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APP DEVELOPMENT FOR PLACEMENT DRIVE AND RECRUITMENT PROCESS

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Abstract - The project end title is “APP DEVELOPMENT PLACEMENT DRIVE AND RECRUITMENT PROCESS”, that one purpose is for admin that calls the companies that allows the student to view the drive details. The job details of the placed students will be provided by the administrator. The project provides the facility of maintaining the details of the students and gets the requested list of candidates for the company who would like to recruit the students based on given query. It also allows the students to register for viewing the specified details and also allows placement officer to upload the details about the student and company details. It intends to help ensure the details of the student. The objective of this project is to maintain the selected student information in the college with regard to placement is managed efficiently. It also allows the faculty and student to view the company’s facilities and also helps to provide a facility of maintaining details of students along with the placement records of the colleges. The project will provide maximum optimization, abstraction and security along with minimum manual work.

Keywords — Placement Drive, Recruitment, Job Seekers, Walk-ins

I. INTRODUCTION

The target of this project is to develop a system that can be used by placement cell of a college. The purpose is to design a system that provides functionalities to perform the activities related to placement services. It also allows the faculty and student to view the company’s facilities and also helps him to select under different platforms. It also Provide leadership and support to staff in relation to student placements for relevant disciplines. Promote consistent, high quality practice standards and promote good practice in the supervision of students. Develop and maintain strong working relationships with universities with a view to increasing the disability focus in entry level training. Promote other disability

services for student placements and as a work choice option upon the app drive. The project will helpful in faster management of the placement related activities in the college campus.

II. OBJECTIVE

The objective of this project is to provide details about the candidates for the student and placement officer. The purpose of the **App Development for Placement Drive and Recruitment Process** is to guide students to choose right career and to give knowledge, skill and aptitude and meet the manpower requirements of the Industry. The Function is facilitated by Central Training and Placement Officer as head and the Departmental Training and Placement Officers as coordinators and also Maintaining and regularly updating database of students. Maintaining database of companies and establishing strategic links for campus recruitments.

III. EXISTING SYSTEM

In existing system it was maintained by manually, it leads to more work and it invokes more time. It takes more paper work for selecting student and the message can be delivered by a time, so it makes a student hope that is an uncomfortable system. It also exceeds the time by sending a message through mail for a person who sending messages. It makes a more fund for collecting student details and also difficult to coordinate students, companies and interviews.

Drawbacks:

- Cost efficient
- No accuracy
- Difficult to manage
- No protection

IV. PROPOSED SYSTEM

To reduce the job required to manage student information and the information of various recruiters, a new system is proposed which is processed through computers. In proposed system it was easily maintained by recruiting student by the well-known languages. It provides facility of sending a message and it reduces the cost of working. It also easy to manage the men and machines. It also provide easy way of registering and viewing student details for the launches company's and it also provides information about the selected no of students.

ADVANTAGES:

- Time consuming
- More flexibility
- Easy manageable
- More accuracy
- User interaction

V. MODULE DESCRIPTION

The difficulty with this app is that we tend to look for at the individual. The individual does not work independent of others. Each student and staff needs to be evaluated relative to their details updated, to match between his or her needs and those required for placement. A activities of one worker dependent on the activities of a another worker. Each of the details will independent of others details. So the administrator have chooses the various modules that would be followed by the workers. The next step is to matches the student details that could be satisfied by administrator. Once registration is made, individual details can be placed in databases with in the specified time with possible assessments.

This project is to facilitate the student's details in college, by student registering it and communicate with placement officer. The users can access easily to the data can be retrieved easily in time. In the main page there are options for new register, a new registered student can be directly login using username and password. In the student register form students can upload the personal details, educational qualifications and professional skills. The details of the placement can be provided by the administrator.

The administrator plays an important role in the project. They provide an approval of updating and registering the student details. The staff register form indicates that staff can view the details about the student and they can easily assess the details through username and password. In this project we creates a register form for the student which can easily helping for viewing and updating the details.

The project contains following three modules

- *Administrator module*
- *Staff module*
- *Student module*

Administrator Module:

Administrator module helps us to insert and update statistics like number of students selected in the campus search for student information according to drive process for recruitment process by with the help of databases.

Staff Module:

Staff logging module helps us to view the student's placement details. This module also contains details of the department and student information's by compose drive process, by placement oriented event and training process.

Student Module:

Students logging module should be able to upload the own information. This module contains all the details of students that can be viewed only by the students with an authorized service.

DATA FLOW DIAGRAM:

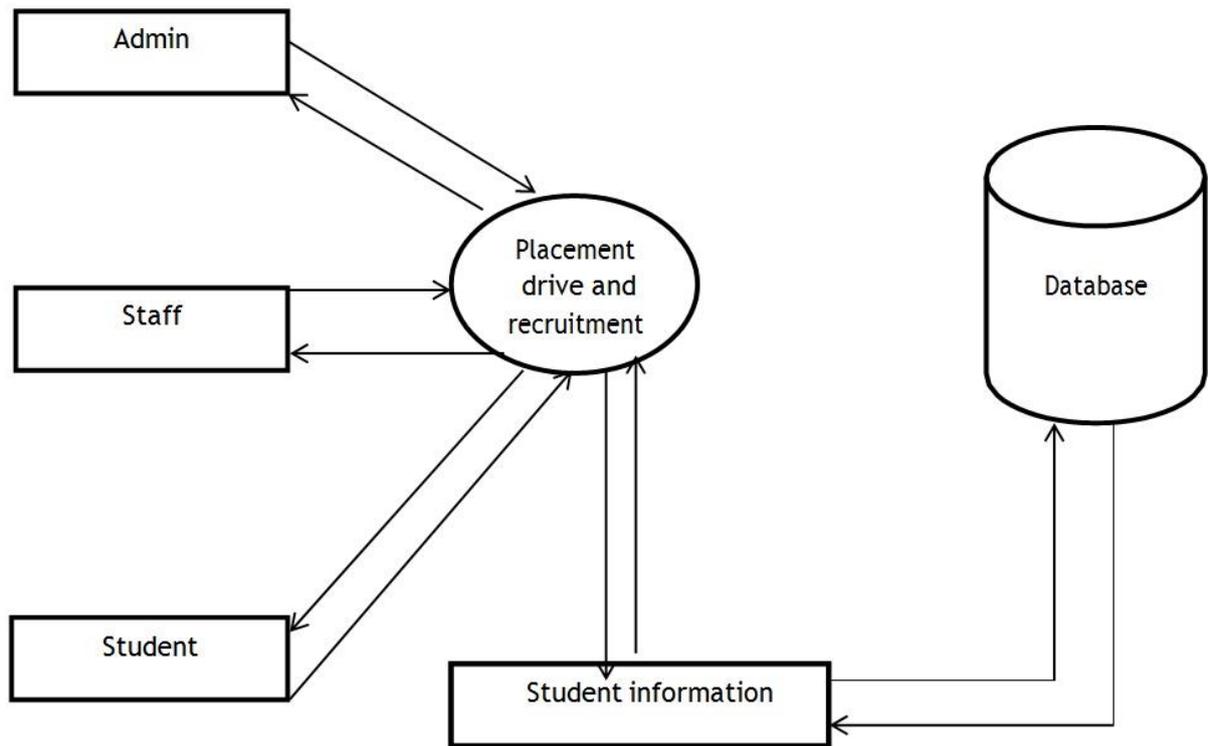


Fig 5.1 Level 0 DFD diagram

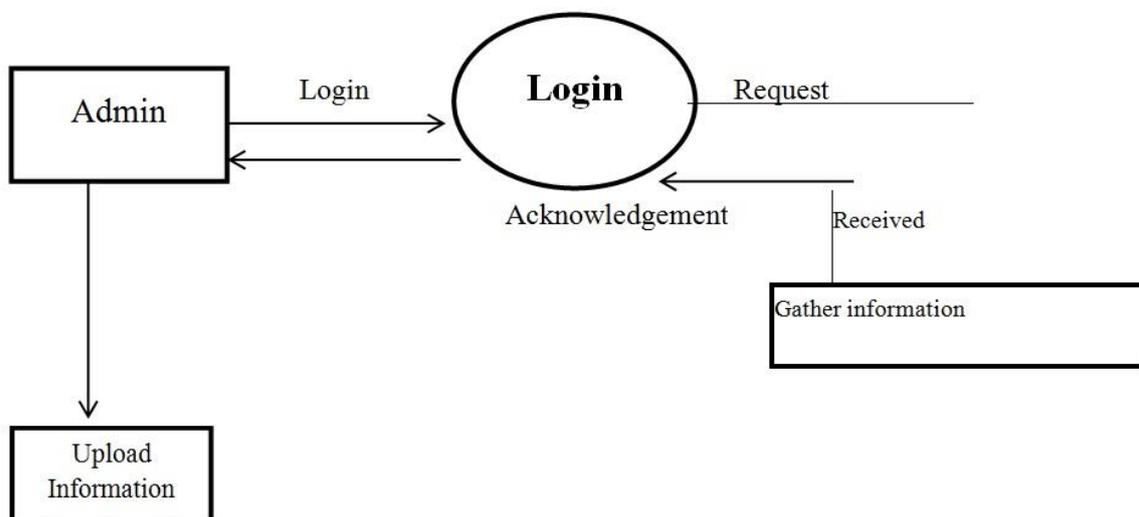


Fig 5.2 Level 1 DFD diagram

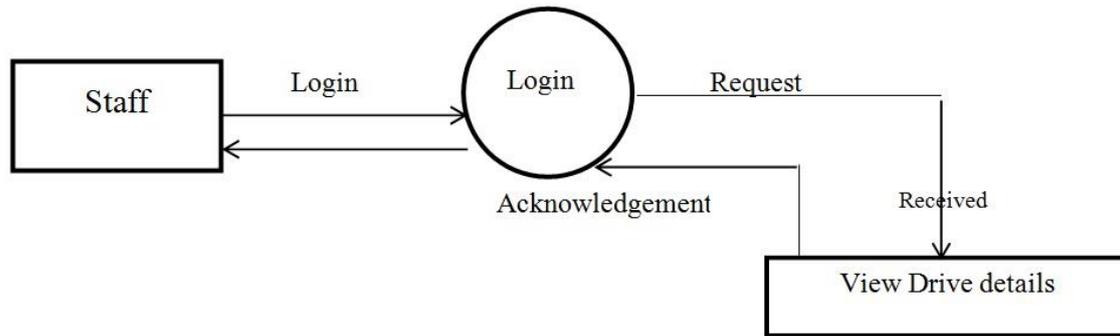


Fig 5.3 Level 2 DFD diagram

OVER FLOW DIAGRAM:

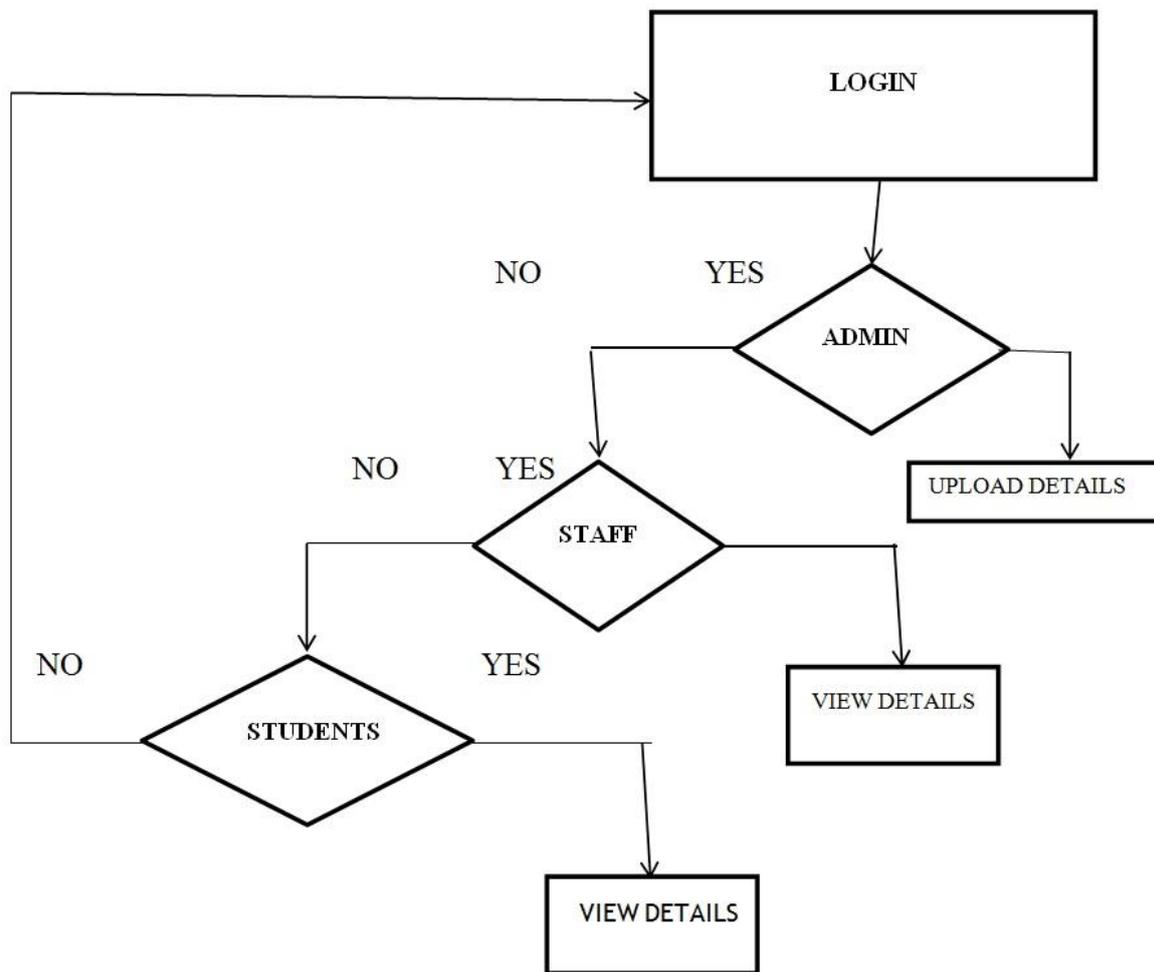


Fig. 5.4 Project over Flow Diagram

VI. SYSTEM IMPLEMENTATION

System Implementation is the stage of the project when the theoretical design is tuned into working system. If the implementation system stage is not carefully controlled and planned, it can cause chaos. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the users a confidence that the system will work and be effective. The implementation stage in a project involves, Careful Planning investigation of the current system, checking constraints and the implementation. A software application in general is implemented after navigating the complete life cycle method of a project. Various life cycle processes such as requirement analysis, design phase, verification, testing and finally followed by the implementation phase results in a successful project management.

The software application which is basically a Windows based application has been successfully implemented after passing various life cycle processes mentioned above.

SCREEN SHOTS:

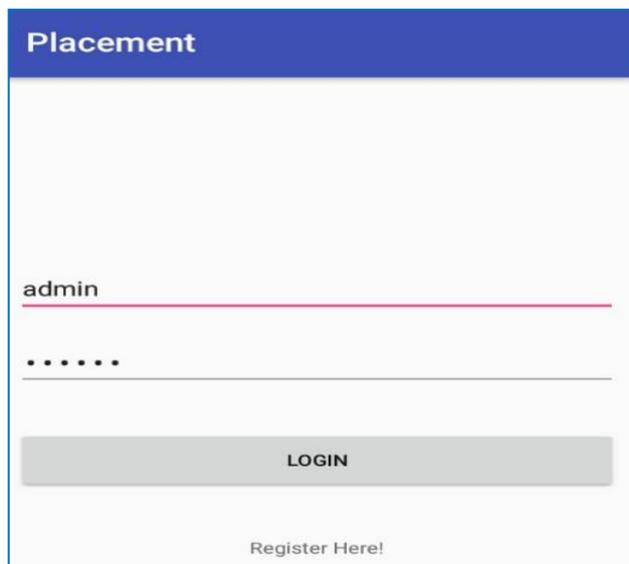


Figure 6.1.Login Screen

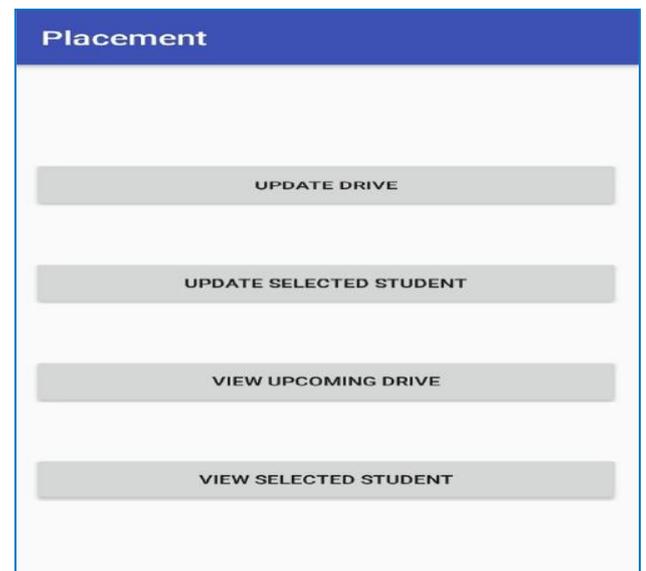


Figure 6.2.Main Page

Figure 6.3. Admin Update Page

15ece07 ECE
16mcal40 MCA
16macl24 MCA

Figure 6.4. Selected Students List

Company Name :	Infosys
Date	20.11.2017
Venue	NGP IT
Qualification :	MCA
Company Name :	CTS
Date	20.12.2017
Venue	NGPIT
Qualification :	B.E,MCA
Company Name :	TCS
Date	07.10.2017
Venue	NGP CONFERENCE
Qualification :	MCA, BE

Fig: 6.5. Upcoming Drives

uniq Technologies	3	VIEW
Accura veldors	2	VIEW
Soft Square Solutions	2	VIEW
ZIFO RND Solutions	1	

Fig: 6.5. Selected Students List with Company Names

VII. CONCLUSION AND FUTURE ENCHANCEMENTS

CONCLUSION

The placement app has an Internet standard to solve the issues of scalability surrounding the file. Since then, the widespread use of this app and its ability to resolve student's verification and applications alike in a timely and fairly reliable manner makes it a critical component of the Internet. The distributed management of this drive is support for redundancy of details across multiple servers promotes its robust

characteristics. However, the original specifications did not include security. Without security, the app is vulnerable to stemming from cache poisoning techniques, client flooding, dynamic update vulnerabilities, information leakage, and compromise of an authoritative detail.

FUTURE ENCHANCEMENTS

Every application has its own merits and demerits. The project has covered almost all the requirements. Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature. Changing the existing modules or adding new modules can append improvements. Further enhancements can be made to the application, so that the system will be immediately blocked while attacks take place. In future all transaction will be processed in a secure manner and can find the students activity by getting all relevant details. In future there will be capture all actions of the Image retrieval by using screen capturing mechanism.

REFERENCES

- [1]. Java Complete Reference by Herbert Shield, 2009.
- [2]. Database Programming with JDBC and Java by George Reese, August, 2000.
- [3]. Java and XML By Brett McLaughlin November, 2007.
- [4]. Rick Boyer and Kyle, “Android Application Development Cookbook”, Mew Second Edition, O’Reilly Media-April, 2012.
- [5]. Ed Burnette “Hello Android Introducing Google’s Mobile Development Platform”, May, 2015.
- [6]. www.wikipedia.org
- [7]. www.answers.com
- [8]. www.google.co.in
- [9]. www.pmi.org
- [10]. www.it.toolbLox.com/wiki/index.php/Warehouse_Management