherwise company will be blacklisted.

5. Each student can have only one account.

# UML Diagrams (8 diagrams)

## Use-Case Diagram

# Class Diagram

**Student**

+ student_id : int
+ name : String
+ email_id : String
+ address : String
+ department : String
+ contact_no : String
+ grade : String

+ login() : bool
+ updateDetails() : bool
+ logout() : bool
+ changePassword() : bool
+ applyForJobs() : bool
+ viewJobStatus() : void
+ searchJobs() : bool

**Admin**

+ admin_id : type = int
+ name : String
+ email_id : String
+ address : String
+ contact_no : String

+ login() : bool
+ updateDetails() : bool
+ logout() : bool
+ changePassword() : bool
+ manageStudent() : void
+ manageCompany() : void

**Company**

+ company_id : int
+ name : String
+ email_id : String
+ rank : int
+ package : unsigned long long
+ contact_no : String
+ address : String
+ company_type : String

+ login() : bool
+ updateDetails() : bool
+ logout() : bool
+ changePassword() : bool
+ postJobs() : bool
+ viewApplications() : void
+ callForInterview() : void

**Registration**

+ name : String
+ username : String
+ email_id : String
+ password : String

+ store() : void
+ getDetail() : void

**UserLogin**

+ username : String
+ password : String

+ verification() : bool

**Jobs**

+ job_id : int
+ job_name : String
+ job_type : String
+ job_salary : String

+ addJob() : bool
+ deleteJob() : bool

# Object Diagram

**Student**

student_id : 10001
name : N Vasudha
email_id : vasudha@gmail.com
address : xxxxxxxxxxxxxxxxxx
password : *********
department : CSE
contact_no : 9492529201
CGPA : 9.8

**Admin**

admin_id : 1
name : aashika
email_id : aashika@gmail.com
password : *********
address : xxxxxxxxxxxxxxxxxx
contact_no : 9412190201

**Company**

company_id : 1001
name : Infotech
email_id :infotech@gmail.com
password : ***********
address : xxxxxxxxxxxxxxxxxx
contact_no : 8761219201

**Registration**

name : 1001
username : Infotech
email_id : xxxxxxxx@gmail.com
password : *********

**Login**

username : xxxxxxxx@gmail.com
password : ***********

**Jobs**

job_id : 1001_1
job_name : SDE - I
job_type : Full-time
job_salary : xxxxxx
Job_requirements : BTECH,
xxxxxxxxxxxxxxxxxxxxxxxxx

# Package Diagram

# Sequence Diagrams

**1.** **Sequence diagram for login & update details**
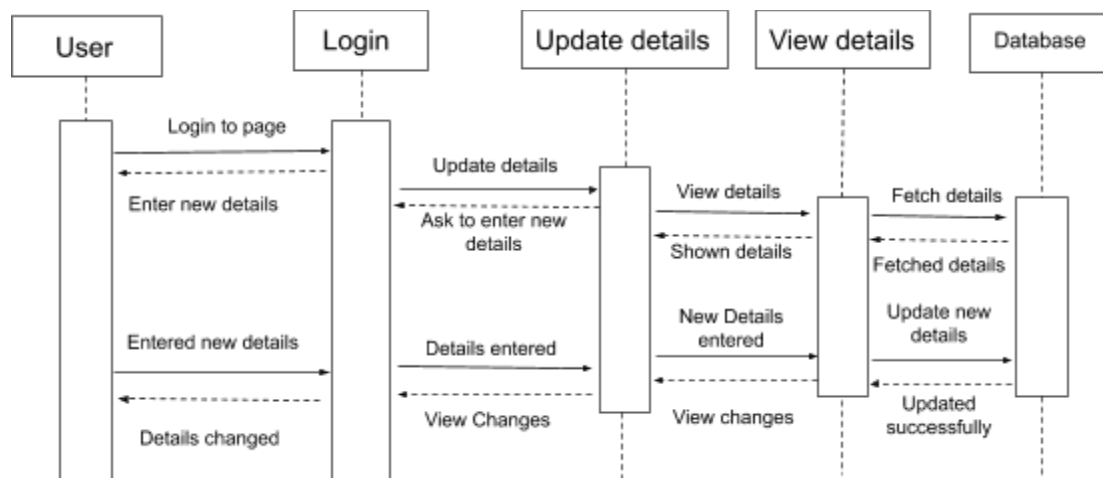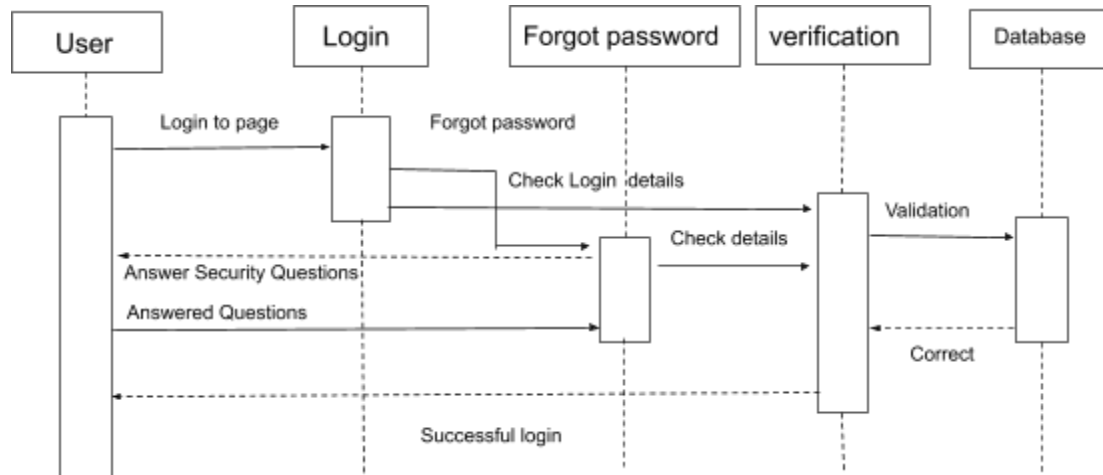
## 2. Sequence diagram for change password
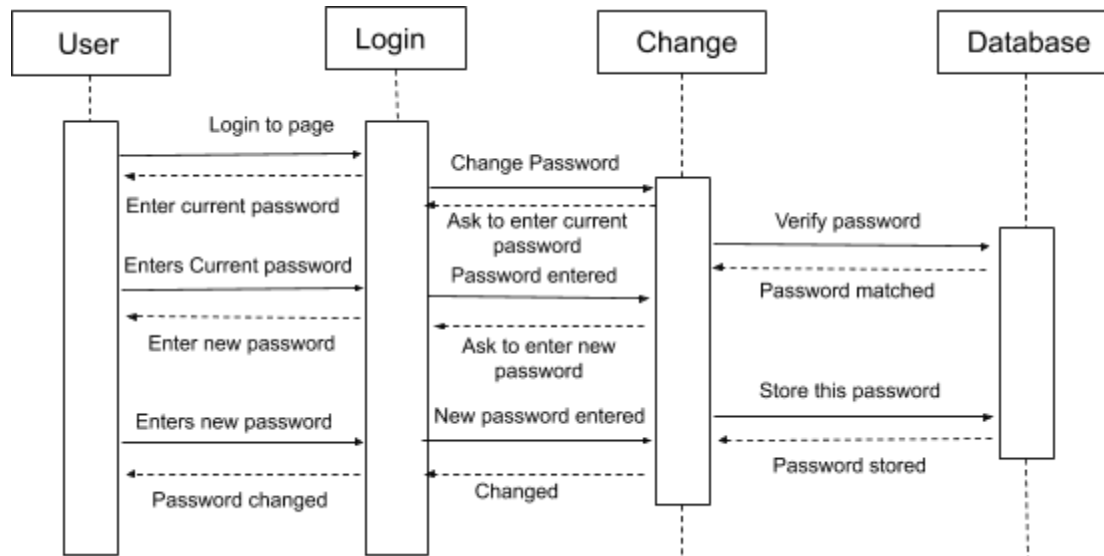


## 3. Sequence diagram for search jobs
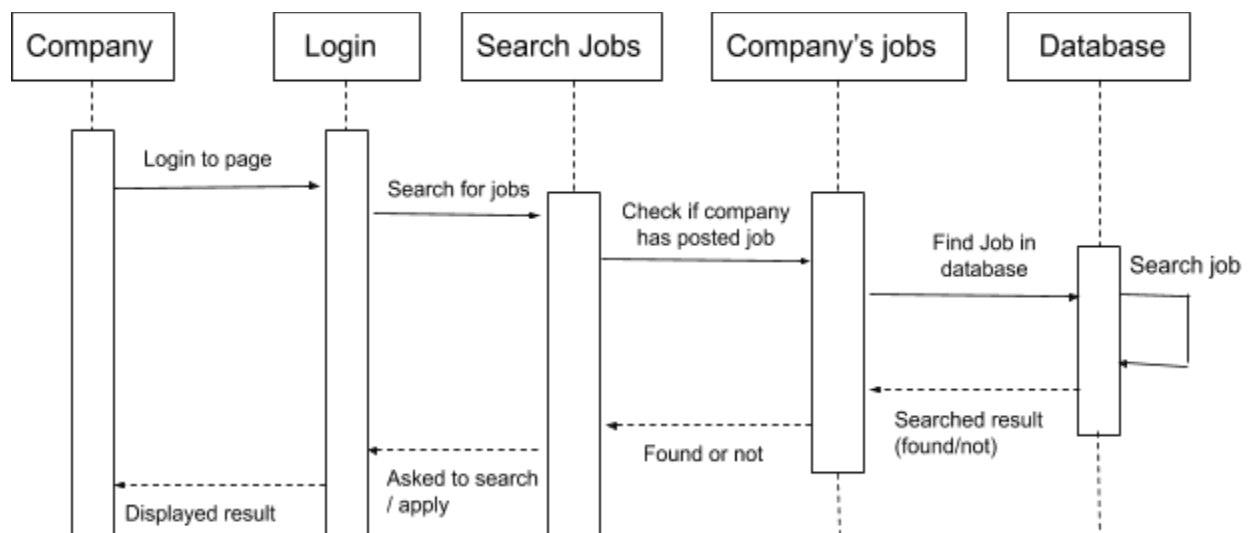
**4.** **Sequence diagram of applying for the job**
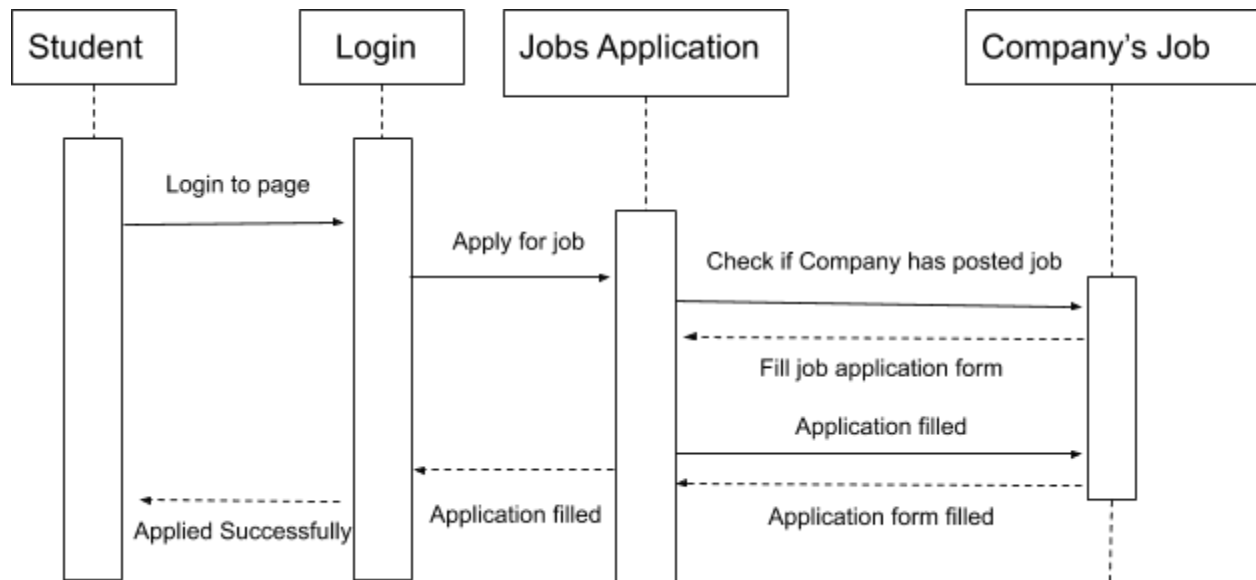


**5.** **Sequence diagram for view job status**
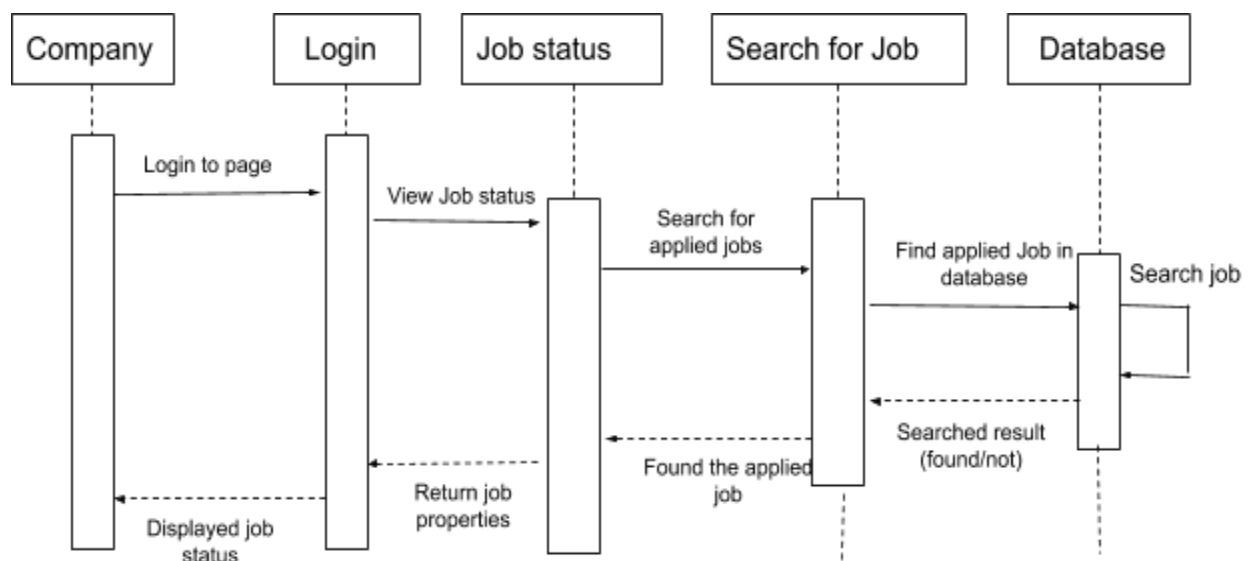
**6.** **Sequence diagram for post jobs**
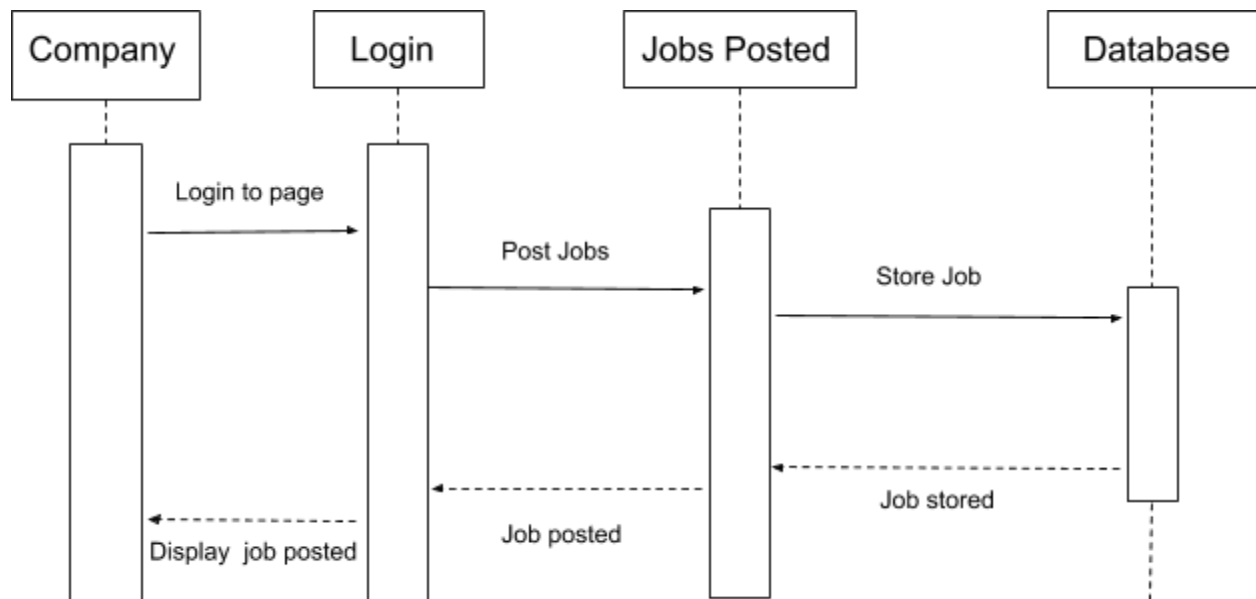


**7.** **Sequence diagram for view applications**
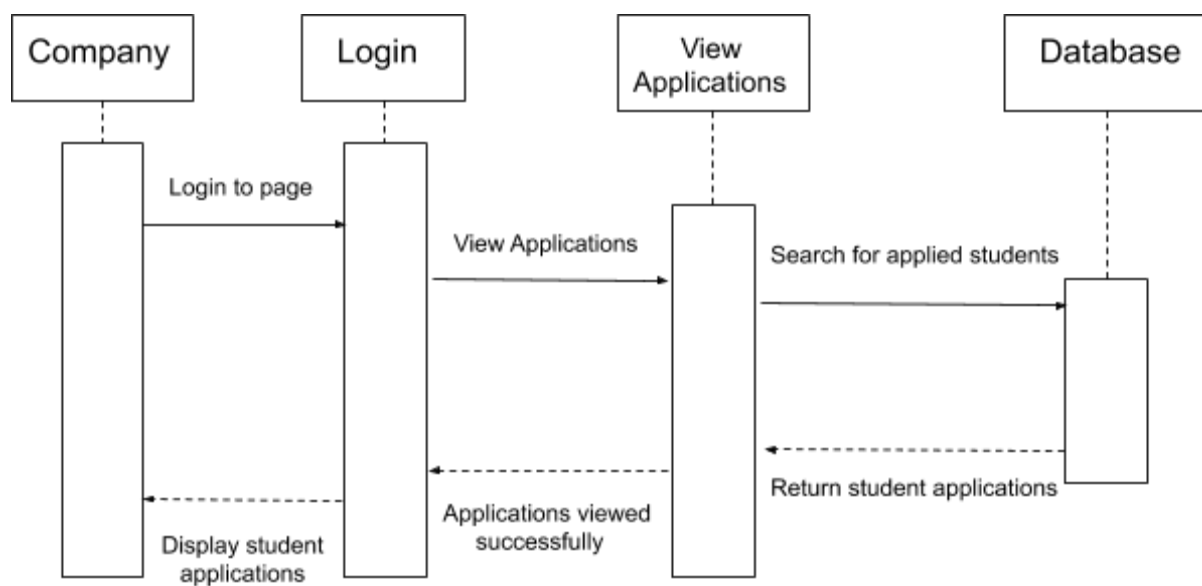
## 8.     Sequence diagram for manage student
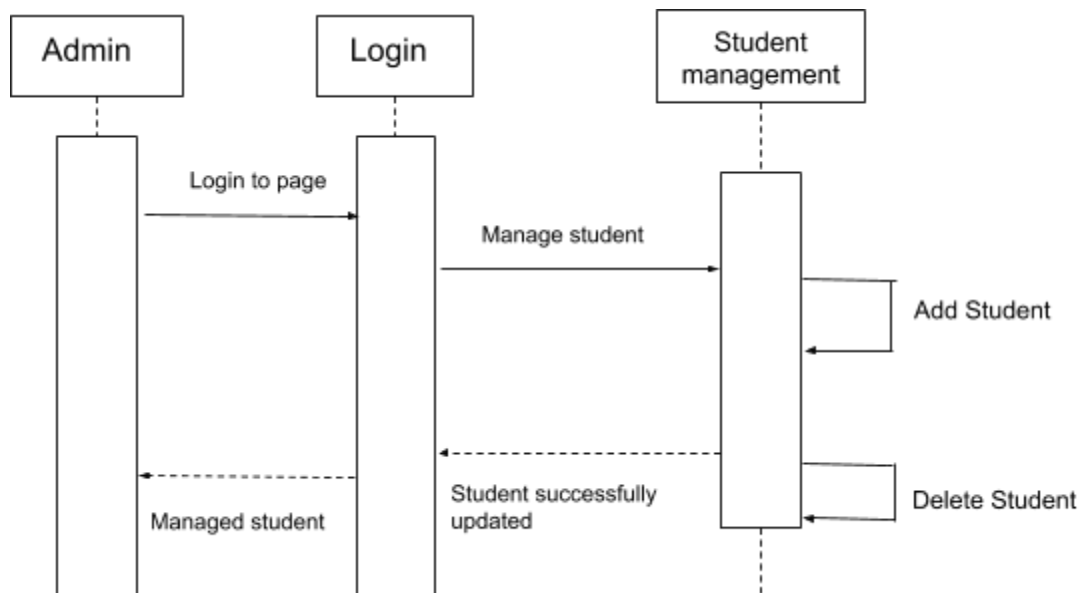


## 9.     Sequence diagram for manage company
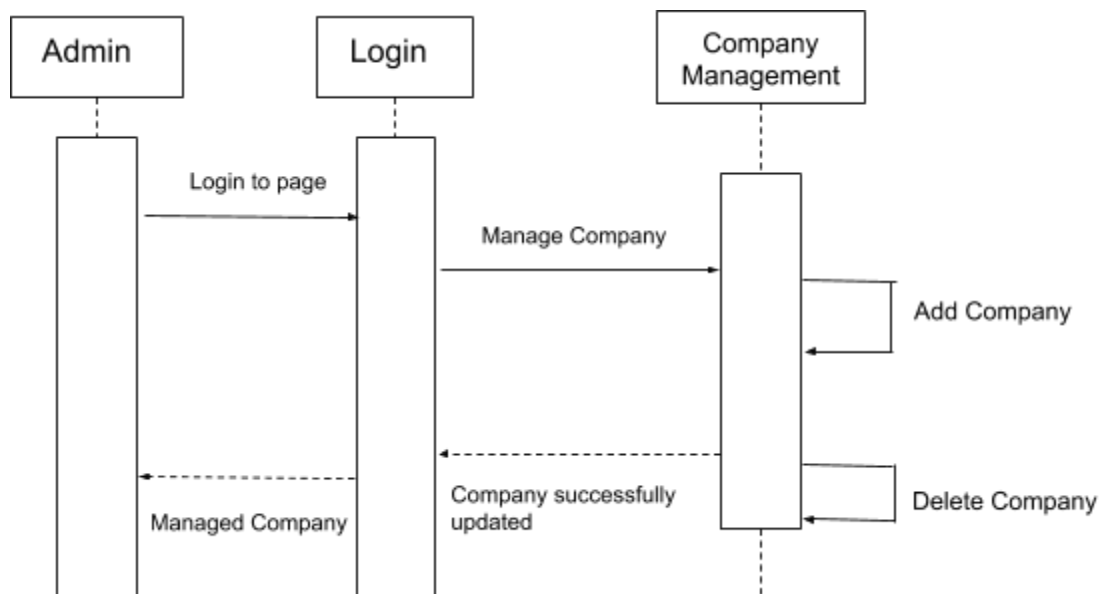
# Collaboration Diagram

### 1.    Collaboration diagram for login & update details
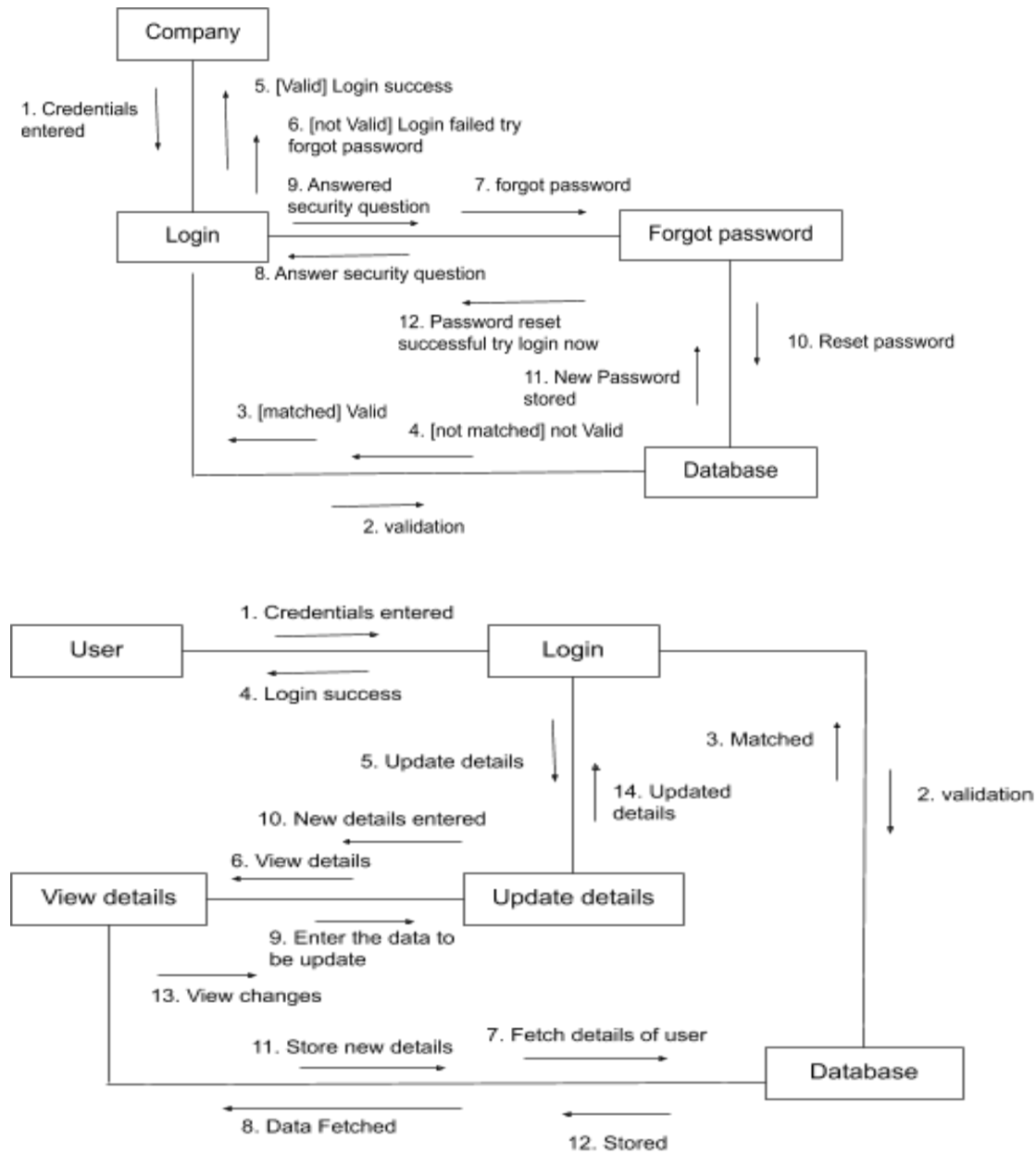
## 2. Collaboration diagram for search jobs
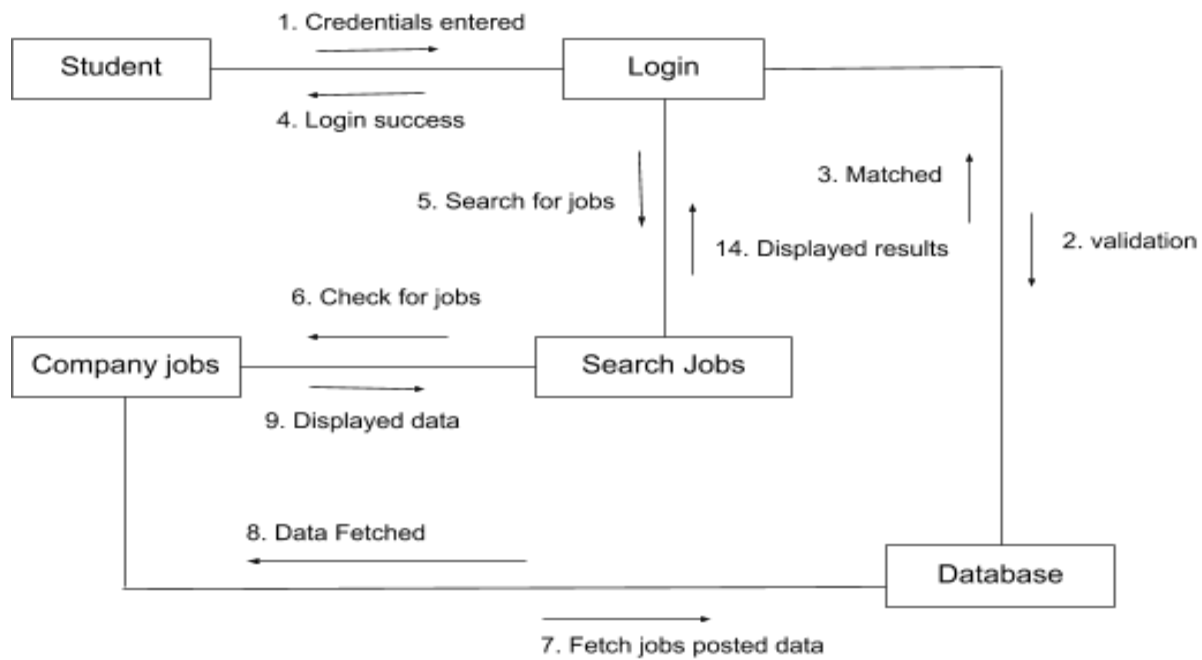


## 3. Collaboration diagram of apply for a job
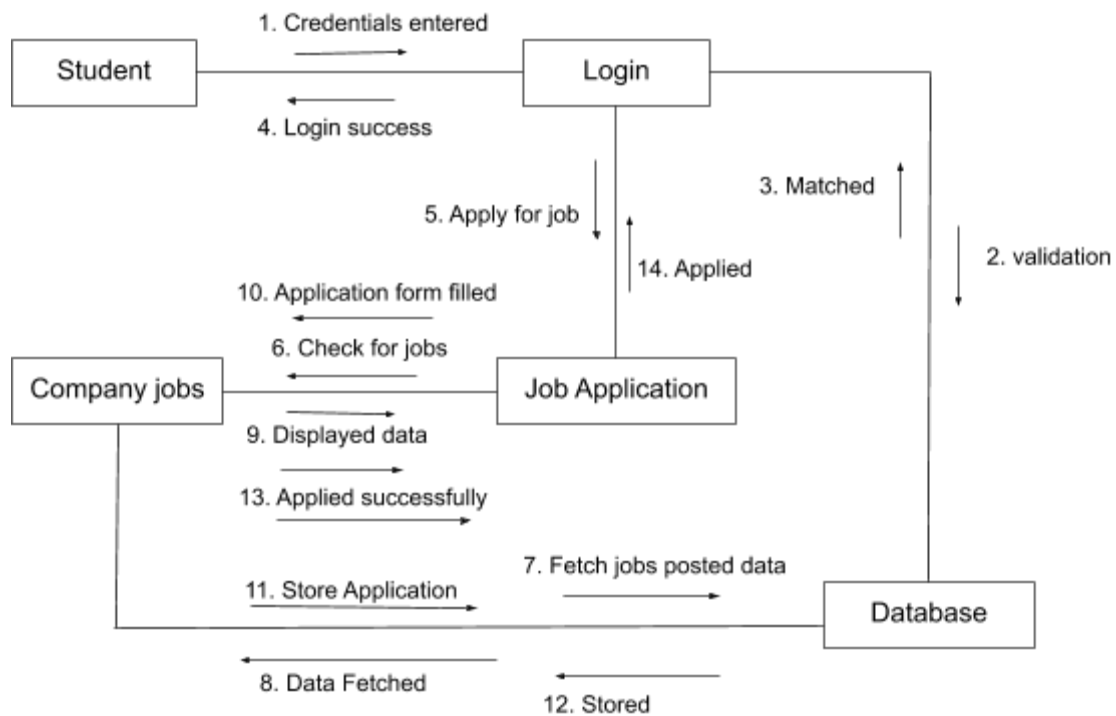
**4.** **Collaboration diagram for view job status**
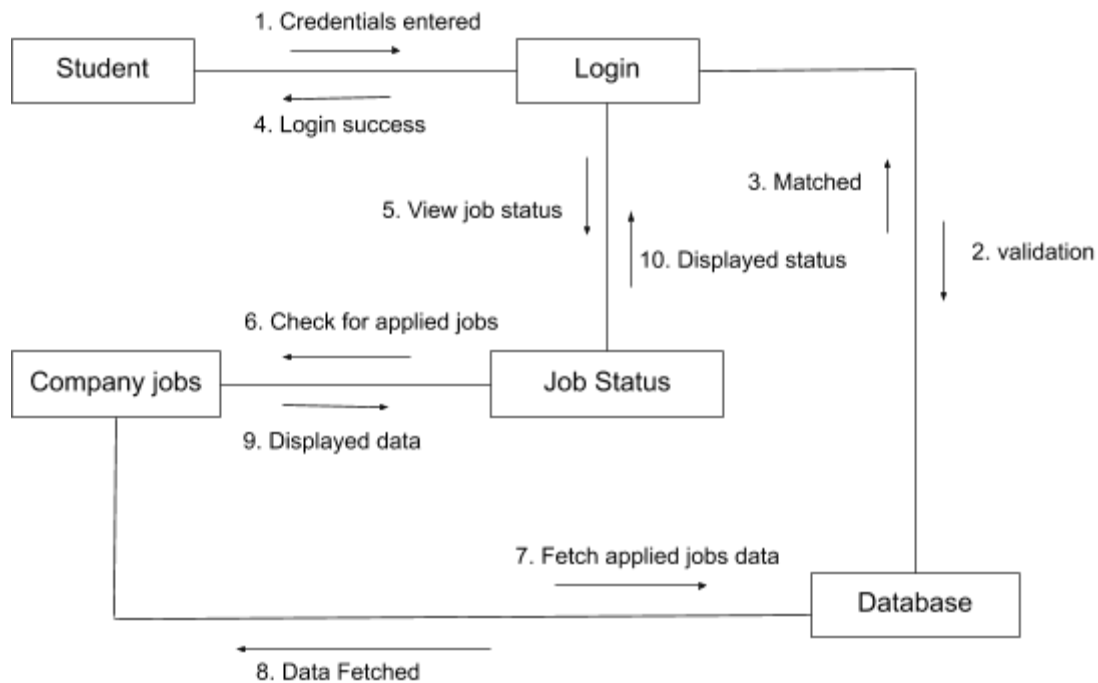


**5.** **Collaboration diagram for posting jobs**
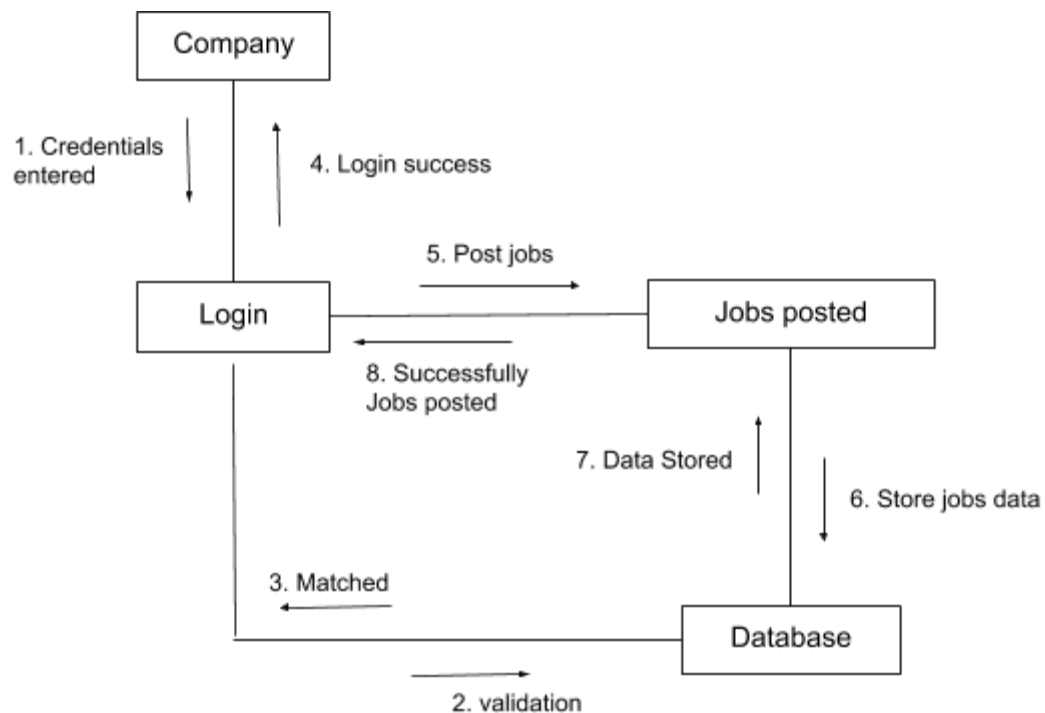
## 6. Collaboration diagram for view applications
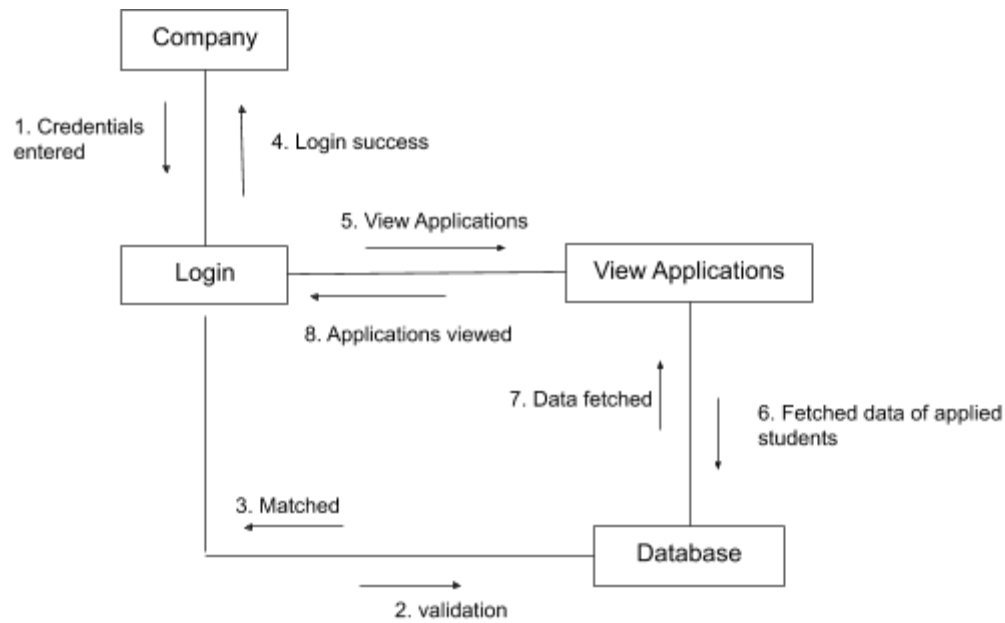


## 7. Collaboration diagram for change password
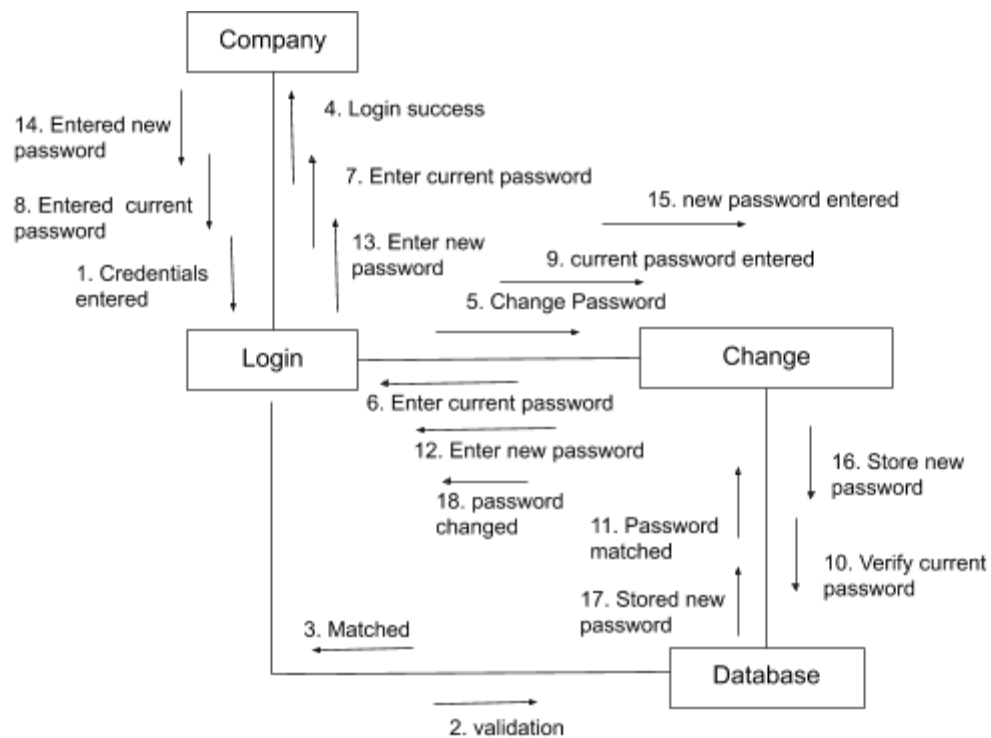
## 8.     Collaboration diagram for manage student
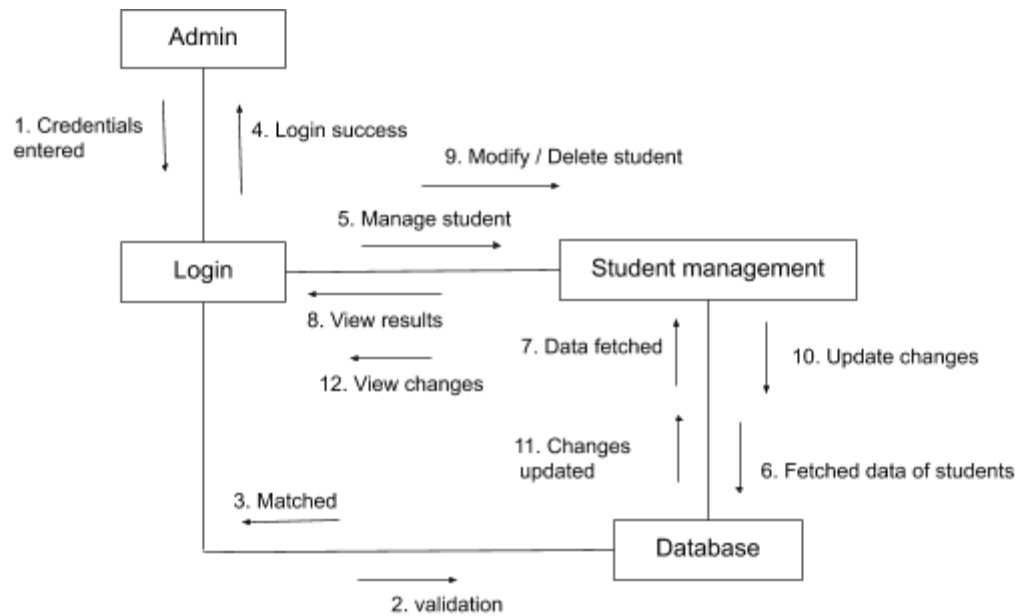


## 9.     Collaboration diagram for manage company
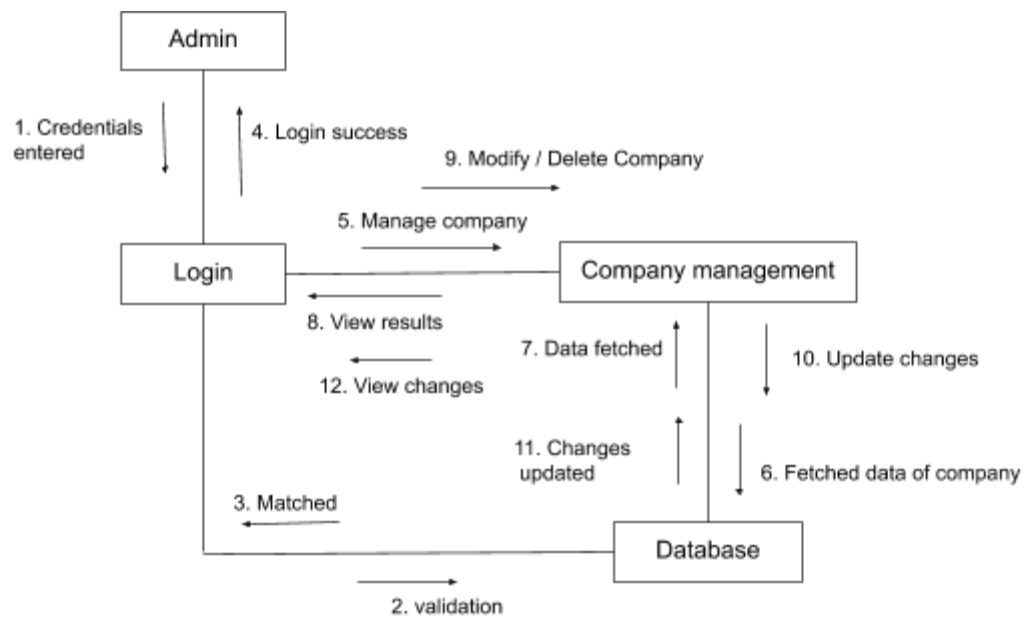
# Activity Diagram
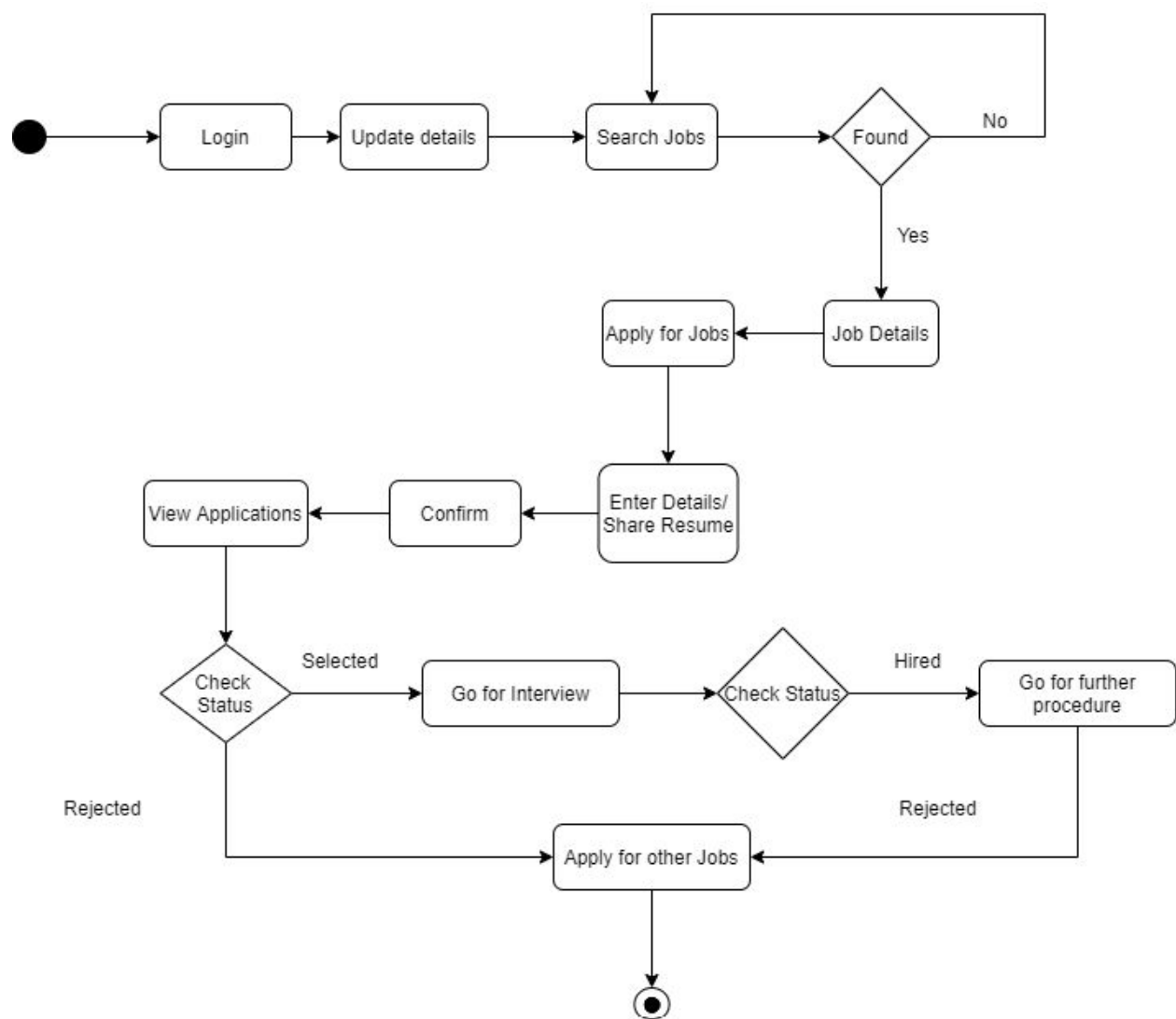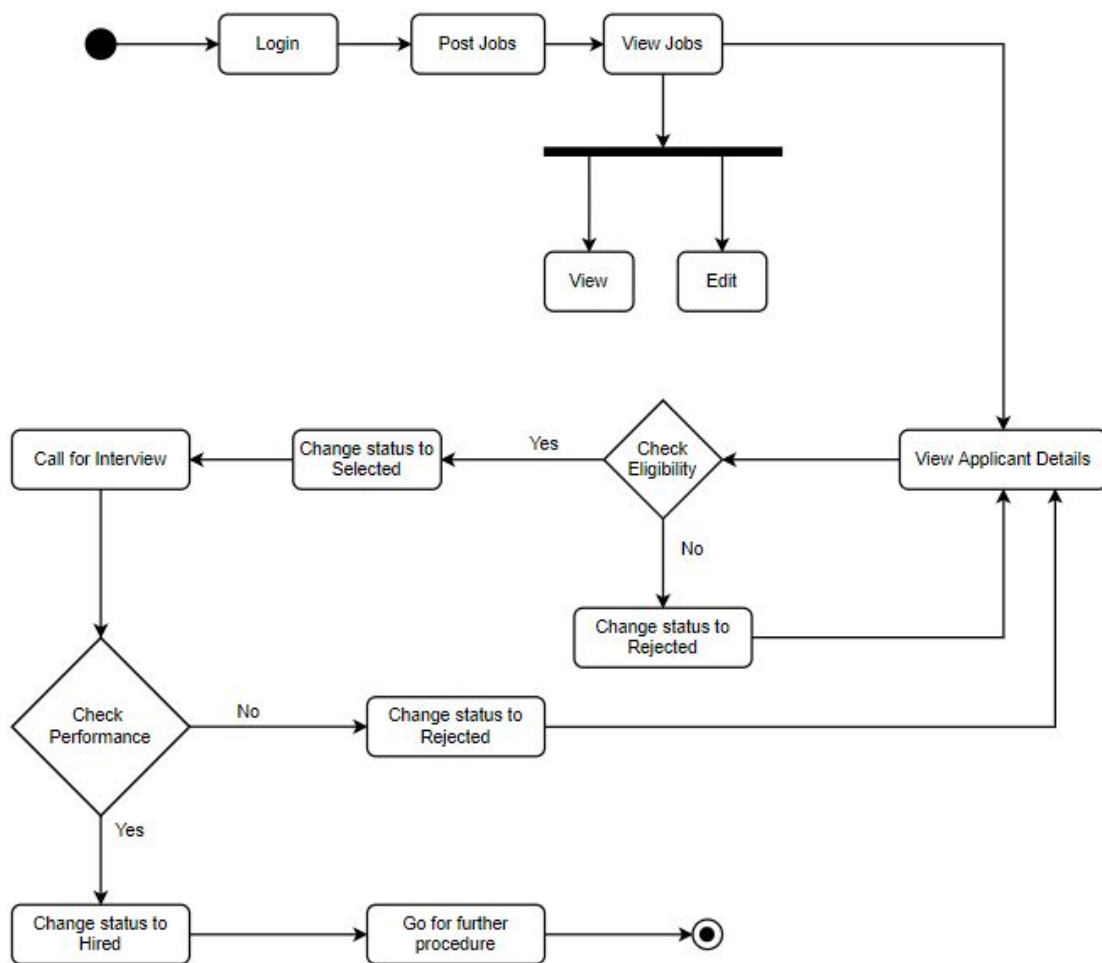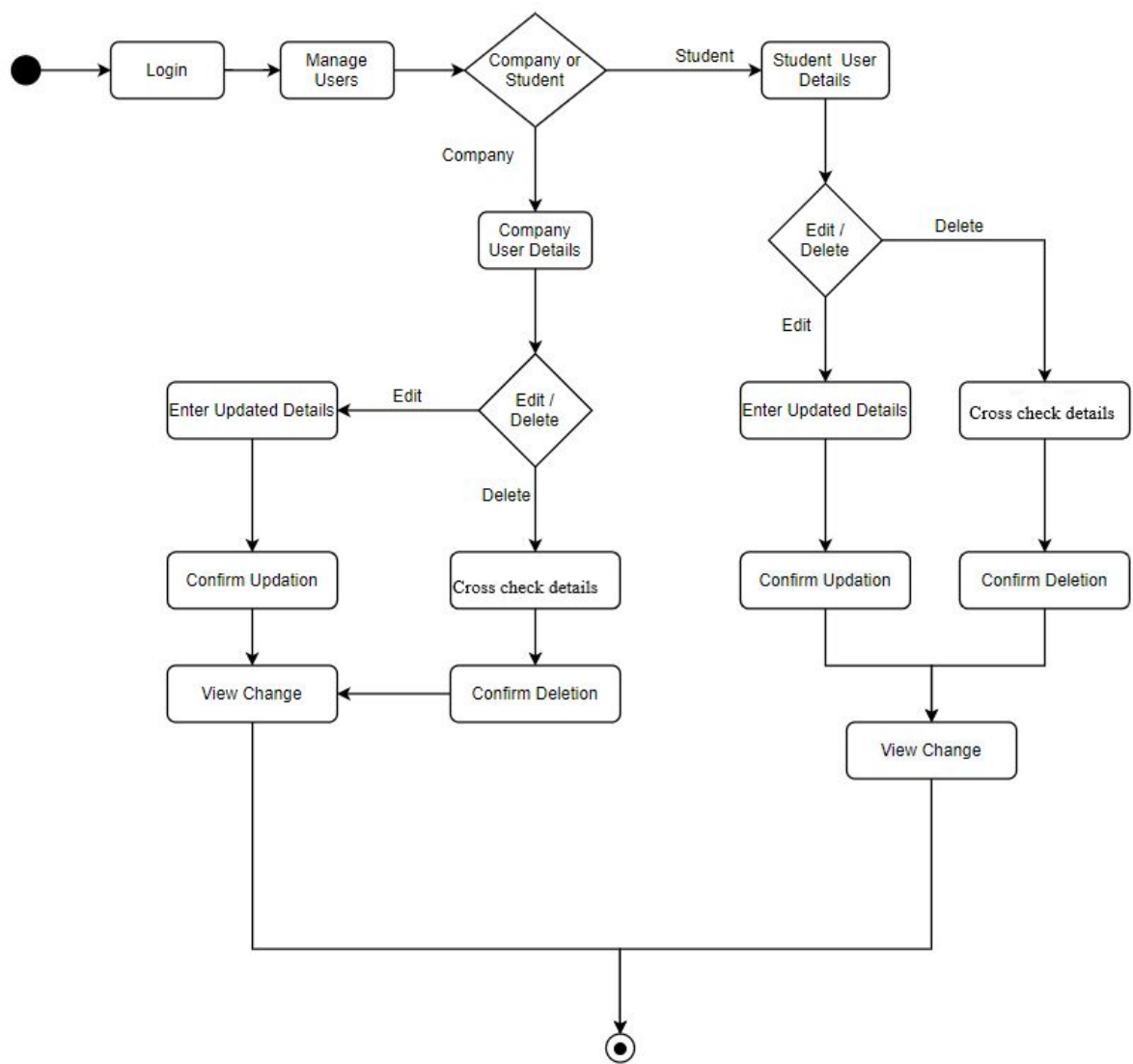
# State Diagram
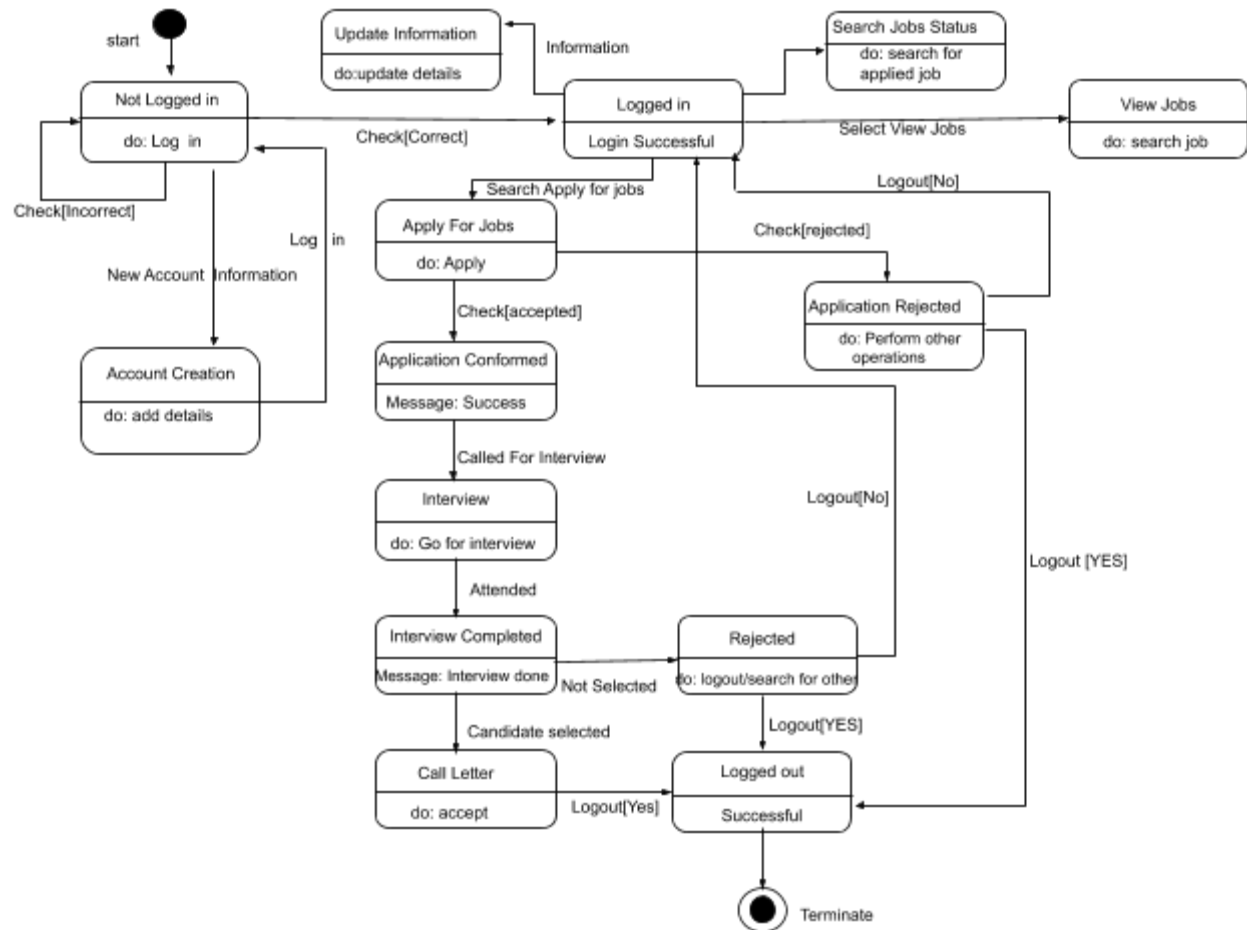
# Coding

## Manage Company by Admin

```java
package com.aashika.software;
import android.content.Intent;
import android.graphics.Color;
import android.graphics.Typeface;
import android.os.Bundle;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;
import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;
import android.view.Gravity;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.ScrollView;
import android.widget.TextView;

import java.util.List;

public class ManageCompany extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {
    TextView text;
    private String name;
    private String emailIdFromOtherClass;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_manage_company);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        name = getIntent().getExtras().getString("Name");
        ScrollView mscrollView = (ScrollView)
findViewById(R.id.manage_company_scroll_id);
        LinearLayout linearLayout = (LinearLayout)
findViewById(R.id.company_id);

        DatabaseHelperCompany helperCompany = new
DatabaseHelperCompany(ManageCompany.this);
        List<CompanyContact> companyList = helperCompany.getAllCompany();
```

```java
for(int i=0; i<companyList.size();i++)
{
    CompanyContact c = companyList.get(i);
    TextView textView = new TextView(ManageCompany.this);
    textView.setTextSize(18);
    textView.setTextColor(Color.parseColor("#303F9F"));
    textView.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
    textView.setGravity(Gravity.CENTER);
    textView.setText("  * * * * * * * *  Company Index No: "+(i+1)+" *
* * * * * * * \n");
    linearLayout.addView(textView);

    TextView textView0 = new TextView(ManageCompany.this);
    textView0.setTextSize(18);
    textView0.setTextColor(Color.parseColor("#000000"));
    textView0.setText(" Company Name: "+c.getName());
    linearLayout.addView(textView0);

    TextView textView1 = new TextView(ManageCompany.this);
    textView1.setTextSize(18);
    textView1.setTextColor(Color.parseColor("#000000"));
    textView1.setText(" Company UserName: "+c.getUname());
    linearLayout.addView(textView1);

    TextView textView2 = new TextView(ManageCompany.this);
    textView2.setTextSize(18);
    textView2.setTextColor(Color.parseColor("#000000"));
    textView2.setText(" Company Id: "+c.getUid());
    linearLayout.addView(textView2);

    TextView textView3 = new TextView(ManageCompany.this);
    textView3.setTextSize(18);
    textView3.setTextColor(Color.parseColor("#000000"));
    textView3.setText(" Company EmailId: "+c.getEmailId());
    linearLayout.addView(textView3);

    TextView textView4 = new TextView(ManageCompany.this);
    textView4.setTextSize(18);
    textView4.setTextColor(Color.parseColor("#000000"));
    textView4.setText(" Company ContactNo: "+c.getContactNo());
    linearLayout.addView(textView4);

    TextView textView5 = new TextView(ManageCompany.this);
    textView5.setTextSize(18);
    textView5.setTextColor(Color.parseColor("#000000"));
    textView5.setText(" Company Address: "+c.getAddress());
    linearLayout.addView(textView5);

    TextView textView6 = new TextView(ManageCompany.this);
```

```java
            textView6.setTextSize(18);
            textView6.setTextColor(Color.parseColor("#000000"));
            textView6.setText(" Company Rank: "+c.getRank()
+"\n=================================\n");
            linearLayout.addView(textView6);



            if(c.getJobName1()!=null)
            {

                TextView textViewjob = new TextView(ManageCompany.this);
                textViewjob.setText("Jobs Posted\n");
                textViewjob.setGravity(Gravity.CENTER);
                textViewjob.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
                textViewjob.setTextColor(Color.parseColor("#000000"));
                textViewjob.setTextSize(18);
                linearLayout.addView(textViewjob);

                TextView textViewc = new TextView(ManageCompany.this);
                textViewc.setText(" Company JobName:"+c.getJobName1());
                textViewc.setTextColor(Color.parseColor("#000000"));
                textViewc.setTextSize(16);
                linearLayout.addView(textViewc);

                TextView textViewd = new TextView(ManageCompany.this);
                textViewd.setTextSize(16);
               textViewd.setTextColor(Color.parseColor("#000000"));
                textViewd.setText(" Company JobId: "+c.getJobId1());
                linearLayout.addView(textViewd);

                TextView textViewe = new TextView(ManageCompany.this);
                textViewe.setTextSize(16);
                textViewe.setTextColor(Color.parseColor("#000000"));
                textViewe.setText(" Company JobType: "+c.getJobType1());
                linearLayout.addView(textViewe);

                TextView textViewf = new TextView(ManageCompany.this);
                textViewf.setTextSize(16);
                textViewf.setTextColor(Color.parseColor("#000000"));
                textViewf.setText(" Company JobSalary:
"+c.getSalary1()+"\n----------------------------------------------------
---\n");
            linearLayout.addView(textViewf);

            if(c.getJobName2()!=null)
            {
                TextView textViewc1 = new TextView(ManageCompany.this);
                textViewc1.setTextSize(16);
```

```java
                textViewc1.setTextColor(Color.parseColor("#000000"));
                textViewc1.setText(" Company JobName: "+c.getJobName2());
                linearLayout.addView(textViewc1);

                TextView textViewd1 = new TextView(ManageCompany.this);
                textViewd1.setTextSize(16);
                textViewd1.setTextColor(Color.parseColor("#000000"));
                textViewd1.setText(" Company JobId: "+c.getJobId2());
                linearLayout.addView(textViewd1);

                TextView textViewe1 = new TextView(ManageCompany.this);
                textViewe1.setTextSize(16);
                textViewe1.setTextColor(Color.parseColor("#000000"));
                textViewe1.setText(" Company JobType: "+c.getJobType2());
                linearLayout.addView(textViewe1);

                TextView textViewf1 = new TextView(ManageCompany.this);
                textViewf1.setTextSize(16);
                textViewf1.setTextColor(Color.parseColor("#000000"));
                textViewf1.setText(" Company JobSalary:
"+c.getSalary2()+"\n----------------------------------------------------
---\n");
                linearLayout.addView(textViewf1);

                if(c.getJobName3()!=null)
                {
                    TextView textViewc3 = new TextView(ManageCompany.this);
                    textViewc3.setTextSize(16);
                    textViewc3.setTextColor(Color.parseColor("#000000"));
                    textViewc3.setText(" Company JobName:
"+c.getJobName3());
                    linearLayout.addView(textViewc3);

                    TextView textViewd3 = new TextView(ManageCompany.this);
                    textViewd3.setTextSize(16);
                    textViewd3.setTextColor(Color.parseColor("#000000"));
                    textViewd3.setText(" Company JobId: "+c.getJobId3());
                    linearLayout.addView(textViewd3);

                    TextView textViewe3 = new TextView(ManageCompany.this);
                    textViewe3.setTextSize(16);
                    textViewe3.setTextColor(Color.parseColor("#000000"));
                    textViewe3.setText(" Company JobType:
"+c.getJobType3());
                    linearLayout.addView(textViewe3);

                    TextView textViewf3 = new TextView(ManageCompany.this);
                    textViewf3.setTextSize(16);
                    textViewf3.setTextColor(Color.parseColor("#000000"));
```

```java
                        textViewf3.setText(" Company JobSalary:
"+c.getSalary3()+"\n------------------------------------------------
---\n");
                        linearLayout.addView(textViewf3);
                        if(c.getJobName4()!=null)
                        {
                                TextView textViewc4 = new
TextView(ManageCompany.this);
                                textViewc4.setTextSize(16);

textViewc4.setTextColor(Color.parseColor("#000000"));
                                textViewc4.setText(" Company JobName:
"+c.getJobName4());
                                linearLayout.addView(textViewc4);

                                TextView textViewd4 = new
TextView(ManageCompany.this);
                                textViewd4.setTextSize(16);

textViewd4.setTextColor(Color.parseColor("#000000"));
                                textViewd4.setText(" Company JobId:
"+c.getJobId4());
                                linearLayout.addView(textViewd4);

                                TextView textViewe4 = new
TextView(ManageCompany.this);
                                textViewe4.setTextSize(16);

textViewe4.setTextColor(Color.parseColor("#000000"));
                                textViewe4.setText(" Company JobType:
"+c.getJobType4());
                                linearLayout.addView(textViewe4);

                                TextView textViewf4 = new
TextView(ManageCompany.this);
                                textViewf4.setTextSize(16);

textViewf4.setTextColor(Color.parseColor("#000000"));
                                textViewf4.setText(" Company JobSalary:
"+c.getSalary4()+"\n------------------------------------------------
---\n");
                                linearLayout.addView(textViewf4);
                        }
                    }

                }
            }
        LinearLayout row = new LinearLayout(this);
        row.setLayoutParams(new LinearLayout.LayoutParams
```

```java
                    (LinearLayout.LayoutParams.MATCH_PARENT,
                            LinearLayout.LayoutParams.WRAP_CONTENT));
            row.setOrientation(LinearLayout.HORIZONTAL);
            linearLayout.addView(row);


            Button btn1 = new Button(this);
            btn1.setText("Update");
            btn1.setBackgroundColor(Color.parseColor("#000000"));
            LinearLayout.LayoutParams params = new LinearLayout.LayoutParams(
                    LinearLayout.LayoutParams.WRAP_CONTENT,
                    LinearLayout.LayoutParams.WRAP_CONTENT
            );
            params.setMargins(200,0,75,50);
            btn1.setTextColor(Color.parseColor("#ffffff"));
            btn1.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            btn1.setLayoutParams(params);
            row.addView(btn1);
            final String x=c.getEmailId();
            btn1.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                        Intent i = new Intent(ManageCompany.this,
Company_update_details_by_admin.class);
                        i.putExtra("Email", x);
                        i.putExtra("EmailId",emailIdFromOtherClass);
                        i.putExtra("Name",name);
                        startActivity(i);
                        finish();
                }
            });


            Button btn2 = new Button(this);
            btn2.setText("Delete");
            btn2.setBackgroundColor(Color.parseColor("#000000"));
            LinearLayout.LayoutParams params1 = new LinearLayout.LayoutParams(
                    LinearLayout.LayoutParams.WRAP_CONTENT,
                    LinearLayout.LayoutParams.WRAP_CONTENT
            );
            params1.setMargins(75,0,0,50);
            btn2.setTextColor(Color.parseColor("#ffffff"));
            btn2.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            btn2.setLayoutParams(params1);
            row.addView(btn2);
            btn2.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                        Intent i = new Intent(ManageCompany.this,
delete_company_by_admin.class);
```

```java
                i.putExtra("Email", x);
                i.putExtra("EmailId",emailIdFromOtherClass);
                i.putExtra("Name",name);
                startActivity(i);
                finish();
            }
        });
    }

    Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);

    DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
    ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
            this, drawer, toolbar, R.string.navigation_drawer_open,
    R.string.navigation_drawer_close);
    drawer.addDrawerListener(toggle);
    toggle.syncState();

    NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
    navigationView.setNavigationItemSelectedListener(this);
    View header=navigationView.getHeaderView(0);
    TextView Name = (TextView)header.findViewById(R.id.Photoname);
    Name.setText(name);
    TextView email = (TextView)header.findViewById(R.id.Photomail);
    email.setText(emailIdFromOtherClass);
    }

    @Override
    public void onBackPressed() {
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        if (drawer.isDrawerOpen(GravityCompat.START)) {
            drawer.closeDrawer(GravityCompat.START);
        } else {
            super.onBackPressed();
        }
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
present.
        getMenuInflater().inflate(R.menu.manage_company, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
```

```java
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
//          mAuth.signOut();
            startActivity(new Intent(getApplicationContext(),
loginAdmin.class));
            finish();
            return true;
        }

        else if(id==R.id.help)
        {
            startActivity(new Intent(getApplicationContext(),adminHelp.class));
            return true;
        }


        return super.onOptionsItemSelected(item);
    }


    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();
        if(id==R.id.admin_home){
            Intent i = new
Intent(ManageCompany.this,AdminNavBarActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            // startActivity(new
Intent(getApplicationContext(),AdminNavBarActivity.class));
            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            // Handle the camera action
            Intent i = new
Intent(ManageCompany.this,ManageStudentActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
```

```java
        // startActivity(new
Intent(getApplicationContext(),ManageStudentActivity.class));
        //finish();
        drawer.closeDrawer(GravityCompat.START);
        return true;
    } else if (id == R.id.nav_gallery) {
        Intent i = new Intent(ManageCompany.this,ManageCompany.class);
        i.putExtra("EmailId",emailIdFromOtherClass);
        i.putExtra("Name",name);
        startActivity(i);
        //startActivity(new
Intent(getApplicationContext(),ManageCompany.class));
        drawer.closeDrawer(GravityCompat.START);
        return true;
    } else if (id == R.id.nav_slideshow) {
        Intent i = new Intent(ManageCompany.this,AdminUpdateDetails.class);
        i.putExtra("EmailId",emailIdFromOtherClass);
        i.putExtra("Name",name);
        startActivity(i);
        //startActivity(new
Intent(getApplicationContext(),AdminUpdateDetails.class));
        drawer.closeDrawer(GravityCompat.START);
        return true;
    } else if (id == R.id.nav_manage) {
        Intent i = new
Intent(ManageCompany.this,AdminChangePasswordNavBar.class);
        i.putExtra("EmailId",emailIdFromOtherClass);
        i.putExtra("Name",name);
        startActivity(i);
        // /startActivity(new
Intent(getApplicationContext(),AdminChangePasswordNavBar.class));
        drawer.closeDrawer(GravityCompat.START);
        return true;
    }

    drawer.closeDrawer(GravityCompat.START);
    return true;
    }
}
```

## Manage Student by Admin

```java
package com.aashika.software;

import android.content.Intent;
```

```java
import android.graphics.Color;
import android.graphics.Typeface;
import android.os.Bundle;

import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;

import android.view.Gravity;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.ScrollView;
import android.widget.TextView;


import java.util.List;

public class ManageStudentActivity extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {

    private String emailIdFromOtherClass;
    private String name;



    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_manage_student);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        name = getIntent().getExtras().getString("Name");
        ScrollView mscrollView = (ScrollView)
findViewById(R.id.manage_student_scroll_id);
        LinearLayout linearLayout = (LinearLayout)
findViewById(R.id.stduent_id);

        DatabaseHelper helper = new DatabaseHelper(ManageStudentActivity.this);

        List<StudentContact> studentList = helper.getAllStudent();
```

```java
        for(int i=0; i<studentList.size();i++)
        {
            final StudentContact c = studentList.get(i);
            TextView textView = new TextView(ManageStudentActivity.this);
            textView.setTextSize(20);
            textView.setTextColor(Color.parseColor("#303F9F"));
            textView.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            textView.setGravity(Gravity.CENTER);
            textView.setText("\n * * * * * *  Student Index No: "+(i+1)+"  * *
 * * * * \n");
            linearLayout.addView(textView);

            TextView textView0 = new TextView(ManageStudentActivity.this);
            textView0.setTextSize(18);
            textView0.setText(" Student Name: "+c.getName());
            textView0.setTextColor(Color.parseColor("#000000"));
            textView0.setTypeface(Typeface.SANS_SERIF);
            linearLayout.addView(textView0);

            TextView textView1 = new TextView(ManageStudentActivity.this);
            textView1.setTextSize(18);
            textView1.setTextColor(Color.parseColor("#000000"));
            textView1.setTypeface(Typeface.SANS_SERIF);
            textView1.setText(" Student UserName: "+c.getUname());
            linearLayout.addView(textView1);

            TextView textView2 = new TextView(ManageStudentActivity.this);
            textView2.setTextSize(18);
            textView2.setTextColor(Color.parseColor("#000000"));
            textView2.setTypeface(Typeface.SANS_SERIF);
            textView2.setText(" Student Id: "+c.getUid());
            linearLayout.addView(textView2);

            TextView textView3 = new TextView(ManageStudentActivity.this);
            textView3.setTextSize(18);
            textView3.setTextColor(Color.parseColor("#000000"));
            textView3.setTypeface(Typeface.SANS_SERIF);
            textView3.setText(" Student EmailId: "+c.getEmailId());
            linearLayout.addView(textView3);

            TextView textView4 = new TextView(ManageStudentActivity.this);
            textView4.setTextSize(18);
            textView4.setTextColor(Color.parseColor("#000000"));
            textView4.setTypeface(Typeface.SANS_SERIF);
            textView4.setText(" Student ContactNo: "+c.getContactNo());
            linearLayout.addView(textView4);

            TextView textView5 = new TextView(ManageStudentActivity.this);
            textView5.setTextSize(18);
```

```java
        textView5.setTextColor(Color.parseColor("#000000"));
        textView5.setTypeface(Typeface.SANS_SERIF);
        textView5.setText(" Student Address: "+c.getAddress());
        linearLayout.addView(textView5);

        TextView textView6 = new TextView(ManageStudentActivity.this);
        textView6.setTextSize(18);
        textView6.setTextColor(Color.parseColor("#000000"));
        textView6.setTypeface(Typeface.SANS_SERIF);
        textView6.setText(" Student SSC Marks: "+c.getSsc());
        linearLayout.addView(textView6);

        TextView textView7 = new TextView(ManageStudentActivity.this);
        textView7.setTextSize(18);
        textView7.setTextColor(Color.parseColor("#000000"));
        textView7.setTypeface(Typeface.SANS_SERIF);
        textView7.setText(" Student HSC Marks: "+c.getHsc());
        linearLayout.addView(textView7);

        if(c.getGrade()!=null)
        {
            TextView textView8 = new TextView(ManageStudentActivity.this);
            textView8.setTextSize(18);
            textView8.setTextColor(Color.parseColor("#000000"));
            textView8.setTypeface(Typeface.SANS_SERIF);
            textView8.setText(" Student Grade: "+c.getGrade());
            linearLayout.addView(textView8);

           TextView textView9 = new TextView(ManageStudentActivity.this);
            textView9.setTextSize(18);
            textView9.setTextColor(Color.parseColor("#000000"));
            textView9.setTypeface(Typeface.SANS_SERIF);
            textView9.setText(" Student Skills: "+c.getSkill());
            linearLayout.addView(textView9);

            TextView textViewh = new TextView(ManageStudentActivity.this);
            textViewh.setTextSize(18);
            textViewh.setTextColor(Color.parseColor("#000000"));
            textViewh.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            textViewh.setGravity(Gravity.CENTER);
            textViewh.setText("\n * * * * * * * * *  Applied Jobs * * * * *
* * * * \n");
            linearLayout.addView(textViewh);


            TextView textViewa = new TextView(ManageStudentActivity.this);
            textViewa.setTextSize(16);
            textViewa.setTextColor(Color.parseColor("#000000"));
            textViewa.setTypeface(Typeface.SANS_SERIF);
```

```java
            textViewa.setText("\n Student CompanyName:
"+c.getCompanyName1());
            linearLayout.addView(textViewa);

            TextView textViewb = new TextView(ManageStudentActivity.this);
            textViewb.setTextSize(16);
            textViewb.setTextColor(Color.parseColor("#000000"));
            textViewb.setTypeface(Typeface.SANS_SERIF);
            textViewb.setText(" Student CompanyEmail:
"+c.getCompanyEmail1());
            linearLayout.addView(textViewb);

            TextView textViewc = new TextView(ManageStudentActivity.this);
            textViewc.setTextSize(16);
            textViewc.setTextColor(Color.parseColor("#000000"));
            textViewc.setTypeface(Typeface.SANS_SERIF);
            textViewc.setText(" Student JobName: "+c.getJobName1());
            linearLayout.addView(textViewc);

            TextView textViewd = new TextView(ManageStudentActivity.this);
            textViewd.setTextSize(16);
            textViewd.setTextColor(Color.parseColor("#000000"));
            textViewd.setTypeface(Typeface.SANS_SERIF);
            textViewd.setText(" Student JobId: "+c.getJobId1());
            linearLayout.addView(textViewd);

            TextView textViewe = new TextView(ManageStudentActivity.this);
            textViewe.setTextSize(16);
            textViewe.setTextColor(Color.parseColor("#000000"));
            textViewe.setTypeface(Typeface.SANS_SERIF);
            textViewe.setText(" Student JobType:
"+c.getJobType1()+"\n-------------------------------------------------
----\n");
            linearLayout.addView(textViewe);

            if(c.getCompanyName2()!=null)
            {
                TextView textViewa1 = new
TextView(ManageStudentActivity.this);
                textViewa1.setTextSize(16);
               textViewa1.setTextColor(Color.parseColor("#000000"));
                textViewa1.setTypeface(Typeface.SANS_SERIF);
                textViewa1.setText(" CompanyName: "+c.getCompanyName2());
                linearLayout.addView(textViewa1);

                TextView textViewb1 = new
TextView(ManageStudentActivity.this);
                textViewb1.setTextSize(16);
                textViewb1.setTextColor(Color.parseColor("#000000"));
```

```java
                        textViewb1.setTypeface(Typeface.SANS_SERIF);
                        textViewb1.setText(" CompanyEmail: "+c.getCompanyEmail2());
                        linearLayout.addView(textViewb1);

                        TextView textViewc1 = new
TextView(ManageStudentActivity.this);
                        textViewc1.setTextSize(16);
                        textViewc1.setTextColor(Color.parseColor("#000000"));
                        textViewc1.setTypeface(Typeface.SANS_SERIF);
                        textViewc1.setText(" JobName: "+c.getJobName2());
                        linearLayout.addView(textViewc1);

                        TextView textViewd1 = new
TextView(ManageStudentActivity.this);
                        textViewd1.setTextSize(16);
                        textViewd1.setTextColor(Color.parseColor("#000000"));
                        textViewd1.setTypeface(Typeface.SANS_SERIF);
                        textViewd1.setText(" JobId: "+c.getJobId2());
                        linearLayout.addView(textViewd1);

                        TextView textViewe1 = new
TextView(ManageStudentActivity.this);
                        textViewe1.setTextSize(16);
                        textViewe1.setTextColor(Color.parseColor("#000000"));
                        textViewe1.setTypeface(Typeface.SANS_SERIF);
                        textViewe1.setText(" JobType:
"+c.getJobType2()+"\n-------------------------------------------------
----\n");
                        linearLayout.addView(textViewe1);

                        if(c.getCompanyName3()!=null)
                        {
                            TextView textViewa3 = new
TextView(ManageStudentActivity.this);
                            textViewa3.setTextSize(16);
                            textViewa3.setTextColor(Color.parseColor("#000000"));
                            textViewa3.setTypeface(Typeface.SANS_SERIF);
                            textViewa3.setText(" CompanyName:
"+c.getCompanyName3());
                            linearLayout.addView(textViewa3);

                            TextView textViewb3 = new
TextView(ManageStudentActivity.this);
                            textViewb3.setTextSize(16);
                            textViewb3.setTextColor(Color.parseColor("#000000"));
                            textViewb3.setTypeface(Typeface.SANS_SERIF);
                            textViewb3.setText(" CompanyEmail:
"+c.getCompanyEmail3());
                            linearLayout.addView(textViewb3);
```

```java
                    TextView textViewc3 = new
TextView(ManageStudentActivity.this);
                    textViewc3.setTextSize(16);
                    textViewc3.setTextColor(Color.parseColor("#000000"));
                    textViewc3.setTypeface(Typeface.SANS_SERIF);
                    textViewc3.setText(" JobName: "+c.getJobName3());
                    linearLayout.addView(textViewc3);

                    TextView textViewd3 = new
TextView(ManageStudentActivity.this);
                    textViewd3.setTextSize(16);
                    textViewd3.setText(" JobId: "+c.getJobId3());
                    textViewd3.setTextColor(Color.parseColor("#000000"));
                    textViewd3.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textViewd3);

                    TextView textViewe3 = new
TextView(ManageStudentActivity.this);
                    textViewe3.setTextSize(16);
                    textViewe3.setTextColor(Color.parseColor("#000000"));
                    textViewe3.setTypeface(Typeface.SANS_SERIF);
                    textViewe3.setText(" JobType:
"+c.getJobType3()+"\n-------------------------------------------------
----\n");
                    linearLayout.addView(textViewe3);

                    if(c.getCompanyName4()!=null)
                    {
                        TextView textViewa4 = new
TextView(ManageStudentActivity.this);
                        textViewa4.setTextSize(16);

textViewa4.setTextColor(Color.parseColor("#000000"));
                        textViewa4.setTypeface(Typeface.SANS_SERIF);
                        textViewa4.setText(" CompanyName:
"+c.getCompanyName4());
                        linearLayout.addView(textViewa4);

                        TextView textViewb4 = new
TextView(ManageStudentActivity.this);
                        textViewb4.setTextSize(16);

textViewb4.setTextColor(Color.parseColor("#000000"));
                        textViewb4.setTypeface(Typeface.SANS_SERIF);
                        textViewb4.setText(" CompanyEmail:
"+c.getCompanyEmail4());
                        linearLayout.addView(textViewb4);
```

```java
                                        TextView textViewc4 = new
TextView(ManageStudentActivity.this);
                                        textViewc4.setTextSize(16);

textViewc4.setTextColor(Color.parseColor("#000000"));
                                        textViewc4.setTypeface(Typeface.SANS_SERIF);
                                        textViewc4.setText(" JobName: "+c.getJobName4());
                                        linearLayout.addView(textViewc4);

                                        TextView textViewd4 = new
TextView(ManageStudentActivity.this);
                                        textViewd4.setTextSize(16);

textViewd4.setTextColor(Color.parseColor("#000000"));
                                        textViewd4.setTypeface(Typeface.SANS_SERIF);
                                        textViewd4.setText(" JobId: "+c.getJobId4());
                                        linearLayout.addView(textViewd4);

                                        TextView textViewe4 = new
TextView(ManageStudentActivity.this);
                                        textViewe4.setTextSize(16);

textViewe4.setTextColor(Color.parseColor("#000000"));
                                        textViewe4.setTypeface(Typeface.SANS_SERIF);
                                        textViewe4.setText(" JobType:
"+c.getJobType4()+"\n-------------------------------------------------
----\n");
                                        linearLayout.addView(textViewe4);

                                }
                        }

                }
        }
        LinearLayout row = new LinearLayout(this);
        row.setLayoutParams(new LinearLayout.LayoutParams
                (LinearLayout.LayoutParams.MATCH_PARENT,
                        LinearLayout.LayoutParams.WRAP_CONTENT));
        row.setOrientation(LinearLayout.HORIZONTAL);
        linearLayout.addView(row);

        Button btn1 = new Button(this);
        btn1.setText("Update");
        btn1.setBackgroundColor(Color.parseColor("#000000"));
        LinearLayout.LayoutParams params = new LinearLayout.LayoutParams(
                LinearLayout.LayoutParams.WRAP_CONTENT,
                LinearLayout.LayoutParams.WRAP_CONTENT
        );
        params.setMargins(200,0,75,50);
```

```java
        btn1.setTextColor(Color.parseColor("#ffffff"));
        btn1.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
        btn1.setLayoutParams(params);
        row.addView(btn1);
        final String x=c.getEmailId();

        btn1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i = new Intent(ManageStudentActivity.this,
Student_update_details_by_admin.class);
                i.putExtra("Email", x);
                i.putExtra("EmailId",emailIdFromOtherClass);
                i.putExtra("Name",name);
                startActivity(i);
                finish();
            }
        });

        Button btn2 = new Button(this);
        btn2.setText("Delete");
        btn2.setBackgroundColor(Color.parseColor("#000000"));
        LinearLayout.LayoutParams params1 = new LinearLayout.LayoutParams(
                LinearLayout.LayoutParams.WRAP_CONTENT,
                LinearLayout.LayoutParams.WRAP_CONTENT
        );
        params1.setMargins(75,0,0,50);
        btn2.setTextColor(Color.parseColor("#ffffff"));
        btn2.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
        btn2.setLayoutParams(params1);
        row.addView(btn2);

        btn2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent i = new Intent(ManageStudentActivity.this,
delete_student_by_admin.class);
                i.putExtra("Email", x);
                i.putExtra("EmailId",emailIdFromOtherClass);
                i.putExtra("Name",name);
                startActivity(i);
                finish();
            }
        });
    }


    Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);
```

```java
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
                this, drawer, toolbar, R.string.navigation_drawer_open,
R.string.navigation_drawer_close);
        drawer.addDrawerListener(toggle);
        toggle.syncState();

        NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
        navigationView.setNavigationItemSelectedListener(this);
        View header=navigationView.getHeaderView(0);
        TextView Name = (TextView)header.findViewById(R.id.Photoname);
        Name.setText(name);
        TextView email = (TextView)header.findViewById(R.id.Photomail);
        email.setText(emailIdFromOtherClass);
    }

    @Override
    public void onBackPressed() {
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        if (drawer.isDrawerOpen(GravityCompat.START)) {
            drawer.closeDrawer(GravityCompat.START);
        } else {
            super.onBackPressed();
        }
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
present.
        getMenuInflater().inflate(R.menu.manage_student, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
 //         mAuth.signOut();
            startActivity(new Intent(getApplicationContext(),
loginAdmin.class));
```

```java
            finish();
            return true;
        }


        else if(id==R.id.help)
        {
            startActivity(new Intent(getApplicationContext(),adminHelp.class));
            return true;
        }


        return super.onOptionsItemSelected(item);
    }


    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();
        if(id==R.id.admin_home){
            Intent i = new
Intent(ManageStudentActivity.this,AdminNavBarActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //        startActivity(new
Intent(getApplicationContext(),AdminNavBarActivity.class));
            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            // Handle the camera action
            Intent i = new
Intent(ManageStudentActivity.this,ManageStudentActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //   startActivity(new
Intent(getApplicationContext(),ManageStudentActivity.class));
            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_gallery) {
            Intent i = new
Intent(ManageStudentActivity.this,ManageCompany.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
```

```java
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_slideshow) {
            Intent i = new
Intent(ManageStudentActivity.this,AdminUpdateDetails.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //startActivity(new
Intent(getApplicationContext(),AdminUpdateDetails.class));
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_manage) {
            Intent i = new
Intent(ManageStudentActivity.this,AdminChangePasswordNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //startActivity(new
Intent(getApplicationContext(),AdminChangePasswordNavBar.class));
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }

        drawer.closeDrawer(GravityCompat.START);
        return true;
    }
}
```

## Post Jobs

```java
package com.aashika.software;
import android.content.Intent;
import android.os.Bundle;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;
import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;
import android.util.Log;
import android.util.Patterns;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;
```

```java
import android.widget.EditText;
import android.widget.ScrollView;
import android.widget.TextView;
import android.widget.Toast;

import java.util.ArrayList;

public class PostJobs extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {

private String emailIdFromOtherClass;
    private EditText mJobId;
    private EditText mJobName;
    private EditText mJobType;
    private EditText mSalary;
    private Button mUpdateButton;
    private String name;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_post_jobs);
        ScrollView mscrollView = (ScrollView)
findViewById(R.id.post_jobs_scroll_id);

        mJobId = (EditText) findViewById(R.id.job_id);
        mJobName = (EditText) findViewById(R.id.job_name_id);
        mJobType = (EditText) findViewById(R.id.job_type_id);
        mSalary = (EditText) findViewById(R.id.salary_id);
        mUpdateButton = (Button) findViewById(R.id.update_post_jobs_button_id);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        name = getIntent().getExtras().getString("Name");
        Log.v("email",emailIdFromOtherClass);
        mUpdateButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String JobId =  mJobId.getText().toString();
                String JobName = mJobName.getText().toString();
                String JobType =  mJobType.getText().toString();
                String JobSalary = mSalary.getText().toString();
                if(JobId.isEmpty())
                {
                    mJobId.requestFocus();
                    mJobId.setError("Job id is required");
                    return;
                }
                if(JobId.matches("1000"))
                {
                    mJobId.requestFocus();
                    mJobId.setError("Job id pattern must be 1001");
```

```java
                    return;
                }
                if(JobId.length()!=4)
                {
                    mJobId.requestFocus();
                    mJobId.setError("Job id must be of length 4");
                    return;
                }
                if(JobName.isEmpty())
                {
                    mJobName.requestFocus();
                    mJobName.setError("Job Name is required");
                    return;
                }
                if(JobType.isEmpty())
                {
                    mJobType.requestFocus();
                    mJobType.setError("Job Type is required");
                    return;
                }
                if(JobSalary.isEmpty())
                {
                    mSalary.requestFocus();
                    mSalary.setError("Job Salary is required");
                    return;
                }

                try {
                    DatabaseHelperCompany helper = new
DatabaseHelperCompany(PostJobs.this);
                    final ArrayList<String> list =
helper.searchEmail(emailIdFromOtherClass);
                    CompanyContact c = new CompanyContact();
                    c.setId(Integer.parseInt(list.get(0)));
                    c.setName(list.get(1));
                    c.setUname(list.get(2));
                    c.setUid(list.get(3));
                    c.setEmailId(list.get(4));
                    c.setContactNo(list.get(5));
                    c.setPassword(list.get(6));
                    c.setAddress(list.get(7));
                    c.setRank(list.get(8));
                    helper.postJobs(emailIdFromOtherClass,
Integer.parseInt(mJobId.getText().toString()), mJobName.getText().toString(),
mJobType.getText().toString(), Integer.parseInt(mSalary.getText().toString()),
c);
                    Intent i = new Intent(PostJobs.this,
CompanyView_Posted_Jobs.class);
                    i.putExtra("EmailId", emailIdFromOtherClass);
```

```java
                i.putExtra("Name", name);
                Toast.makeText(getApplicationContext(), "Job posted
successfully", Toast.LENGTH_LONG).show();
                startActivity(i);
            }
            catch(Exception e){
                Toast.makeText(getApplicationContext(), "Check all details
filled/not", Toast.LENGTH_LONG).show();
            }
        }
    });

    Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);


    DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
    ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
            this, drawer, toolbar, R.string.navigation_drawer_open,
R.string.navigation_drawer_close);
    drawer.addDrawerListener(toggle);
    toggle.syncState();

    NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
    navigationView.setNavigationItemSelectedListener(this);
    View header=navigationView.getHeaderView(0);
    TextView Name = (TextView)header.findViewById(R.id.Photoname);
    Name.setText(name);
    TextView email = (TextView)header.findViewById(R.id.Photomail);
    email.setText(emailIdFromOtherClass);
}

@Override
public void onBackPressed() {
    DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
    if (drawer.isDrawerOpen(GravityCompat.START)) {
        drawer.closeDrawer(GravityCompat.START);
    } else {
        super.onBackPressed();
    }
}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is
present.
    getMenuInflater().inflate(R.menu.post_jobs, menu);
    return true;
```

```java
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
            //mAuth.signOut();
            startActivity(new Intent(getApplicationContext(),
loginCompany.class));
            finish();
            return true;
        }
        else if(id==R.id.help)
        {
            startActivity(new
Intent(getApplicationContext(),companyHelp.class));
            return true;
        }
        return super.onOptionsItemSelected(item);
    }

    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();
        if (id == R.id.company_home )
        {
            Intent i = new Intent(getApplicationContext(),CompanyNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
          drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            Intent i = new Intent(getApplicationContext(),PostJobs.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
```

```java
        else if (id == R.id.nav_viewjobs) {
            // startActivity(new
Intent(getApplicationContext(),PostJobs.class));
            //finish();
            Intent i = new
Intent(getApplicationContext(),CompanyView_Posted_Jobs.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
            // Handle the camera action
        }
        else if (id == R.id.nav_gallery) {
            //startActivity(new
Intent(getApplicationContext(),ViewStudentApplicationCompanyNavBar.class));
            Intent i = new
Intent(getApplicationContext(),ViewStudentApplicationCompanyNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_manage) {
            //startActivity(new
Intent(getApplicationContext(),CompanyUpdateDetailsNavBar.class));
            Intent i = new
Intent(getApplicationContext(),CompanyUpdateDetailsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_password) {
            //startActivity(new
Intent(getApplicationContext(),ChangePasswordNavBar.class));
            Intent i = new
Intent(getApplicationContext(),CompanyChangePasswordNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }

        drawer.closeDrawer(GravityCompat.START);
        return true;
    }
```

```
}
```

# Search Jobs

```java
package com.aashika.software;

import android.content.Intent;
import android.graphics.Color;
import android.graphics.Typeface;
import android.os.Bundle;
import android.util.Log;
import android.view.View;

import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.ListView;
import android.widget.ScrollView;
import android.widget.TextView;

import java.util.ArrayList;
import java.util.Iterator;
import java.util.List;

public class SearchJobsNavBar extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {

    private String emailIdFromOtherClass;
    private String name;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_search_jobs_nav_bar);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        DatabaseHelper helper = new DatabaseHelper(SearchJobsNavBar.this);
        final ArrayList<String> list =
helper.searchEmail(emailIdFromOtherClass);
```

```java
        name=list.get(1);

        ScrollView mscrollView = (ScrollView)
findViewById(R.id.search_jobs_scroll_id);
        LinearLayout linearLayout = (LinearLayout)
findViewById(R.id.search_jobs_layout_id);

        DatabaseHelperCompany helperCompany = new
DatabaseHelperCompany(SearchJobsNavBar.this);
        List<CompanyContact> companyList = helperCompany.getAllCompany();

        for(int i=0; i<companyList.size();i++)
        {
            CompanyContact c = companyList.get(i);
            if(c.getJobName1()!=null)
            {
                TextView textView = new TextView(SearchJobsNavBar.this);
                textView.setTextSize(18);
                textView.setText("  * * * * * * * * * * * * Jobs Posted * * * *
* * * * * *  \n");
                textView.setTextColor(Color.parseColor("#000000"));
                textView.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
                linearLayout.addView(textView);

                TextView textView0 = new TextView(SearchJobsNavBar.this);
                textView0.setTextSize(16);
                textView0.setText(" Job Title: "+c.getJobName1());
                textView0.setTextColor(Color.parseColor("#000000"));
                linearLayout.addView(textView0);

                TextView textView1 = new TextView(SearchJobsNavBar.this);
                textView1.setTextSize(16);
                textView1.setTextColor(Color.parseColor("#000000"));
                textView1.setText(" Company Name: "+c.getName());
                linearLayout.addView(textView1);


                TextView textView2 = new TextView(SearchJobsNavBar.this);
                textView2.setTextSize(16);
                textView2.setTextColor(Color.parseColor("#000000"));
                textView2.setText(" Job Id: "+c.getJobId1());
                linearLayout.addView(textView2);

                TextView textView3 = new TextView(SearchJobsNavBar.this);
                textView3.setTextSize(16);
                textView3.setTextColor(Color.parseColor("#000000"));
                textView3.setText(" Job Type: "+c.getJobType1());
                linearLayout.addView(textView3);
```

```java
            TextView textView4 = new TextView(SearchJobsNavBar.this);
            textView4.setTextSize(16);
            textView4.setTextColor(Color.parseColor("#000000"));
            textView4.setText(" Salary:
"+c.getSalary1()+"\n-------------------------------------------------
------------------------------\n");
            linearLayout.addView(textView4);


            Button btn1 = new Button(this);
            btn1.setText("Apply");
            btn1.setBackgroundColor(Color.parseColor("#000000"));
            LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(
                    LinearLayout.LayoutParams.WRAP_CONTENT,
                    LinearLayout.LayoutParams.WRAP_CONTENT
            );
            params.setMargins(400,0,0,50);
            btn1.setTextColor(Color.parseColor("#ffffff"));
            btn1.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            btn1.setLayoutParams(params);
            linearLayout.addView(btn1);
            String Cemail=c.getEmailId();
            btn1.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {

                        if (list.get(14)!=null) {
                            btn1.setText("Applied");
                        }
                    else {
                        Intent i = new Intent(SearchJobsNavBar.this,
apply_jobs_from_search.class);
                        i.putExtra("EmailId", emailIdFromOtherClass);
                        i.putExtra("Name", name);
                        i.putExtra("Cemail", Cemail);
                        i.putExtra("flag", 1);
                        startActivity(i);
                        finish();
                    }

                }
            });
        }

        if(c.getJobName2()!=null)
        {
            TextView textView5 = new TextView(SearchJobsNavBar.this);
            textView5.setTextSize(16);
```

```java
            textView5.setText(" Job Title: "+c.getJobName2());
            textView5.setTextColor(Color.parseColor("#000000"));
            linearLayout.addView(textView5);


            TextView textView6 = new TextView(SearchJobsNavBar.this);
            textView6.setTextSize(16);
            textView6.setTextColor(Color.parseColor("#000000"));
            textView6.setText(" Company Name: "+c.getName());
            linearLayout.addView(textView6);


            TextView textView7 = new TextView(SearchJobsNavBar.this);
            textView7.setTextSize(16);
            textView7.setTextColor(Color.parseColor("#000000"));
            textView7.setText(" Job Id: "+c.getJobId2());
            linearLayout.addView(textView7);


            TextView textView8 = new TextView(SearchJobsNavBar.this);
            textView8.setTextSize(16);
            textView8.setTextColor(Color.parseColor("#000000"));
            textView8.setText(" Job Type: "+c.getJobType2());
            linearLayout.addView(textView8);


            TextView textView9 = new TextView(SearchJobsNavBar.this);
            textView9.setTextSize(16);
            textView9.setTextColor(Color.parseColor("#000000"));
            textView9.setText(" Salary:
"+c.getSalary2()+"\n-----------------------------------------------------
----------------------------\n");
            linearLayout.addView(textView9);



            Button btn1 = new Button(this);
            btn1.setText("Apply");
            btn1.setBackgroundColor(Color.parseColor("#000000"));
            LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(
                    LinearLayout.LayoutParams.WRAP_CONTENT,
                    LinearLayout.LayoutParams.WRAP_CONTENT
            );

            params.setMargins(400,0,0,50);
            btn1.setTextColor(Color.parseColor("#ffffff"));
            btn1.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            btn1.setLayoutParams(params);
            linearLayout.addView(btn1);
            String Cemail=c.getEmailId();
            btn1.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
```

```java
                if (list.get(20)!=null) {
                    btn1.setText("Applied");
                } else {
                    Intent i = new Intent(SearchJobsNavBar.this,
apply_jobs_from_search.class);
                    i.putExtra("EmailId", emailIdFromOtherClass);
                    i.putExtra("Name", name);
                    i.putExtra("Cemail", Cemail);
                    i.putExtra("flag", 2);
                    startActivity(i);
                    finish();
                }
            }
        });
    }
    if(c.getJobName3()!=null)
    {
        TextView textView10 = new TextView(SearchJobsNavBar.this);
        textView10.setTextSize(16);
        textView10.setTextColor(Color.parseColor("#000000"));
        textView10.setText(" Job Title: "+c.getJobName3());
        linearLayout.addView(textView10);

        TextView textView11 = new TextView(SearchJobsNavBar.this);
        textView11.setTextSize(16);
        textView11.setTextColor(Color.parseColor("#000000"));
        textView11.setText(" Company Name: "+c.getName());
        linearLayout.addView(textView11);

        TextView textView12 = new TextView(SearchJobsNavBar.this);
        textView12.setTextSize(16);
        textView12.setTextColor(Color.parseColor("#000000"));
        textView12.setText(" Job Id: "+c.getJobId3());
        linearLayout.addView(textView12);

        TextView textView13 = new TextView(SearchJobsNavBar.this);
        textView13.setTextSize(16);
        textView13.setTextColor(Color.parseColor("#000000"));
        textView13.setText(" Job Type: "+c.getJobType3());
        linearLayout.addView(textView13);

        TextView textView14 = new TextView(SearchJobsNavBar.this);
        textView14.setTextSize(16);
        textView14.setTextColor(Color.parseColor("#000000"));
        textView14.setText(" Salary:
"+c.getSalary3()+"\n-------------------------------------------------------
------------------------\n");
        linearLayout.addView(textView14);
```

```java
            Button btn1 = new Button(this);
            btn1.setText("Apply");
            btn1.setBackgroundColor(Color.parseColor("#000000"));
            LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(
                    LinearLayout.LayoutParams.WRAP_CONTENT,
                    LinearLayout.LayoutParams.WRAP_CONTENT
            );
            params.setMargins(400,0,0,50);
            btn1.setTextColor(Color.parseColor("#ffffff"));
            btn1.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
            btn1.setLayoutParams(params);
            linearLayout.addView(btn1);
            String Cemail=c.getEmailId();
            btn1.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    if (list.get(26)!=null) {
                        btn1.setText("Applied");
                    }
                    else {
                        Intent i = new Intent(SearchJobsNavBar.this,
apply_jobs_from_search.class);
                        i.putExtra("EmailId", emailIdFromOtherClass);
                        i.putExtra("Name", name);
                        i.putExtra("Cemail", Cemail);
                        i.putExtra("flag", 3);
                        startActivity(i);
                        finish();
                    }
                }
            });
        }

        if(c.getJobName4()!=null)
        {
            TextView textView15 = new TextView(SearchJobsNavBar.this);
            textView15.setTextSize(16);
            textView15.setTextColor(Color.parseColor("#000000"));
            textView15.setText(" Job Title: "+c.getJobName4());
            linearLayout.addView(textView15);

            TextView textView16 = new TextView(SearchJobsNavBar.this);
            textView16.setTextSize(16);
            textView16.setTextColor(Color.parseColor("#000000"));
            textView16.setText(" Company Name: "+c.getName());
            linearLayout.addView(textView16);
```

```java
                TextView textView17 = new TextView(SearchJobsNavBar.this);
                textView17.setTextSize(16);
                textView17.setText(" Job Id: "+c.getJobId4());
                textView17.setTextColor(Color.parseColor("#000000"));
                linearLayout.addView(textView17);


                TextView textView18 = new TextView(SearchJobsNavBar.this);
                textView18.setTextSize(16);
                textView18.setTextColor(Color.parseColor("#000000"));
                textView18.setText(" Job Type: "+c.getJobType4());
                linearLayout.addView(textView18);


                TextView textView19 = new TextView(SearchJobsNavBar.this);
                textView19.setTextSize(16);
                textView19.setTextColor(Color.parseColor("#000000"));
                textView19.setText(" Salary:
"+c.getSalary4()+"\n----------------------------------------------------
---\n");
                linearLayout.addView(textView19);



                Button btn1 = new Button(this);
                btn1.setText("Apply");
                btn1.setBackgroundColor(Color.parseColor("#000000"));
                LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(
                        LinearLayout.LayoutParams.WRAP_CONTENT,
                        LinearLayout.LayoutParams.WRAP_CONTENT
                );
                params.setMargins(400,0,0,50);
                btn1.setTextColor(Color.parseColor("#ffffff"));
                btn1.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
                btn1.setLayoutParams(params);
                linearLayout.addView(btn1);
                String Cemail=c.getEmailId();
                btn1.setOnClickListener(new View.OnClickListener() {
                    @Override
                    public void onClick(View v) {
                        Intent i = new Intent(SearchJobsNavBar.this,
apply_jobs_from_search.class);
                        if (list.get(34)!=null) {
                            btn1.setText("Applied");
                        }
                        else {
                            i.putExtra("EmailId", emailIdFromOtherClass);
                            i.putExtra("Name", name);
                            i.putExtra("Cemail", Cemail);
                            i.putExtra("flag", 4);
                            startActivity(i);
```

```java
                            finish();
                    }
                }
            });
        }


    }

        /*MyListAdapter adapter = new MyListAdapter(getApplicationContext(),
maintitle, subtitle,imgid);
        list=(ListView)findViewById(R.id.list_item);
        list.setAdapter(adapter);
*/
        Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);


        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
                this, drawer, toolbar, R.string.navigation_drawer_open,
R.string.navigation_drawer_close);
        drawer.addDrawerListener(toggle);
        toggle.syncState();
        NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
        navigationView.setNavigationItemSelectedListener(this);
        View header=navigationView.getHeaderView(0);
        TextView Name = (TextView)header.findViewById(R.id.Photoname);
        Name.setText(name);
        TextView email = (TextView)header.findViewById(R.id.Photomail);
        email.setText(emailIdFromOtherClass);
    }

    @Override
    public void onBackPressed() {
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        if (drawer.isDrawerOpen(GravityCompat.START)) {
            drawer.closeDrawer(GravityCompat.START);
        } else {
            super.onBackPressed();
        }
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
present.
        getMenuInflater().inflate(R.menu.search_jobs_nav_bar, menu);
```

```java
        return true;
    }


    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
        //    mAuth.signOut();
            startActivity(new Intent(SearchJobsNavBar.this, login.class));
            finish();
            return true;
        }

        else if(id==R.id.help)
        {
            startActivity(new
Intent(getApplicationContext(),studentHelp.class));
            return true;
        }
        return super.onOptionsItemSelected(item);
    }

    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();

        if (id == R.id.student_home )
        {
            /*startActivity(new
Intent(getApplicationContext(),NavBarActivity.class));*/
            Intent i = new Intent(SearchJobsNavBar.this,NavBarActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            /*startActivity(new
Intent(SearchJobsNavBar.this,ApplyForJobsNavBar.class));*/
```

```java
            Intent i = new
Intent(SearchJobsNavBar.this,ApplyForJobsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
            // Handle the camera action
        } else if (id == R.id.nav_gallery) {
            /*startActivity(new
Intent(SearchJobsNavBar.this,ViewJobStatusNavBar.class));*/
            Intent i = new
Intent(SearchJobsNavBar.this,ViewJobStatusNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_slideshow) {
            /*startActivity(new
Intent(SearchJobsNavBar.this,SearchJobsNavBar.class));*/
            Intent i = new
Intent(SearchJobsNavBar.this,SearchJobsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;

        } else if (id == R.id.nav_manage) {
            /*startActivity(new
Intent(SearchJobsNavBar.this,UpdateDetailsNavBar.class));*/
            Intent i = new
Intent(SearchJobsNavBar.this,UpdateDetailsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;

        } else if (id == R.id.nav_password) {
            /*startActivity(new
Intent(SearchJobsNavBar.this,ChangePasswordNavBar.class));*/
            Intent i = new
Intent(SearchJobsNavBar.this,ChangePasswordNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
```

```java
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        drawer.closeDrawer(GravityCompat.START);
        return true;
    }
}
```

# Apply for Jobs

```java
package com.aashika.software;

import android.content.Intent;
import android.os.Bundle;
import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;
import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.Button;
import android.widget.EditText;
import android.widget.LinearLayout;
import android.widget.ScrollView;
import android.widget.TextView;
import android.widget.Toast;

import java.util.ArrayList;

public class ApplyForJobsNavBar extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {
    private String emailIdFromOtherClass;
    private EditText mname;
    private EditText memailId;
    private EditText mcontactno;
    private EditText mgrade;
    private EditText mskill;
    private EditText maddress;
    private EditText mCompany;
    private EditText mCompanyEmail;
```

```java
    private EditText jobName;
    private EditText jobId;
    private EditText jobType;
    private String name;
    private Button mbutton;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_apply_for_jobs_nav_bar);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        name = getIntent().getExtras().getString("Name");
        ScrollView mscrollView = (ScrollView)
findViewById(R.id.apply_for_jobs_scroll_id);
        mname = (EditText) findViewById(R.id.student_name);
        memailId = (EditText) findViewById(R.id.student_email);
        mcontactno = (EditText) findViewById(R.id.student_contact);
        mgrade = (EditText) findViewById(R.id.student_grade);
        mskill = (EditText) findViewById(R.id.student_skill);
        maddress = (EditText) findViewById(R.id.student_address);
        mCompany = (EditText) findViewById(R.id.job_company_name);
        mCompanyEmail = (EditText) findViewById(R.id.job_company_email_id);
        jobName = (EditText) findViewById(R.id.job_title_id);
        jobId = (EditText) findViewById(R.id.job_id_search);
        jobType = (EditText) findViewById(R.id.job_type_id_search);
        mbutton = (Button) findViewById(R.id.apply_for_jobs_button_id);


        DatabaseHelper helper = new DatabaseHelper(ApplyForJobsNavBar.this);
    final ArrayList<String> list = helper.searchEmail(emailIdFromOtherClass);
        mname.setText(list.get(1));
        memailId.setText(list.get(4));
        mcontactno.setText(list.get(5));
        mgrade .setText(list.get(10));
        mskill.setText(list.get(11));
        maddress.setText(list.get(7));


        mbutton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
          DatabaseHelper helper = new DatabaseHelper(ApplyForJobsNavBar.this);
                final ArrayList<String> list =
helper.searchEmail(emailIdFromOtherClass);
                StudentContact c = new StudentContact();
                c.setId(Integer.parseInt(list.get(0)));

helper.applyForJob(emailIdFromOtherClass,mgrade.getText().toString(),mskill.ge
tText().toString(),mCompany.getText().toString(),mCompanyEmail.getText().toStr
```

```
ing(),Integer.parseInt(jobId.getText().toString()),jobName.getText().toString(
),jobType.getText().toString(),c);
                Intent i = new
Intent(ApplyForJobsNavBar.this,NavBarActivity.class);
                i.putExtra("EmailId",emailIdFromOtherClass);
                Toast.makeText(getApplicationContext(),"Applied for job
successfully",Toast.LENGTH_LONG).show();
                startActivity(i);
            }
        });
        Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);


        FloatingActionButton fab = (FloatingActionButton)
findViewById(R.id.fab);
        fab.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(Intent.ACTION_SEND);
                intent.putExtra(Intent.EXTRA_EMAIL,new
String[]{mCompanyEmail.getText().toString()});
                intent.setType("message/rfc822");
                intent.putExtra(Intent.EXTRA_SUBJECT, "Regarding Job
Application");
                intent.putExtra(Intent.EXTRA_TEXT , "Hello sir, \n\n Here is
the issues I have faced in the posted application Kindly check the issue as
soon as possible! \n\n Thank you.");
                startActivity(Intent.createChooser(intent, "Choose an email
client"));
            }
        });

        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
                this, drawer, toolbar, R.string.navigation_drawer_open,
R.string.navigation_drawer_close);
        drawer.addDrawerListener(toggle);
        toggle.syncState();

        NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
        navigationView.setNavigationItemSelectedListener(this);
        View header=navigationView.getHeaderView(0);
        TextView Name = (TextView)header.findViewById(R.id.Photoname);
        Name.setText(name);
        TextView email = (TextView)header.findViewById(R.id.Photomail);
        email.setText(emailIdFromOtherClass);
        onStart();
```

```java
    }

    @Override
    protected void onStart() {
        super.onStart();
    }

    @Override
    public void onBackPressed() {
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        if (drawer.isDrawerOpen(GravityCompat.START)) {
            drawer.closeDrawer(GravityCompat.START);
        } else {
            super.onBackPressed();
        }
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
present.
        getMenuInflater().inflate(R.menu.apply_for_jobs_nav_bar, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
      //        mAuth.signOut();
            startActivity(new Intent(ApplyForJobsNavBar.this, login.class));
            finish();
            return true;
        }

        else if(id==R.id.help)
        {
            startActivity(new
Intent(getApplicationContext(),studentHelp.class));
            return true;
        }

        return super.onOptionsItemSelected(item);
    }
```

```java
    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();
        if (id == R.id.student_home )
        {
            /*startActivity(new
Intent(getApplicationContext(),NavBarActivity.class));*/
            Intent i = new
Intent(ApplyForJobsNavBar.this,NavBarActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            /*startActivity(new
Intent(ApplyForJobsNavBar.this,ApplyForJobsNavBar.class));*/
            Intent i = new
Intent(ApplyForJobsNavBar.this,ApplyForJobsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
            // Handle the camera action
        } else if (id == R.id.nav_gallery) {
            /*startActivity(new
Intent(ApplyForJobsNavBar.this,ViewJobStatusNavBar.class));*/
            Intent i = new
Intent(ApplyForJobsNavBar.this,ViewJobStatusNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_slideshow) {
            /*startActivity(new
Intent(ApplyForJobsNavBar.this,SearchJobsNavBar.class));*/
            Intent i = new
Intent(ApplyForJobsNavBar.this,SearchJobsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
```

```java
            drawer.closeDrawer(GravityCompat.START);
            return true;

        } else if (id == R.id.nav_manage) {
            /*startActivity(new
Intent(ApplyForJobsNavBar.this,UpdateDetailsNavBar.class));*/
            Intent i = new
Intent(ApplyForJobsNavBar.this,UpdateDetailsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;

        } else if (id == R.id.nav_password) {
            /*startActivity(new
Intent(ApplyForJobsNavBar.this,ChangePasswordNavBar.class));*/
            Intent i = new
Intent(ApplyForJobsNavBar.this,ChangePasswordNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }

        drawer.closeDrawer(GravityCompat.START);
        return true;
    }
}
```

## View Student Applications by Company

```java
package com.aashika.software;
import android.content.Intent;
import android.graphics.Color;
import android.graphics.Typeface;
import android.os.Bundle;

import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;
```

```java
import android.view.Gravity;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.ScrollView;
import android.widget.TextView;
import android.widget.Toast;

import org.w3c.dom.Text;

import java.util.List;

public class ViewStudentApplicationCompanyNavBar extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {

    private String emailIdFromOtherClass;
    private String name;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

setContentView(R.layout.activity_view_student_application_company_nav_bar);

        ScrollView mscrollView = (ScrollView)
findViewById(R.id.view_student_application_company_scroll_id);
        LinearLayout linearLayout = (LinearLayout)
findViewById(R.id.view_student_application_company_linear_layout_id);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        name = getIntent().getExtras().getString("Name");
        DatabaseHelper helper = new
DatabaseHelper(ViewStudentApplicationCompanyNavBar.this);
        List<StudentContact> studentList = helper.getAllStudent();
        TextView textView0 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
        textView0.setTextSize(20);
        textView0.setText(" * * * * * * * * Applications * * * * * * * *
\n");
        textView0.setTextColor(Color.parseColor("#303F9F"));
        textView0.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
        textView0.setGravity(Gravity.CENTER);
        linearLayout.addView(textView0);
```

```java
        for (int i = 0; i < studentList.size(); i++) {
            StudentContact c = studentList.get(i);

            if (c.getCompanyEmail1() != null &&
c.getCompanyEmail1().equals(emailIdFromOtherClass)) {
                TextView textView1 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView1.setTextSize(16);
                textView1.setText(" Student Name: " + c.getName());
                textView1.setTextColor(Color.parseColor("#000000"));
                textView1.setTypeface(Typeface.SANS_SERIF);
                linearLayout.addView(textView1);

                TextView textView2 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView2.setTextSize(16);
                textView2.setText(" Job Name: " + c.getJobName1());
                textView2.setTextColor(Color.parseColor("#000000"));
                textView2.setTypeface(Typeface.SANS_SERIF);
                linearLayout.addView(textView2);

                TextView textView3 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView3.setTextSize(16);
                textView3.setTextColor(Color.parseColor("#000000"));
                textView3.setTypeface(Typeface.SANS_SERIF);
                textView3.setText(" Job Id: " + c.getJobId1());
                linearLayout.addView(textView3);

                TextView textView4 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView4.setTextSize(16);
                textView4.setTextColor(Color.parseColor("#000000"));
                textView4.setTypeface(Typeface.SANS_SERIF);
                textView4.setText(" Job Type: " + c.getJobType1());
                linearLayout.addView(textView4);

                TextView textView5 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView5.setTextSize(16);
                textView5.setTextColor(Color.parseColor("#000000"));
                textView5.setTypeface(Typeface.SANS_SERIF);
                textView5.setText(" Student EmailId: " + c.getEmailId());
                linearLayout.addView(textView5);

                TextView textView6 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView6.setTextSize(16);
                textView6.setTextColor(Color.parseColor("#000000"));
```

```java
            textView6.setTypeface(Typeface.SANS_SERIF);
            textView6.setText(" Student ContactNo: " + c.getContactNo());
            linearLayout.addView(textView6);


            TextView textView7 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView7.setTextSize(16);
            textView7.setTextColor(Color.parseColor("#000000"));
            textView7.setTypeface(Typeface.SANS_SERIF);
            textView7.setText(" Student Grade: " + c.getGrade());
            linearLayout.addView(textView7);


            TextView textView8 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView8.setTextSize(16);
            textView8.setTextColor(Color.parseColor("#000000"));
            textView8.setTypeface(Typeface.SANS_SERIF);
            textView8.setText(" Student Skill: " + c.getSkill() + "\n");
            linearLayout.addView(textView8);



            RadioGroup rg = new RadioGroup(this);
            LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(ViewGroup.LayoutParams.MATCH_PARENT,
ViewGroup.LayoutParams.WRAP_CONTENT);
            params.setMargins(250, 0, 0, 0);
            rg.setLayoutParams(params);
            String []array={"Select", "Reject"};
            rg.setOrientation(RadioGroup.HORIZONTAL);
            for(int j=0; j<2; j++){
                RadioButton rb  = new RadioButton(this);
                rb.setText(array[j]);
                rb.setId(j);
                rg.addView(rb);
                rb.setOnClickListener(new View.OnClickListener() {
                    @Override
                    public void onClick(View v) {
                        ((RadioGroup) v.getParent()).check(v.getId());
                        if(v.getId()==0){
                            helper.clearstatus1(c);
                            c.setQualified1(true);
                            Toast.makeText(getApplicationContext(),
"Clicked true", Toast.LENGTH_LONG).show();
                            helper.status1(c);
                            Intent intent = new Intent(Intent.ACTION_SEND);
                            intent.putExtra(Intent.EXTRA_EMAIL,new
String[]{c.getEmailId()});
                            intent.setType("message/rfc822");
```

```java
                                    intent.putExtra(Intent.EXTRA_SUBJECT,
"Regarding Job Application");
                                    intent.putExtra(Intent.EXTRA_TEXT , "Dear
student, \n\n Congratulations, you have been selected for the
"+c.getJobName1()+" position in the company " +name+" for the further
communication kindly upload the resume as soon as possible! \n\n Thank you.");
                                    startActivity(Intent.createChooser(intent,
"Choose an email client"));
                                }
                                else{
                                    helper.clearstatus1(c);
                                    c.setQualified1(false);
                                    Toast.makeText(getApplicationContext(),
"Clicked false", Toast.LENGTH_LONG).show();
                                    helper.status1(c);
                                }
                        }
                    });
                }
                linearLayout.addView(rg);
            }
        }


        for(int i = 0; i<studentList.size();i++)     {
        StudentContact c = studentList.get(i);
        if (c.getCompanyEmail2() != null &&
(c.getCompanyEmail2()).equals(emailIdFromOtherClass)) {

            TextView textView9 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView9.setTextSize(16);
            textView9.setTextColor(Color.parseColor("#000000"));
            textView9.setTypeface(Typeface.SANS_SERIF);
            textView9.setText(" Student Name: " + c.getName());
            linearLayout.addView(textView9);

            TextView textView10 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView10.setTextSize(16);
            textView10.setTextColor(Color.parseColor("#000000"));
            textView10.setTypeface(Typeface.SANS_SERIF);
            textView10.setText(" Job Name: " + c.getJobName2());
            linearLayout.addView(textView10);

            TextView textView11 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView11.setTextSize(16);
            textView11.setTextColor(Color.parseColor("#000000"));
```

```java
            textView11.setTypeface(Typeface.SANS_SERIF);
            textView11.setText(" Job Id: " + c.getJobId2());
            linearLayout.addView(textView11);

            TextView textView12 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView12.setTextSize(16);
            textView12.setTextColor(Color.parseColor("#000000"));
            textView12.setTypeface(Typeface.SANS_SERIF);
            textView12.setText(" Job Type: " + c.getJobType2());
            linearLayout.addView(textView12);

            TextView textView13 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView13.setTextSize(16);
            textView13.setTextColor(Color.parseColor("#000000"));
            textView13.setTypeface(Typeface.SANS_SERIF);
            textView13.setText(" Student EmailId: " + c.getEmailId());
            linearLayout.addView(textView13);

            TextView textView14 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView14.setTextSize(16);
            textView14.setTextColor(Color.parseColor("#000000"));
            textView14.setTypeface(Typeface.SANS_SERIF);
            textView14.setText(" Student ContactNo: " + c.getContactNo());
            linearLayout.addView(textView14);

            TextView textView15 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView15.setTextSize(16);
            textView15.setTextColor(Color.parseColor("#000000"));
            textView15.setTypeface(Typeface.SANS_SERIF);
            textView15.setText(" Student Grade: " + c.getGrade());
            linearLayout.addView(textView15);

            TextView textView16 = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView16.setTextSize(16);
            textView16.setTextColor(Color.parseColor("#000000"));
            textView16.setTypeface(Typeface.SANS_SERIF);
            textView16.setText(" Student Skill: " + c.getSkill() + "\n");
            linearLayout.addView(textView16);

            RadioGroup rg = new RadioGroup(this);
            LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(ViewGroup.LayoutParams.MATCH_PARENT,
ViewGroup.LayoutParams.WRAP_CONTENT);
            params.setMargins(250, 0, 0, 0);
```

```java
            rg.setLayoutParams(params);
            String []array={"Select", "Reject"};
            rg.setOrientation(RadioGroup.HORIZONTAL);
            for(int j=0; j<2; j++){
                RadioButton rb  = new RadioButton(this);
                rb.setText(array[j]);
                rb.setId(j);
                rg.addView(rb);
                rb.setOnClickListener(new View.OnClickListener() {
                    @Override
                    public void onClick(View v) {
                        ((RadioGroup) v.getParent()).check(v.getId());
                        if(v.getId()==0){
                            helper.clearstatus2(c);
                            c.setQualified2(Boolean.TRUE);
                            Toast.makeText(getApplicationContext(), "Clicked
true", Toast.LENGTH_LONG).show();
                            helper.status2(c);
                                Intent intent = new
Intent(Intent.ACTION_SEND);
                                intent.putExtra(Intent.EXTRA_EMAIL,new
String[]{c.getEmailId()});
                                intent.setType("message/rfc822");
                                intent.putExtra(Intent.EXTRA_SUBJECT,
"Regarding Job Application");
                                intent.putExtra(Intent.EXTRA_TEXT , "Dear
student, \n\n Congratulations, you have been selected for the
"+c.getJobName2()+" position in the company " +name+" for the further
communication kindly upload the resume as soon as possible! \n\n Thank you.");
                                startActivity(Intent.createChooser(intent,
"Choose an email client"));

                        }
                        else{
                            helper.clearstatus2(c);
                            c.setQualified2(Boolean.FALSE);
                            Toast.makeText(getApplicationContext(), "Clicked
false", Toast.LENGTH_LONG).show();
                            helper.status2(c);
                        }
                    }
                });
            }
            linearLayout.addView(rg);

        }
    }

        for(int i=0; i<studentList.size();i++) {
```

```java
            StudentContact c = studentList.get(i);
            if (c.getCompanyEmail3() != null &&
c.getCompanyEmail3().equals(emailIdFromOtherClass)) {
                TextView textView1a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView1a.setTextSize(16);
                textView1a.setTextColor(Color.parseColor("#000000"));
                textView1a.setTypeface(Typeface.SANS_SERIF);
                textView1a.setText("Student Name: " + c.getName());
                linearLayout.addView(textView1a);

                TextView textView2a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView2a.setTextSize(16);
                textView2a.setTextColor(Color.parseColor("#000000"));
                textView2a.setTypeface(Typeface.SANS_SERIF);
                textView2a.setText("Job Name: " + c.getJobName3());
                linearLayout.addView(textView2a);

                TextView textView3a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView3a.setTextSize(16);
                textView3a.setTextColor(Color.parseColor("#000000"));
                textView3a.setTypeface(Typeface.SANS_SERIF);
                textView3a.setText("Job Id: " + c.getJobId3());
                linearLayout.addView(textView3a);

                TextView textView4a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView4a.setTextSize(16);
                textView4a.setTextColor(Color.parseColor("#000000"));
                textView4a.setTypeface(Typeface.SANS_SERIF);
                textView4a.setText("Job Type: " + c.getJobType3());
                linearLayout.addView(textView4a);

                TextView textView5a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView5a.setTextSize(16);
                textView5a.setTextColor(Color.parseColor("#000000"));
                textView5a.setTypeface(Typeface.SANS_SERIF);
                textView5a.setText("Student EmailId: " + c.getEmailId());
                linearLayout.addView(textView5a);

                TextView textView6a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView6a.setTextSize(16);
                textView6a.setTextColor(Color.parseColor("#000000"));
                textView6a.setTypeface(Typeface.SANS_SERIF);
                textView6a.setText("Student ContactNo: " + c.getContactNo());
```

```java
                linearLayout.addView(textView6a);

                TextView textView7a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView7a.setTextSize(16);
                textView7a.setTextColor(Color.parseColor("#000000"));
                textView7a.setTypeface(Typeface.SANS_SERIF);
                textView7a.setText("Student Grade: " + c.getGrade());
                linearLayout.addView(textView7a);

                TextView textView8a = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView8a.setTextSize(16);
                textView8a.setTextColor(Color.parseColor("#000000"));
                textView8a.setTypeface(Typeface.SANS_SERIF);
                textView8a.setText("Student Skill: " + c.getSkill() + "\n");
                linearLayout.addView(textView8a);

                RadioGroup rg = new RadioGroup(this);
                LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(ViewGroup.LayoutParams.MATCH_PARENT,
ViewGroup.LayoutParams.WRAP_CONTENT);
                params.setMargins(250, 0, 0, 0);
                rg.setLayoutParams(params);
                String []array={"Select", "Reject"};
                rg.setOrientation(RadioGroup.HORIZONTAL);
                for(int j=0; j<2; j++){
                    RadioButton rb  = new RadioButton(this);
                    rb.setText(array[j]);
                    rb.setId(j);
                    rg.addView(rb);
                    rb.setOnClickListener(new View.OnClickListener() {
                        @Override
                        public void onClick(View v) {
                            ((RadioGroup) v.getParent()).check(v.getId());
                            if(v.getId()==0){
                                helper.clearstatus3(c);
                                c.setQualified3(true);
                                Toast.makeText(getApplicationContext(),
"Clicked true", Toast.LENGTH_LONG).show();
                                helper.status3(c);
                                Intent intent = new Intent(Intent.ACTION_SEND);
                                intent.putExtra(Intent.EXTRA_EMAIL,new
String[]{c.getEmailId()});
                                intent.setType("message/rfc822");
                                intent.putExtra(Intent.EXTRA_SUBJECT,
"Regarding Job Application");
                                intent.putExtra(Intent.EXTRA_TEXT , "Dear
student, \n\n Congratulations, you have been selected for the
```

```java
"+c.getJobName3()+" position in the company " +name+" for the further
communication kindly upload the resume as soon as possible! \n\n Thank you.");
                                startActivity(Intent.createChooser(intent,
"Choose an email client"));
                            }
                            else{
                                helper.clearstatus3(c);
                                c.setQualified3(false);
                                Toast.makeText(getApplicationContext(),
"Clicked false", Toast.LENGTH_LONG).show();
                                helper.status3(c);
                            }
                        }
                    });
                }
                linearLayout.addView(rg);


            }
        }

        for(int i=0; i<studentList.size();i++) {
            StudentContact c = studentList.get(i);
            if (c.getCompanyEmail4() != null &&
c.getCompanyEmail4().equals(emailIdFromOtherClass)) {
                TextView textView1b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView1b.setTextSize(16);
                textView1b.setTextColor(Color.parseColor("#000000"));
                textView1b.setTypeface(Typeface.SANS_SERIF);
                textView1b.setText("Student Name: " + c.getName());
                linearLayout.addView(textView1b);

                TextView textView2b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView2b.setTextSize(16);
                textView2b.setTextColor(Color.parseColor("#000000"));
                textView2b.setTypeface(Typeface.SANS_SERIF);
                textView2b.setText("Job Name: " + c.getJobName4());
                linearLayout.addView(textView2b);

                TextView textView3b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
                textView3b.setTextSize(16);
                textView3b.setTextColor(Color.parseColor("#000000"));
                textView3b.setTypeface(Typeface.SANS_SERIF);
                textView3b.setText("Job Id: " + c.getJobId4());
                linearLayout.addView(textView3b);
```

```java
            TextView textView4b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView4b.setTextSize(16);
            textView4b.setTextColor(Color.parseColor("#000000"));
            textView4b.setTypeface(Typeface.SANS_SERIF);
            textView4b.setText("Job Type: " + c.getJobType4());
            linearLayout.addView(textView4b);

            TextView textView5b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView5b.setTextSize(16);
            textView5b.setTextColor(Color.parseColor("#000000"));
            textView5b.setTypeface(Typeface.SANS_SERIF);
            textView5b.setText("Student EmailId: " + c.getEmailId());
            linearLayout.addView(textView5b);

            TextView textView6b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView6b.setTextSize(16);
            textView6b.setTextColor(Color.parseColor("#000000"));
            textView6b.setTypeface(Typeface.SANS_SERIF);
            textView6b.setText("Student ContactNo: " + c.getContactNo());
            linearLayout.addView(textView6b);

            TextView textView7b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView7b.setTextSize(16);
            textView7b.setTextColor(Color.parseColor("#000000"));
            textView7b.setTypeface(Typeface.SANS_SERIF);
            textView7b.setText("Student Grade: " + c.getGrade());
            linearLayout.addView(textView7b);

            TextView textView8b = new
TextView(ViewStudentApplicationCompanyNavBar.this);
            textView8b.setTextSize(16);
            textView8b.setTextColor(Color.parseColor("#000000"));
            textView8b.setTypeface(Typeface.SANS_SERIF);
            textView8b.setText("Student Skill: " + c.getSkill() + "\n");
            linearLayout.addView(textView8b);

            RadioGroup rg = new RadioGroup(this);
            LinearLayout.LayoutParams params = new
LinearLayout.LayoutParams(ViewGroup.LayoutParams.MATCH_PARENT,
ViewGroup.LayoutParams.WRAP_CONTENT);
            params.setMargins(250, 0, 0, 0);
            rg.setLayoutParams(params);
            String []array={"Select", "Reject"};
            rg.setOrientation(RadioGroup.HORIZONTAL);
            for(int j=0; j<2; j++){
```

```java
                    RadioButton rb  = new RadioButton(this);
                    rb.setText(array[j]);
                    rb.setId(j);
                    rg.addView(rb);
                    rb.setOnClickListener(new View.OnClickListener() {
                        @Override
                        public void onClick(View v) {
                            ((RadioGroup) v.getParent()).check(v.getId());
                            if(v.getId()==0){
                                helper.clearstatus4(c);
                                c.setQualified4(Boolean.TRUE);
                                Toast.makeText(getApplicationContext(),
"Clicked true", Toast.LENGTH_LONG).show();
                                helper.status4(c);
                                Intent intent = new Intent(Intent.ACTION_SEND);
                                intent.putExtra(Intent.EXTRA_EMAIL,new
String[]{c.getEmailId()});
                                intent.setType("message/rfc822");
                                intent.putExtra(Intent.EXTRA_SUBJECT,
"Regarding Job Application");
                                intent.putExtra(Intent.EXTRA_TEXT , "Dear
student, \n\n Congratulations, you have been selected for the
"+c.getJobName4()+" position in the company " +name+" for the further
communication kindly upload the resume as soon as possible! \n\n Thank you.");
                                startActivity(Intent.createChooser(intent,
"Choose an email client"));

                            }
                            else{
                                helper.clearstatus4(c);
                                c.setQualified4(Boolean.FALSE);
                                Toast.makeText(getApplicationContext(),
"Clicked false", Toast.LENGTH_LONG).show();
                                helper.status4(c);
                            }
                        }
                    });
                }
                linearLayout.addView(rg);

            }

        }


        Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
```

```java
        ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
                this, drawer, toolbar, R.string.navigation_drawer_open,
R.string.navigation_drawer_close);
        drawer.addDrawerListener(toggle);
        toggle.syncState();

        NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
        navigationView.setNavigationItemSelectedListener(this);
        View header=navigationView.getHeaderView(0);
        TextView Name = (TextView)header.findViewById(R.id.Photoname);
        Name.setText(name);
        TextView email = (TextView)header.findViewById(R.id.Photomail);
        email.setText(emailIdFromOtherClass);
    }

    @Override
    public void onBackPressed() {
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        if (drawer.isDrawerOpen(GravityCompat.START)) {
            drawer.closeDrawer(GravityCompat.START);
        } else {
            super.onBackPressed();
        }
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
present.

getMenuInflater().inflate(R.menu.view_student_application_company_nav_bar,
menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
//          mAuth.signOut();
            startActivity(new Intent(getApplicationContext(),
loginCompany.class));
            finish();
```

```java
                return true;
            }
            else if(id==R.id.help)
            {
                startActivity(new
Intent(getApplicationContext(),companyHelp.class));
                return true;
            }
            return super.onOptionsItemSelected(item);
        }

    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();

        if (id == R.id.company_home )
        {
//          startActivity(new
Intent(getApplicationContext(),CompanyNavBar.class));
            Intent i = new Intent(getApplicationContext(),CompanyNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);

            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            // Handle the camera action
//          startActivity(new
Intent(getApplicationContext(),PostJobs.class));
            Intent i = new Intent(getApplicationContext(),PostJobs.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);

            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_viewjobs) {
            // startActivity(new
Intent(getApplicationContext(),PostJobs.class));
            //finish();
            Intent i = new
Intent(getApplicationContext(),CompanyView_Posted_Jobs.class);
```

```java
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
            // Handle the camera action
        }
        else if (id == R.id.nav_gallery) {
//          startActivity(new
Intent(getApplicationContext(),ViewStudentApplicationCompanyNavBar.class));
            Intent i = new
Intent(getApplicationContext(),ViewStudentApplicationCompanyNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);

            drawer.closeDrawer(GravityCompat.START);
            return true;
        } /*else if (id == R.id.nav_slideshow) {
            startActivity(new
Intent(getApplicationContext(),SearchJobsNavBar.class));
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }*/ else if (id == R.id.nav_manage) {
            //startActivity(new
Intent(getApplicationContext(),CompanyUpdateDetailsNavBar.class));
            Intent i = new
Intent(getApplicationContext(),CompanyUpdateDetailsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);

            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_password) {
            //startActivity(new
Intent(getApplicationContext(),CompanyChangePasswordNavBar.class));
            Intent i = new
Intent(getApplicationContext(),CompanyChangePasswordNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        drawer.closeDrawer(GravityCompat.START);
        return true;
    }
}
```

# View Job Status by student

```java
package com.aashika.software;

import android.content.Intent;
import android.graphics.Color;
import android.graphics.Typeface;
import android.os.Bundle;

import androidx.appcompat.app.ActionBarDrawerToggle;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.Toolbar;
import androidx.core.view.GravityCompat;
import androidx.drawerlayout.widget.DrawerLayout;

import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.android.material.navigation.NavigationView;
import com.google.android.material.snackbar.Snackbar;

import android.view.Gravity;
import android.view.View;
import android.view.Menu;
import android.view.MenuItem;
import android.widget.LinearLayout;
import android.widget.ScrollView;
import android.widget.TextView;

import java.util.ArrayList;
import java.util.List;

public class ViewJobStatusNavBar extends AppCompatActivity
        implements NavigationView.OnNavigationItemSelectedListener {

    //private FirebaseAuth mAuth;
    private String emailIdFromOtherClass;
    private String name;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_view_job_status_nav_bar);
        emailIdFromOtherClass = getIntent().getExtras().getString("EmailId");
        name= getIntent().getExtras().getString("Name");

        ScrollView mscrollView = (ScrollView)
findViewById(R.id.view_job_status_scroll_id);
```

```java
        LinearLayout linearLayout = (LinearLayout)
findViewById(R.id.view_job_status_layout_id);

        DatabaseHelper helper = new DatabaseHelper(ViewJobStatusNavBar.this);
        List<StudentContact> studentList = helper.getAllStudent();
        TextView textView0 = new TextView(ViewJobStatusNavBar.this);
        textView0.setTextSize(20);
        textView0.setText(" * * * * * * Status of Applied Jobs * * * * * *
\n");
        textView0.setTextColor(Color.parseColor("#303F9F"));
        textView0.setTypeface(Typeface.SANS_SERIF, Typeface.BOLD);
        textView0.setGravity(Gravity.CENTER);
        linearLayout.addView(textView0);
        for (int i = 0; i < studentList.size(); i++) {
            StudentContact c = studentList.get(i);
            if (c.getEmailId().equals(emailIdFromOtherClass)) {
                if(c.getJobId1()!=null) {
                    TextView textView1 = new
TextView(ViewJobStatusNavBar.this);
                    textView1.setTextSize(16);
                    textView1.setText(" Company Name: " + c.getCompanyName1());
                    textView1.setTextColor(Color.parseColor("#000000"));
                    textView1.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView1);

                    TextView textView2 = new
TextView(ViewJobStatusNavBar.this);
                    textView2.setTextSize(16);
                    textView2.setText(" Job Name: " + c.getJobName1());
                    textView2.setTextColor(Color.parseColor("#000000"));
                    textView2.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView2);

                    TextView textView3 = new
TextView(ViewJobStatusNavBar.this);
                    textView3.setTextSize(16);
                    textView3.setTextColor(Color.parseColor("#000000"));
                    textView3.setTypeface(Typeface.SANS_SERIF);
                    textView3.setText(" Job Id: " + c.getJobId1());
                    linearLayout.addView(textView3);

                    TextView textView4 = new
TextView(ViewJobStatusNavBar.this);
                    textView4.setTextSize(16);
                    textView4.setTextColor(Color.parseColor("#000000"));
                    textView4.setTypeface(Typeface.SANS_SERIF);
                    textView4.setText(" Job Type: " + c.getJobType1());
                    linearLayout.addView(textView4);
```

```java
                    TextView textViewh = new
TextView(ViewJobStatusNavBar.this);
                    textViewh.setTextSize(16);
                    textViewh.setTextColor(Color.parseColor("#000000"));
                    textViewh.setTypeface(Typeface.SANS_SERIF);
                    textViewh.setText(" Job Status:
Applied"+"\n-----------------------------------------------------------\n");
                    linearLayout.addView(textViewh);

                    if (c.getQualified1()==true) {
                        textViewh.setText(" Job Status:
Selected"+"\n-----------------------------------------------------------\n")
;
                    }
                    else if(c.getQualified1()==false){
                        textViewh.setText(" Job Status:
Rejected"+"\n-----------------------------------------------------------\n")
;


                    }
                }


                if(c.getJobId2()!=null) {
                    TextView textView1 = new
TextView(ViewJobStatusNavBar.this);
                    textView1.setTextSize(16);
                    textView1.setText(" Company Name: " + c.getCompanyName2());
                    textView1.setTextColor(Color.parseColor("#000000"));
                    textView1.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView1);

                    TextView textView2 = new
TextView(ViewJobStatusNavBar.this);
                    textView2.setTextSize(16);
                    textView2.setText(" Job Name: " + c.getJobName2());
                    textView2.setTextColor(Color.parseColor("#000000"));
                    textView2.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView2);

                    TextView textView3 = new
TextView(ViewJobStatusNavBar.this);
                    textView3.setTextSize(16);
                    textView3.setTextColor(Color.parseColor("#000000"));
                    textView3.setTypeface(Typeface.SANS_SERIF);
                    textView3.setText(" Job Id: " + c.getJobId2());
                    linearLayout.addView(textView3);
```

```java
                    TextView textView4 = new
TextView(ViewJobStatusNavBar.this);
                    textView4.setTextSize(16);
                    textView4.setTextColor(Color.parseColor("#000000"));
                    textView4.setTypeface(Typeface.SANS_SERIF);
                    textView4.setText(" Job Type: " + c.getJobType2());
linearLayout.addView(textView4);


                    TextView textViewh = new
TextView(ViewJobStatusNavBar.this);
                    textViewh.setTextSize(16);
                    textViewh.setTextColor(Color.parseColor("#000000"));
                    textViewh.setTypeface(Typeface.SANS_SERIF);
                    textViewh.setText(" Job Status:
Applied"+"\n---------------------------------------------------------\n");
                    linearLayout.addView(textViewh);

                    if (c.getQualified2()==true) {
                        textViewh.setText(" Job Status:
Selected"+"\n---------------------------------------------------------\n")
;
                    }
                    else if(c.getQualified2()==false){
                        textViewh.setText(" Job Status:
Rejected"+"\n---------------------------------------------------------\n")
;

                    }
                }


                if(c.getJobId3()!=null) {
                    TextView textView1 = new
TextView(ViewJobStatusNavBar.this);
                    textView1.setTextSize(16);
                    textView1.setText(" Company Name: " + c.getCompanyName3());
                    textView1.setTextColor(Color.parseColor("#000000"));
                    textView1.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView1);

                    TextView textView2 = new
TextView(ViewJobStatusNavBar.this);
                    textView2.setTextSize(16);
                    textView2.setText(" Job Name: " + c.getJobName3());
                    textView2.setTextColor(Color.parseColor("#000000"));
                    textView2.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView2);
```

```java
                    TextView textView3 = new
TextView(ViewJobStatusNavBar.this);
                    textView3.setTextSize(16);
                    textView3.setTextColor(Color.parseColor("#000000"));
                    textView3.setTypeface(Typeface.SANS_SERIF);
                    textView3.setText(" Job Id: " + c.getJobId3());
                    linearLayout.addView(textView3);

                    TextView textView4 = new
TextView(ViewJobStatusNavBar.this);
                    textView4.setTextSize(16);
                    textView4.setTextColor(Color.parseColor("#000000"));
                    textView4.setTypeface(Typeface.SANS_SERIF);
                    textView4.setText(" Job Type: " + c.getJobType3());
                    linearLayout.addView(textView4);

                    if (c.getQualified3() == Boolean.TRUE) {
                        TextView textView5 = new
TextView(ViewJobStatusNavBar.this);
                        textView5.setTextSize(16);
                        textView5.setTextColor(Color.parseColor("#000000"));
                        textView5.setTypeface(Typeface.SANS_SERIF);
                        textView5.setText(" Job Status:
Selected"+"\n-----------------------------------------------------------\n")
;
                        linearLayout.addView(textView5);
                    } else if(c.getQualified3() == Boolean.FALSE) {
                        TextView textView5 = new
TextView(ViewJobStatusNavBar.this);
                        textView5.setTextSize(16);
                        textView5.setTextColor(Color.parseColor("#000000"));
                        textView5.setTypeface(Typeface.SANS_SERIF);
                        textView5.setText(" Job Status:
Hired"+"\n-----------------------------------------------------------\n");
                        linearLayout.addView(textView5);
                    }
                }

                if(c.getJobId4()!=null) {
                    TextView textView1 = new
TextView(ViewJobStatusNavBar.this);
                    textView1.setTextSize(16);
                    textView1.setText(" Company Name: " + c.getCompanyName4());
                    textView1.setTextColor(Color.parseColor("#000000"));
                    textView1.setTypeface(Typeface.SANS_SERIF);
                    linearLayout.addView(textView1);

                    TextView textView2 = new
TextView(ViewJobStatusNavBar.this);
```

```java
                textView2.setTextSize(16);
                textView2.setText(" Job Name: " + c.getJobName4());
                textView2.setTextColor(Color.parseColor("#000000"));
                textView2.setTypeface(Typeface.SANS_SERIF);
                linearLayout.addView(textView2);

                TextView textView3 = new
TextView(ViewJobStatusNavBar.this);
                textView3.setTextSize(16);
                textView3.setTextColor(Color.parseColor("#000000"));
                textView3.setTypeface(Typeface.SANS_SERIF);
                textView3.setText(" Job Id: " + c.getJobId4());
                linearLayout.addView(textView3);

                TextView textView4 = new
TextView(ViewJobStatusNavBar.this);
                textView4.setTextSize(16);
                textView4.setTextColor(Color.parseColor("#000000"));
                textView4.setTypeface(Typeface.SANS_SERIF);
                textView4.setText(" Job Type: " + c.getJobType4());
                linearLayout.addView(textView4);

                if (c.getQualified4() == Boolean.TRUE) {
                    TextView textView5 = new
TextView(ViewJobStatusNavBar.this);
                    textView5.setTextSize(16);
                    textView5.setTextColor(Color.parseColor("#000000"));
                    textView5.setTypeface(Typeface.SANS_SERIF);
                    textView5.setText(" Job Status:
Selected"+"\n----------------------------------------------------------\n")
;
                    linearLayout.addView(textView5);
                } else if(c.getQualified4() == Boolean.FALSE) {
                    TextView textView5 = new
TextView(ViewJobStatusNavBar.this);
                    textView5.setTextSize(16);
                    textView5.setTextColor(Color.parseColor("#000000"));
                    textView5.setTypeface(Typeface.SANS_SERIF);
                    textView5.setText(" Job Status:
Hired"+"\n----------------------------------------------------------\n");
                    linearLayout.addView(textView5);
                }
            }
        }
        }

    Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
    setSupportActionBar(toolbar);
```

```java
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(
                this, drawer, toolbar, R.string.navigation_drawer_open,
R.string.navigation_drawer_close);
        drawer.addDrawerListener(toggle);
        toggle.syncState();

        NavigationView navigationView = (NavigationView)
findViewById(R.id.nav_view);
        navigationView.setNavigationItemSelectedListener(this);
        View header=navigationView.getHeaderView(0);
        TextView Name = (TextView)header.findViewById(R.id.Photoname);
        Name.setText(name);
        TextView email = (TextView)header.findViewById(R.id.Photomail);
        email.setText(emailIdFromOtherClass);
    }

    @Override
    public void onBackPressed() {
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        if (drawer.isDrawerOpen(GravityCompat.START)) {
            drawer.closeDrawer(GravityCompat.START);
        } else {
            super.onBackPressed();
        }
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is
present.
        getMenuInflater().inflate(R.menu.view_job_status_nav_bar, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();

        //noinspection SimplifiableIfStatement
        if (id == R.id.logout) {
            //mAuth.signOut();
            startActivity(new Intent(ViewJobStatusNavBar.this, login.class));
            finish();
            return true;
```

```java
        }

        else if(id==R.id.help)
        {
            startActivity(new
Intent(getApplicationContext(),studentHelp.class));
            return true;
        }

        return super.onOptionsItemSelected(item);
    }

    @SuppressWarnings("StatementWithEmptyBody")
    @Override
    public boolean onNavigationItemSelected(MenuItem item) {
        // Handle navigation view item clicks here.
        DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
        int id = item.getItemId();

        if (id == R.id.student_home )
        {
            /*startActivity(new
Intent(getApplicationContext(),NavBarActivity.class));*/
            Intent i = new
Intent(ViewJobStatusNavBar.this,NavBarActivity.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }
        else if (id == R.id.nav_camera) {
            // Handle the camera action
            /*startActivity(new
Intent(ViewJobStatusNavBar.this,ApplyForJobsNavBar.class));*/
            Intent i = new
Intent(ViewJobStatusNavBar.this,ApplyForJobsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            //finish();
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_gallery) {
            /*startActivity(new
Intent(ViewJobStatusNavBar.this,ViewJobStatusNavBar.class));*/
            Intent i = new
Intent(ViewJobStatusNavBar.this,ViewJobStatusNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
```

```java
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_slideshow) {
            /*startActivity(new
Intent(ViewJobStatusNavBar.this,SearchJobsNavBar.class));*/
            Intent i = new
Intent(ViewJobStatusNavBar.this,SearchJobsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_manage) {
            /*startActivity(new
Intent(ViewJobStatusNavBar.this,UpdateDetailsNavBar.class));*/
            Intent i = new
Intent(ViewJobStatusNavBar.this,UpdateDetailsNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        } else if (id == R.id.nav_password) {
            /*startActivity(new
Intent(ViewJobStatusNavBar.this,ChangePasswordNavBar.class));*/
            Intent i = new
Intent(ViewJobStatusNavBar.this,ChangePasswordNavBar.class);
            i.putExtra("EmailId",emailIdFromOtherClass);
            i.putExtra("Name",name);
            startActivity(i);
            drawer.closeDrawer(GravityCompat.START);
            return true;
        }

        drawer.closeDrawer(GravityCompat.START);
        return true;
    }
}
```
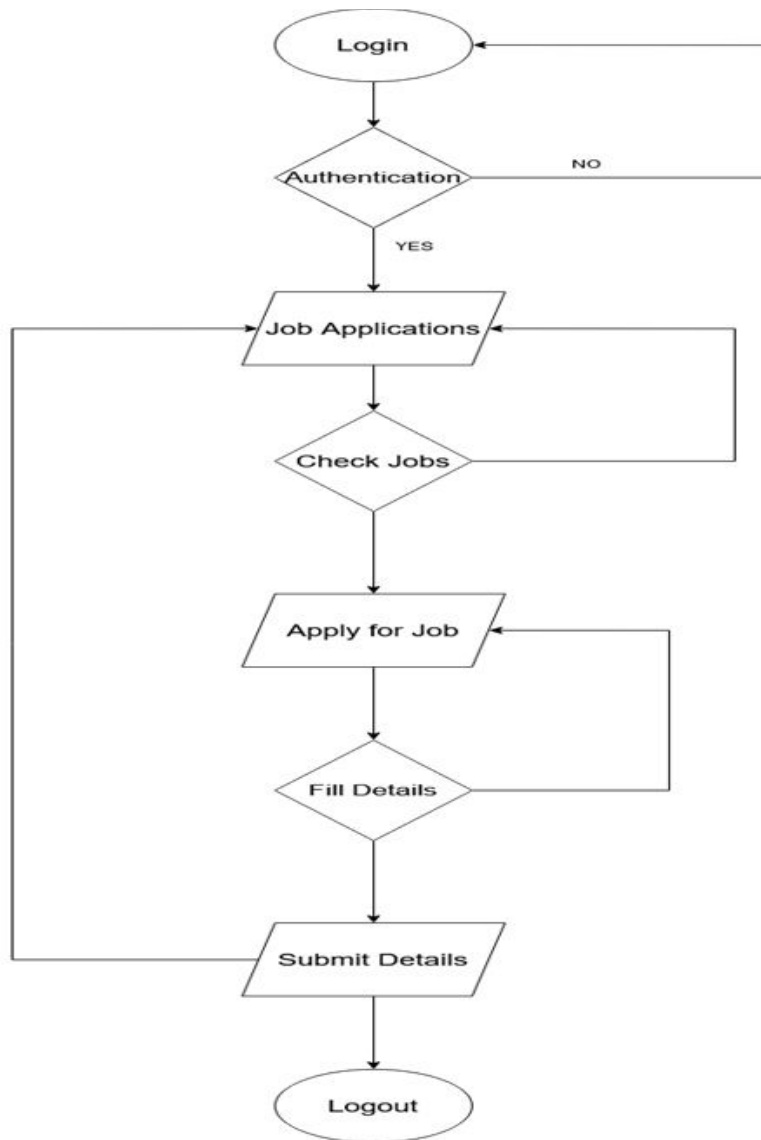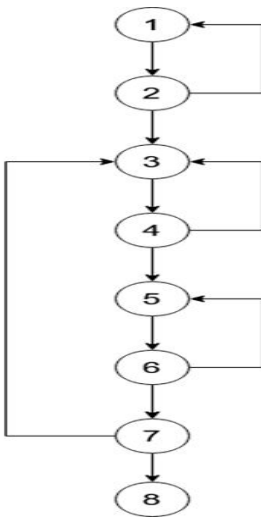
# Testing – White box

**FLOW CHART:**

Applying for Jobs Function

## FLOW GRAPH:



## Cyclomatic Complexity:

E = number of edges in the flow graph. = 11

N = number of nodes in the flow graph. = 8

Cyclomatic Complexity = V(G)=E – N + 2

V(G) = 11 – 8 + 2 = 5

V(G) = P + 1 = 5

So, P = 4.

## Test Cases:

# Project Estimation (LOC and COCOMO)

## LOC Method

| Function | LOC (Lines of Code) |
|----------|---------------------|
| Student UI | 1492 |
| Company UI | 1268 |
| Admin UI | 2311 |
| Database | 984 |
| Graphics | 194 |

Estimated LOC = 6269 LOC

Burdened Labour rate = 30,000 rupees per month

Average productivity of system = 1,600 LOC/PM

Cost per line of code = 30,000/1,600     = 18.75 rupees

Total estimated project cost = 6269 * 1875     = 1,17,543 rupees

Estimated effort (person)   = 3.19 = 4 people in a month

## Basic COCOMO

Estimated KLOC = 6.269 KLOC

Comes under **Organic Mode**

Coefficients = $a_b$, $b_b$, $c_b$, $d_d$

$a_b$ = 2.4, $b_b$ = 1.05, $c_b$ = 2.5, $d_d$ = 0.38

Effort (E)          $= a_b(KLOC)^{b_b}$ = 2.4*(6.269)$^{1.05}$ = 16.49
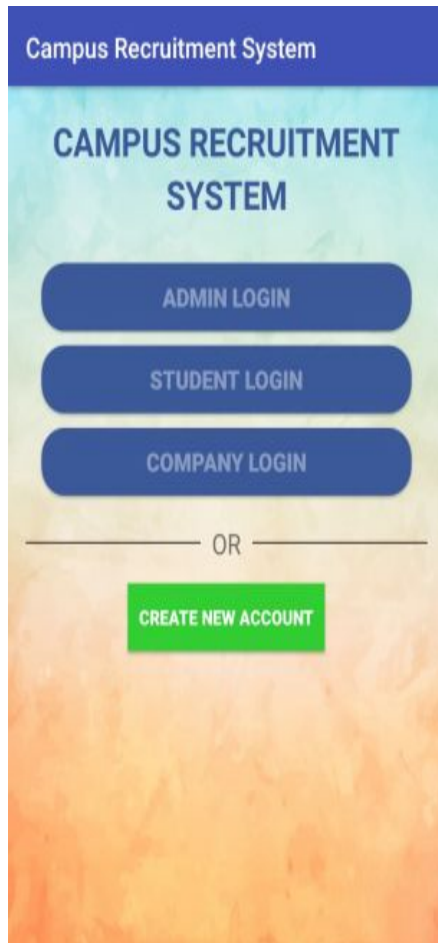
Deployment time (D) = $c_b(E)^{d_d}$       = 2.5*(16.49)$^{1.38}$ = 7.25

Staff size (SS)     = E/D        = 16.49/7.25       = 2.27 ( 2 persons)

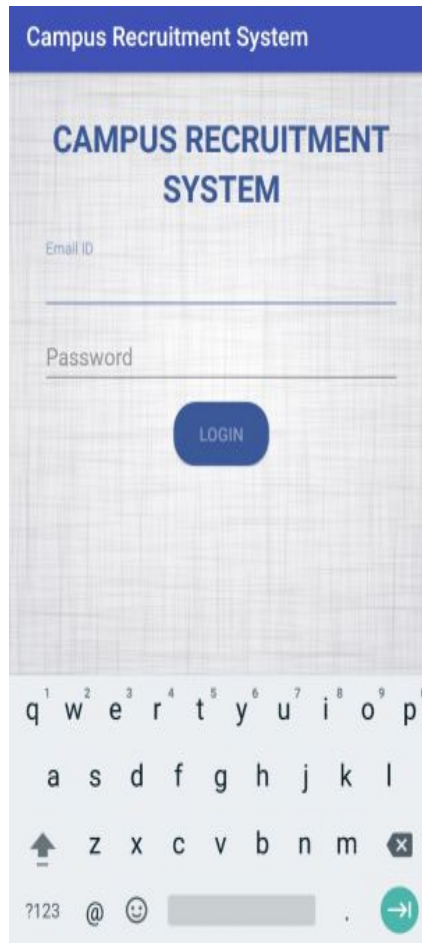Productivity (P)     = KLOC/E     = 6.269/16.49     = 0.38

# Results

| Main Page | Login Page | Register Page |
| --- | --- | --- |

# Admin

## AdminNavBarActivity

* * * * * * * * * * My Information * * * * * * * * * * *

Admin Id: 1

Admin Name: Maddineni Aashika

Email Id: aashikamaddineni@gmail.com

Contact No: 9189181999

Address: address

## AdminUpdateDetails

### Admin Information

Full Name
Maddineni Aashika

Admin ID
1

Email ID
aashikamaddineni@gmail.com

Contact No.
9189181999

Address
address

○ Male   ○ Female

UPDATE PROFILE

## ManageCompany

* * * * * * * * Company Index No: 1 * * * * * * * *

Company Name: Infotech
Company UserName: infotech
Company Id: 101
Company EmailId: infotech@gmail.com
Company ContactNo: 9181918991
Company Address: Guntur
Company Rank: 1
====================================

**Jobs Posted**

Company JobName:SDE - 1
Company JobId: 1001
Company JobType: Full Time
Company JobSalary: 20000
-------------------------------------------

Company JobName: Mobile app development
Company JobId: 1002
Company JobType: Internship
Company JobSalary: 1000
-------------------------------------------

Company JobName: SDE - 2
Company JobId: 1004
Company JobType: Full - Type
Company JobSalary: 20000
-------------------------------------------

## ManageStudentActivity

10:41

* * * * * * Student Index No: 1 * * * * * * *

Student Name: N Apuroopa
Student UserName: apuroopa
Student Id: 101
Student EmailId: apuroopa@gmail.com
Student ContactNo: 9121910102
Student Address: hello
Student SSC Marks: 100
Student HSC Marks: 100
Student Grade: 9.62
Student Skills: C, C++, Java, Android

* * * * * * * * * Applied Jobs * * * * * * * * *

Student CompanyName: Infotech
Student CompanyEmail: infotech@gmail.com
Student JobName: SDE - 1
Student JobId: 1001
Student JobType: Full Time
-------------------------------------------

UPDATE       DELETE

* * * * * * Student Index No: 2 * * * * * * *

## AdminChange

Log Out

Help

Old Password

New Password

Confirm Password

SUBMIT

# Student





**NavBarActivity**

* * * * * * * * * * My Information * * * * * * * * * *

Full Name: N vasudha
UserName: vasudha
User Id: 102
Email Id: vasudha@gmail.com
Contact No: 820121082
Address: Vijayawada, A.P
HSC: 100
SSC: 100

**SearchJobsNavBar**

* * * * * * * * * * * * Jobs Posted * * * * * * * * * *

Job Title: SDE - 1
Company Name: Infotech
Job Id: 1001
Job Type: Full Time
Salary: 20000

APPLY

Job Title: Mobile app development
Company Name: Infotech
Job Id: 1002
Job Type: Internship
Salary: 1000

APPLY

Job Title: SDE - 2
Company Name: Infotech
Job Id: 1004
Job Type: Full - Type
Salary: 20000

APPLY

**ApplyForJobsNavBar**

Applying for job's name

Student's Name
N vasudha

Student's Email ID
vasudha@gmail.com

Student's Contact No.
820121082

Student's Grade
8.62

Student's Skill
C, java

Student's Address
hello

Company Name

Company Emial ID

Job Title

Job ID

**ViewJobStatusNavBar**

* * * * * * Status of Applied Jobs * * * * * *

Company Name: Infotech
Job Name: SDE - 1
Job Id: 1001
Job Type: Full Time
Job Status: Rejected

**UpdateDetailsNavBar**

Student Information

Name
N vasudha

Username
vasudha

User ID
102

Email ID
vasudha@gmail.com

Contact No.
820121082

Address
hello

100                               2010

100                               2010

○ Male  ○ Female

CSE

UPDATE PROFILE

# Company

**CompanyViewPostedJobs**

**Jobs Posted**

Company JobName:SDE - 1
Company JobId: 1001
Company JobType: Full Time
Company JobSalary: 20000
_____

**UPDATE**　　**DELETE**

Company JobName: Mobile app development
Company JobId: 1002
Company JobType: Internship
Company JobSalary: 1000
_____

**UPDATE**　　**DELETE**

Company JobName: SDE - 2
Company JobId: 1004
Company JobType: Full - Type
Company JobSalary: 20000
_____

**UPDATE**　　**DELETE**

Company JobName: SDE -3

---

**ViewStudentApplicationCom...**

**\* \* \* \* \* \* \* \* Applications \* \* \* \* \* \* \* \***

Student Name: N Apuroopa
Job Name: SDE - 1
Job Id: 1001
Job Type: Full Time
Student EmailId: apuroopa@gmail.com
Student ContactNo: 9121910102
Student Grade: 9.62
Student Skill: C, C++, Java, Android

◯ Select ◯ Reject

Student Name: N vasudha
Job Name: SDE - 1
Job Id: 1001
Job Type: Full Time
Student EmailId: vasudha@gmail.com
Student ContactNo: 820121082
Student Grade: 8.62
Student Skill: C, java

◯ Select ◯ Reject

---

**CompanyUpdateDetailsNav...**

**Company Information**

Company Name
Infotech
_____

Company ID
101
_____

Rank
1
_____

Email ID
infotech@gmail.com
_____

Contact No
9181918991
_____

Address
Guntur
_____

**UPDATE PROFILE**

---

**CompanyCha...**

Old Password
_____

| Log Out |
| Help |

New Password
_____

Confirm Password
_____

**SUBMIT**

# Conclusion and  Future Enhancement

We made an app which will make the recruitment process easier for companies, students and for college. This application is user friendly and one can use it without any prior knowledge. This app will help students to remember their application details and applied jobs. For future enhancement we can add a task reminder for students in order to remind them of the interviews. OTP verification is not included right now , we can include it for verifying the details and to reset the password. For Students Uploading photographs, resumes can be done. For Companies and Admins we can include the logos.

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