

## **Campus Selection Procedure Android App Project**

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**ABSTRACT:**This project is intended to create a web application for university training majors. A system is a web application that, if properly launched, can be accessed throughout the organization and beyond. This system can be used as a university degree application (implementation supervisor) to handle student training information Participants must be able to submit their CV. Visitors/company representatives and students can find/search all information submitted.

### **MOTIVATION**

The main goal is to identify talented and talented students before graduating. Provide employment opportunities for students who are studying or in the final stages of the course. This process reduces network time to select candidates based on their needs.

### **PROBLEM DEFINITION**

This project is specifically designed to facilitate student selection. This allows administrators to see the number of students and companies enrolled. Students can submit company reports and information.

### **SCOPE OF PROJECT**

This system creates activities that are related to the selection process, which must be done by the HR department before and after the election of the appropriate student. This system helps in many ways, for example by sharing time and money to select students and companies. This concept group works to create a communication system between students and companies, and companies can find students who meet their needs

### **USER CLASSES AND CHARACTERISTICS**

Students and companies are listed here. This helps all learn student information and limitations from the company. The process works only after a specific user has registered and logged in.

## **EXISTING SYSTEM**

The Campus Selection Process is now a web application that, when implemented regularly, is available in all organizations and beyond. This system can be used as a program to manage student information in university administration practices. Students who register must be able to submit their CV information. Visitors/company representatives and students can find/search on all information submitted

## **PROPOSED SYSTEM**

In advanced systems, users can see the state of weakness in the company and the state of students. If necessary, you can consult with the manager. That way, people can be useful, especially when they need it.

## **MODULES**

### **Module I: Student**

- This module contains details about students like name, id, email, skill details etc.
- Students can upload their CV's.
- They can update their personal details, skill details and CV

### **Module II: Company Details**

- A company can register itself.
- Here company releasing the primary skills, experience, and no. Of vacancies, opening date and closing date.
- There will be a list of company details visiting, last visited, eligibility details and mode of exams.
- There will placement record details of all the batches.

### **Module III: Job Search**

- This module allows us to search for the jobs based on the registered companies in this system.

### **Module IV: Administrator**

- The administrator module having all the privileges about this entire project.

- He can delete, and modify the details about student, company etc.

### **Module V: Reports**

- Generate reports as per requirement.

#### **Students**

- This module contains student names, tags, emails, art notes, and more.
- Students can submit drafts.
- They can update personal information, knowledge, and activation

#### **Business Information**

- Storage can be saved.
- Here the company provides basic skills, experience, and experience. Offers, opening days, and closing days.
- The list will be displayed with information about the company you are looking for, your recent trip, participation opportunities, and how to try it.
- Location information for all items stored here.

#### **Job Search**

- With the help of this module we can search for limitations based on the data stored in this system.

#### **Management**

- Management module and all project permissions.
- Students, companies, etc. can delete and edit data.

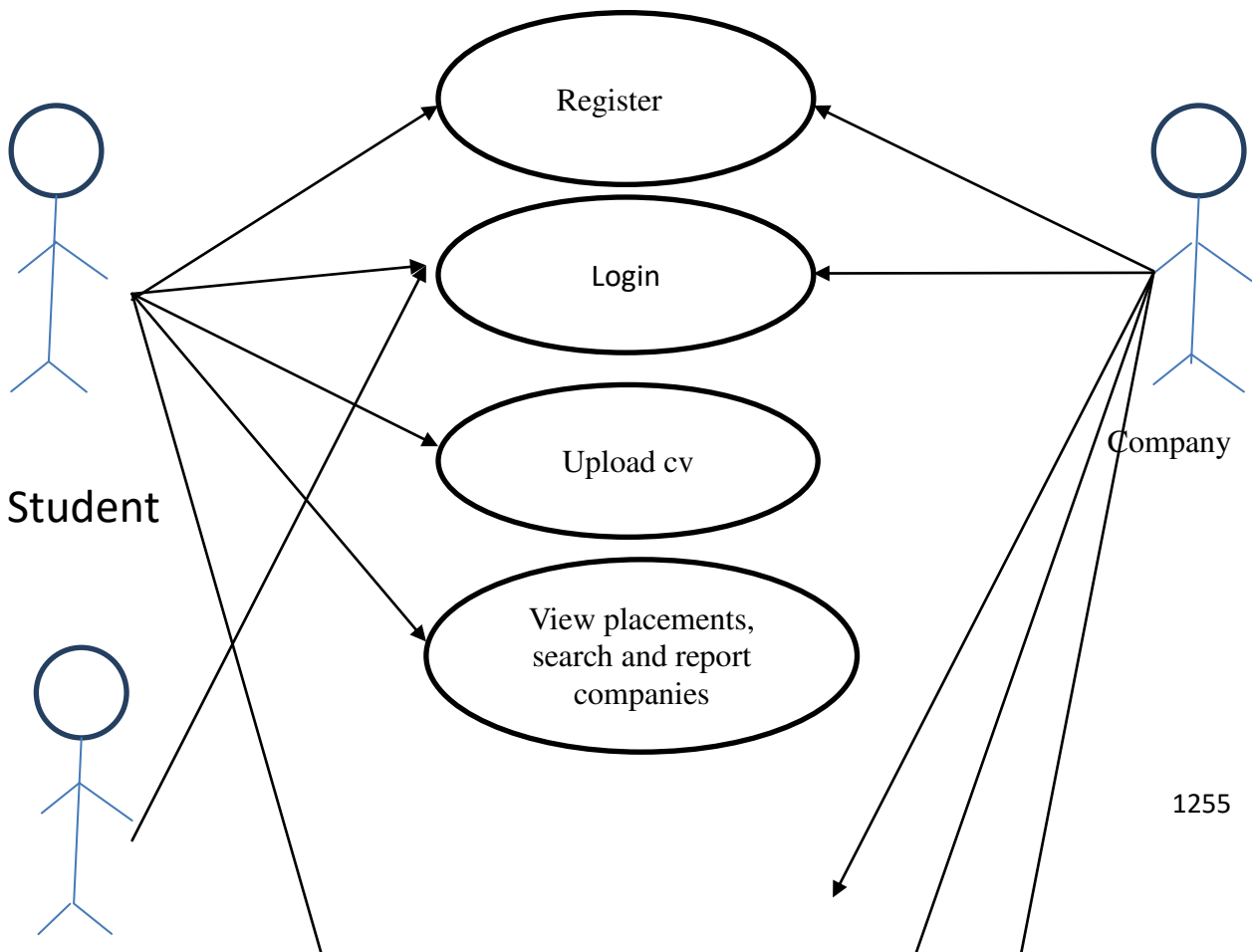
### ARCHITECTURE DIAGRAM

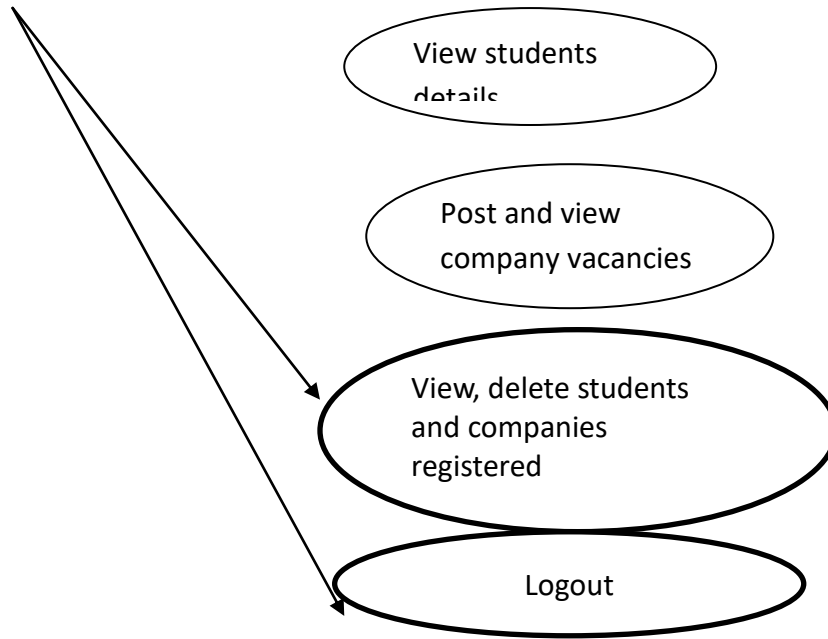
Architecture diagram is a [diagram](#) of a [system](#), in which the principal parts or functions are represented by blocks connected by lines that show the relationships of the blocks. The block diagram is typically used for a higher level, less detailed description aimed more at understanding the overall concepts and less at understanding the details of implementation.



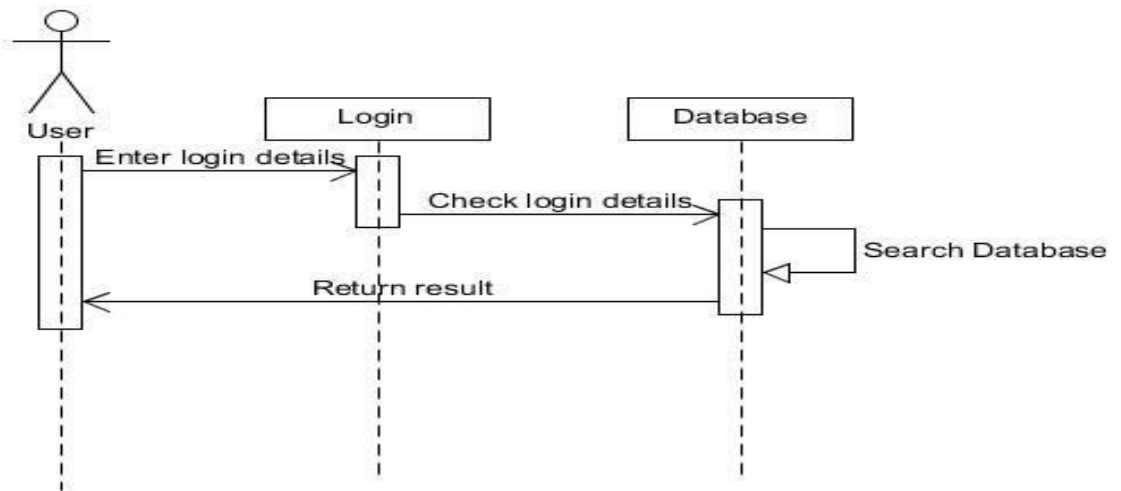
A SMS user for who the application looks like an user interface actually consists of a database called as SQLite that comes along with Android SDK and need no other installation. This is the database that is used to store and retrieve information. This is an application that is developed in java and hence all its features apply here as well such as platform independence, data hiding.

### USE CASE DIAGRAM





### SEQUENCE DIAGRAM



Sequence Diagram

## **FEASIBILITYSTUDY**

An important outcome of the preliminary investigation is the determination that system requested is feasible. This is to identify the objectives of a new system. Before solving a problem one must know what the problem is. The study is carried out by a small group of people who are familiar with system analysis and design process. Fact finding techniques are used to gather the required information.

## **TESTING**

### **WHITE-BOX TESTING**

White –box testing, sometimes called glass-box testing is a test, case designed method that uses the control structure of the procedural design to derive test cases. Using white-box testing methods, the s/w engineer can derive test cases that guarantee that all independent paths within a module have been exercised at least once. Exercise all logical decisions on their true and false sides. Execute all loops at their boundaries and within their operational bounds. Exercise internal data structures to ensure their validity.

Basis path testing is a white-box testing technique. The basis path method enables the test case designer to derive a logical complexity measure of a procedural design and use this measure as a guide for defining a basis set are guaranteed to exercise every statement in the program at least one time during testing.

### **BLACK-BOX TESTING**

Black-box testing ,also called behavioral testing, focuses on the functional requirements of the s/w. Black-box testing enables the software engineer to derive sets of input conditions that will fully exercise all functional requirements of a program. It is a complementary approach that is likely to uncover a different class of errors that white-box methods could not.

Black-box testing attempted to find errors in the following categories.

- Incorrect or missing functions.
- Interface errors.
- Errors in data structures or external data base access.
- Behavior or performance errors.
- Initialization and termination errors.

Black-box testing purposely disregards control structure; attention is focused on information domain. By applying black-box techniques, we derive a set of cases that satisfies the criteria test cases that reduce, by a count that is greater than one, the number of additional test cases that must be designed to achieve reasonable testing. Test cases that tell us something about the presence or absence of classes of errors, rather than an error associated only with the specified.

## CONCLUSION

At the end of this application it is a sophisticated approach for users to have a best selection and gives better performance for Administrator so that he can easily add, update and view student and company details. This initiative of making campus selection in online made more easier to students and companies of making selections. This is convenient to the students to view there vacancies. There is also a facility to report to the companies.

## REFERENCES

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**WEBSITES:**

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**REFERRED URLS:**

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