ANDROID BASED MNC'S RECRUITMENT INFORMATION

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Abstract - This is an android application where the user can know the recruitment information of various MNC's. This MRI application helps in such cases. The user can know the various levels of recruitment procedure followed by different MNC's. It also contains other information like the location of the company, images, contact details. Once the user opens the application, he can know this information by selecting the company from the list of MNC's displayed.

1 Introduction

This paper aims to build the information system in a Mobile phone using the latest technology in the market namely Google Android SDK .This paper aims the recruitment information of various MNC's .It is important to know the interview process of the company before attending the recruitment.

Android apps can be written using Kotlin, Java, and C++ languages. Each Android app lives in its own security sandbox, protected by the following Android security features The Android operating system is a multi-user Linux system in which each app is a different user. Each process has its own virtual machine (VM), so an app's code runs in isolation from other apps. An app can request permission to access device data such as the device's location, camera, and Bluetooth connection. The user has to explicitly grant these permissions.

In this paper the user can know the various levels of recruitment procedure followed by different MNC's through the android app.It also contains other information like the location of the company, images, contact .Once the user opens the application, can know the information by selecting the company from the list of MNC's displayed.

Considering the requirements, procedures to collect the necessary input data in most efficiently designed. The input design has been done keeping in view that, the interaction of the user with the system being the most effective and simplified way. Also the measures are taken for the following Controlling the amount of input

Avoid unauthorized access to the Universal Dossier

Eliminating extra steps

Keeping the process simple

At this stage the input forms and screens are designed.

Usually the android app components are designed in such a way

App components are the essential building blocks of an Android app. Each component is an entry point through which the system or a user can enter your app. Some components depend on others.

There are 4 different types of app components:

- Activities
- Services
- Broadcast receivers
- Content providers

Each type serves a distinct purpose and has a distinct lifecycle that defines how the component is created and destroyed. The

following sections describe the four types of app components.
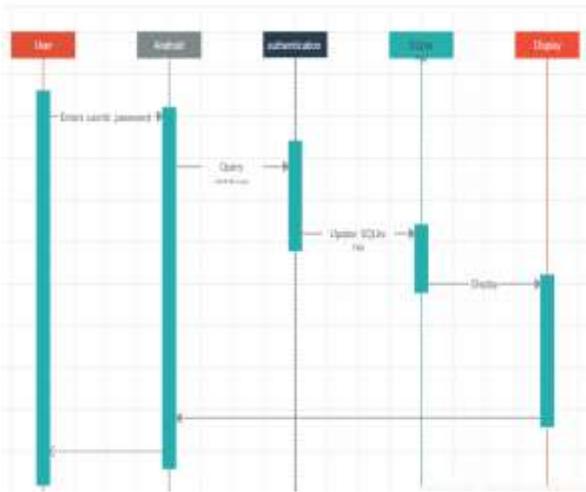
Existing System: In android mobiles, there is no application which can describe the recruitment procedure followed by various companies. It is very much important for the people who want to attend the recruitment. In existing system, the user has to visit the sites of the companies to know the levels in the recruitment procedure

Proposed System: In this proposed system, the user can install this application in his mobile through which he can know the details of recruitment procedure of various MNC's. The user need not browse through various sites. He can know the recruitment procedures of all the MNC's by using this app. Also . can know other information like location of the company, images etc.

2 Related work

The next step in analysis is to verify the feasibility of the proposed system. "All applications are feasible given unlimited resources and infinite time". But in reality both resources and time are scarce. Project should confirm to time bounce and should be optimal in their consumption of resources.

- Technical feasibility
- Operational feasibility
- Economical feasibility

TECHNICAL FEASIBILITY:

As we are developing this Application on Java 2 platform edition which is an open source and free of cost. Once we started developing this application in Java 2 platform edition then there is no need of purchasing any special software or application software for support.

OPERATIONAL FEASIBILITY:

To determine the operational feasibility of the system we should take into consideration the awareness level of the users. Users who are using this Application don't require much knowledge of how to use. Everything will be understood by user once he sees the application.

ECONOMIC FEASIBILITY

To decide whether a project is economically feasible, or not we have to consider various factors as:

- Cost benefit analysis
- Long-term returns
- Maintenance costs

3. Implementation

 Software Requirements:

 Java(jdk 1.8)

 Android SDK

 Eclipse Ganymede IDE

 Operating System –Windows XP, Windows 7

 Hardware Requirements:

 Ram : 1 GB Ram & above

 Hard Disk : 50 GB & above

 Processor :Dual Core & above

**Modules in the application:**

Modules:

- View MNC Companies information
- Add MNC Companies information

In designing all these software principles have been followed

1. **Modularity and partitioning**: software is designed such that, each system should consists of hierarchy of modules and serve to partition into separate function

2. **Coupling:** modules should have little dependence on other modules of a system.

3. **Cohesion:** modules should carry out in a single processing function.

4. **Shared use:** avoid duplication by allowing a single module is called by other that need the function it provides
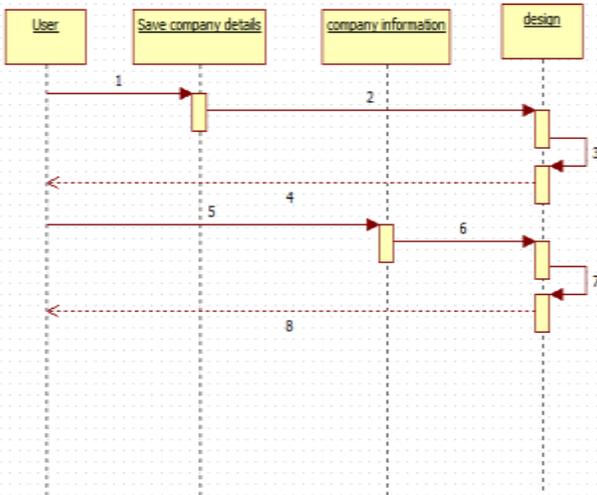
The user authentication is verified, and details are stored in the database and these details can be retrieved by using SQL queries.

Company details can be stored and their recruitments will be posted along with the advertisement. Company information can be displayed. So user can efficiently utilize the resources.
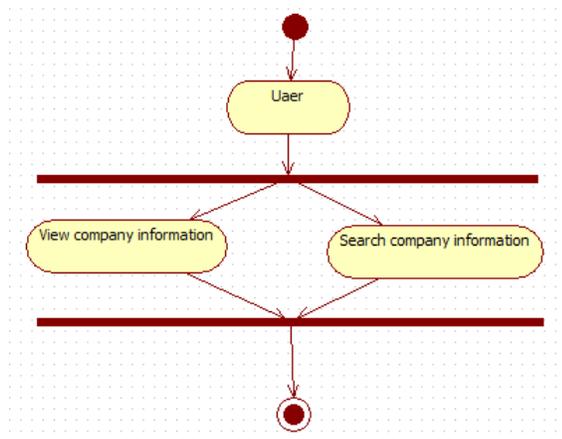
All the screens of the system are designed with a view to provide the user with easy operations in simpler and efficient way, minimum key strokes possible. Instructions and important information is emphasized on the screen. Almost every

screen is provided with no error and important messages and option selection facilitates. Emphasis is given for speedy processing and speedy transaction between the screens. Each screen assigned to make it as much user friendly as possible by using interactive procedures. So to say user can operate the system without much help from the operating manual.

Conclusion: This application is used so that the user can know the various levels of recruitment procedure followed by different MNC's. It also contains other information like the location of the company, images, contact details etc. Once the user opens the application, he can know this information by selecting the company from the list of MNC's displayed.

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