

Placement Assistance System

Aakarsh M S¹, Anirudh R², Gagan K³,Niranjan C A⁴ , Vanamala C.K

¹ **Aakarsh M S**, Project Group, Dept of Information Science and Engineering, NIE, Mysore – 570008, Karnataka, India

² **Anirudh R**, Project Group, Dept of Information Science and Engineering, NIE , Mysore – 570008, Karnataka, India

³ **Gagan K**, Project Group, Dept of Information Science and Engineering, NIE , Mysore – 570008, Karnataka, India

⁴ **Niranjan C A**, Project Group, Dept of Information Science and Engineering, NIE,Mysore – 570008, Karnataka, India

⁵ **Vanamala C K**, Assistant Professor, Dept of Information Science and Engineering, NIE,Mysore – 570008, Karnataka,

Abstract - The world is evolving drastically with more sophisticated things being built to accomplish tasks in a simpler yet quicker fashion. While many institutions press on infrastructural development, few do on software and connection. An apparent example to this is the colleges' way to handle placements in a primitive manner which is ineffective to say the least. With placements being one of the most important criteria in gauging a college's reputation, a concrete system for this purpose must be developed to ensure the progress of the college and ease of participation of students. To attend to this need, we seek to provide a solution in the form of 'Placement Assistance System'.

The 'Placement Assistance System' aims to achieve better awareness about the recruitment activity, an increased participation in it, easier registration, access to valuable information about the companies, eligibility criteria, test preparation materials such as previously asked questions, topics of importance and a technical discussion forum which involves active participation of lecturers to guide the students and a connection to the alumni to build a larger professional network.

With this, we hope to achieve a paradigm-shift from a manual system to computer regulated system and streamline the placement activity.

Key Words: Placement System, Automation, Assistance System, Communication portal, Website, One click automation, Text Messages, E-Mail

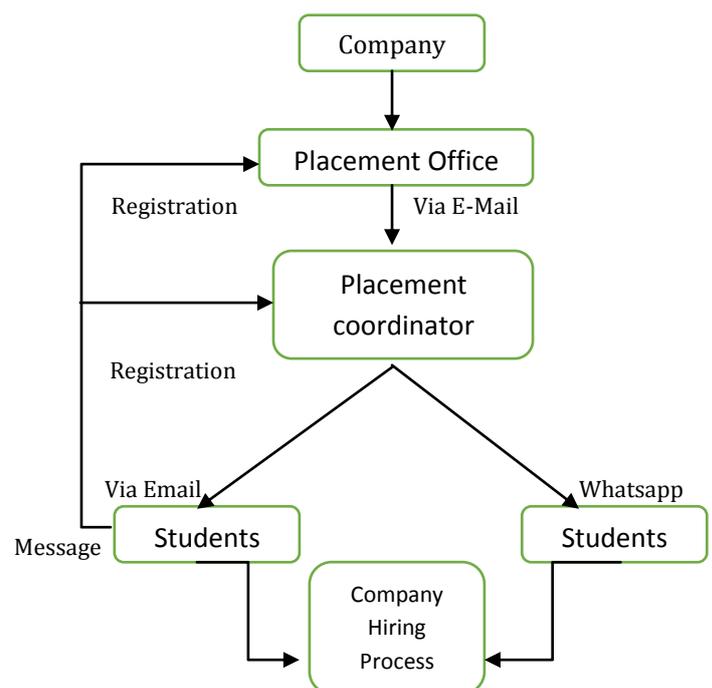
1. PROBLEM STATEMENT

A large number of companies visit the Campus every year and recruit eligible students from the campus. The whole recruitment process, right from announcement of company schedule to hiring students, the entire process is handled by Placement office with the help of few placement coordinators. The use of traditional technology and methods for the entire process makes the process difficult for the students. During the process, the college students are dependent solely on the placement coordinators, who are prone to irregularities and

mistakes, in providing them with valuable and potentially life-changing information. When it comes to preparing for the aptitude test and interviews, there isn't a one-stop platform where the students can prepare from. Making the whole placement process easier helps the placement office by efficient management as well as students to have a better future.

1.1 Existing System

At present there is no singular and concrete service to facilitate the flow of information regarding the placement activities. The information comes in the form of messages via WhatsApp messages or through E-Mail. The placement coordinators pass the message to the students via same platforms. The students then need to register for the company with their respective coordinators or in the placement office. Students then undergo the company specific hiring process. A well-established communication platform between the students, lecturers and alumni doesn't exist. Students don't have proper guidance to prepare for different companies.



	SJCE	VVCE	ATME	VidyaVikas
Placement	Yes	Yes	No	No
Website	Yes	No	No	No
Discussion Forum	No	No	No	No
Text Message	No	No	No	No
Automated Matching	No	No	No	No

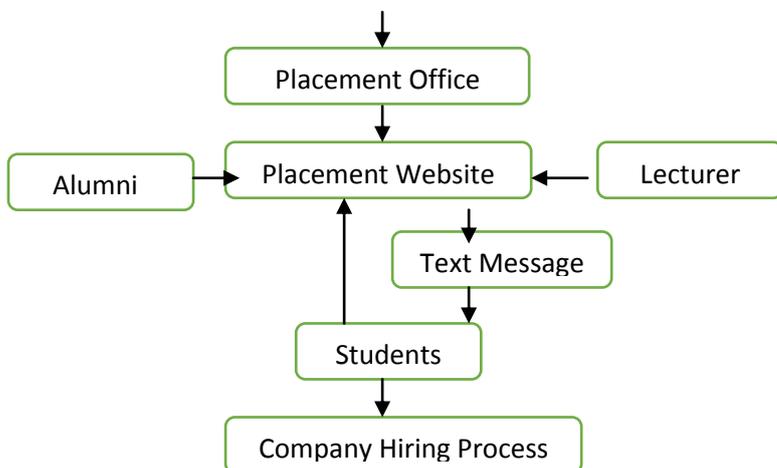
Existing System in other colleges

Disadvantages of Existing System

- Inefficient communication method
- Complex process for registration
- No involvement of Alumni and Lecturers
- No proper resources to prepare for interviews
- Prone to human errors

1.2 Proposed System

Our proposed system consists of a web application as well an Android application to make the placement process easier. The entire process is dependent on the web application. As soon as new information regarding companies is updated on the placement application, it is accessible by all students as well as for alumni's and lecturers. A notification will also be sent to the students on the android application. Students can register online in a click of a button. The application also contain a forum to start a discussion on general placement related topics by the students or lecturers or even alumni after logging in on the application. Each company will have a specific profile containing relevant information such as job profile offered, packages, location etc. Students can connect to the alumni placed in different companies to know more about their interview experience, work environment of the company or to get suggestions to prepare. There also exists a separate portal to upload and download relevant study materials.



The different data flow diagrams are as follows:

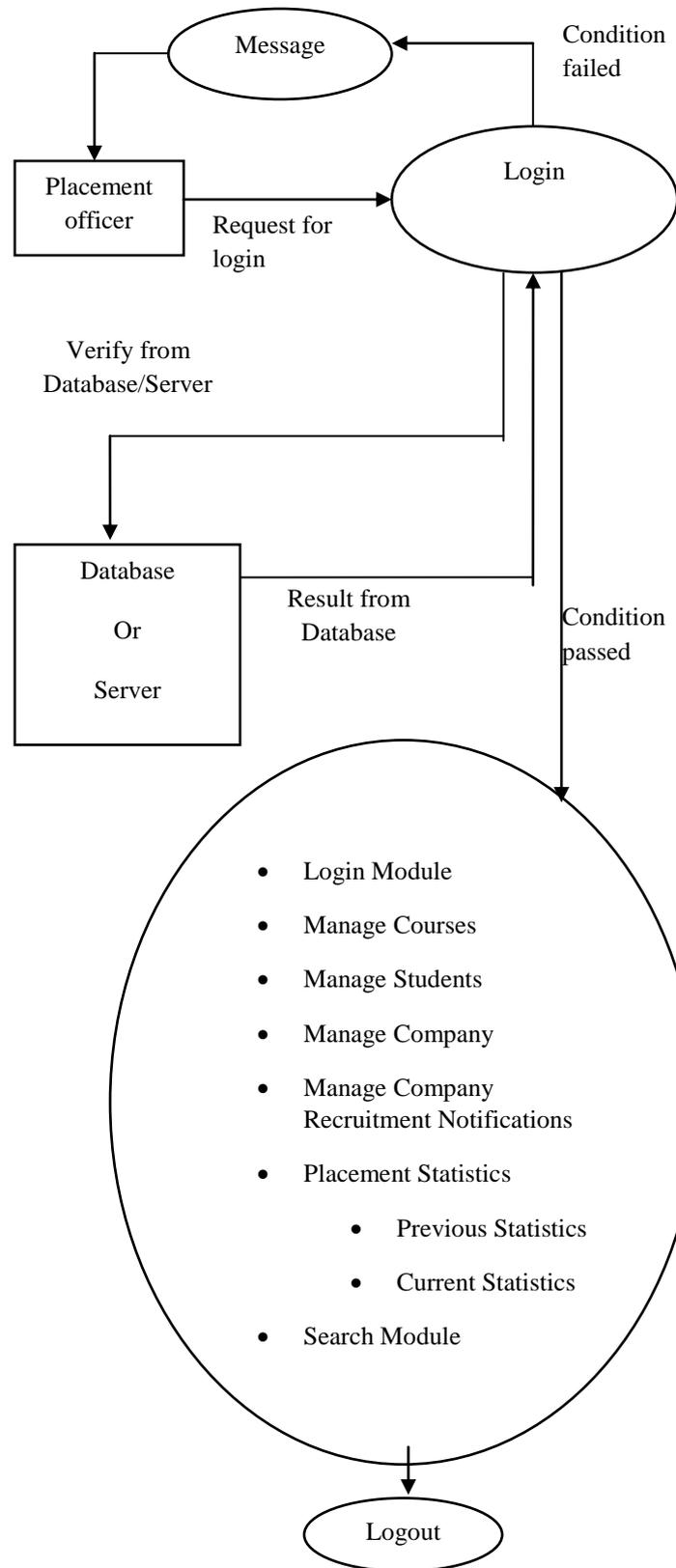


Fig. 3. Flow diagram of placement officer

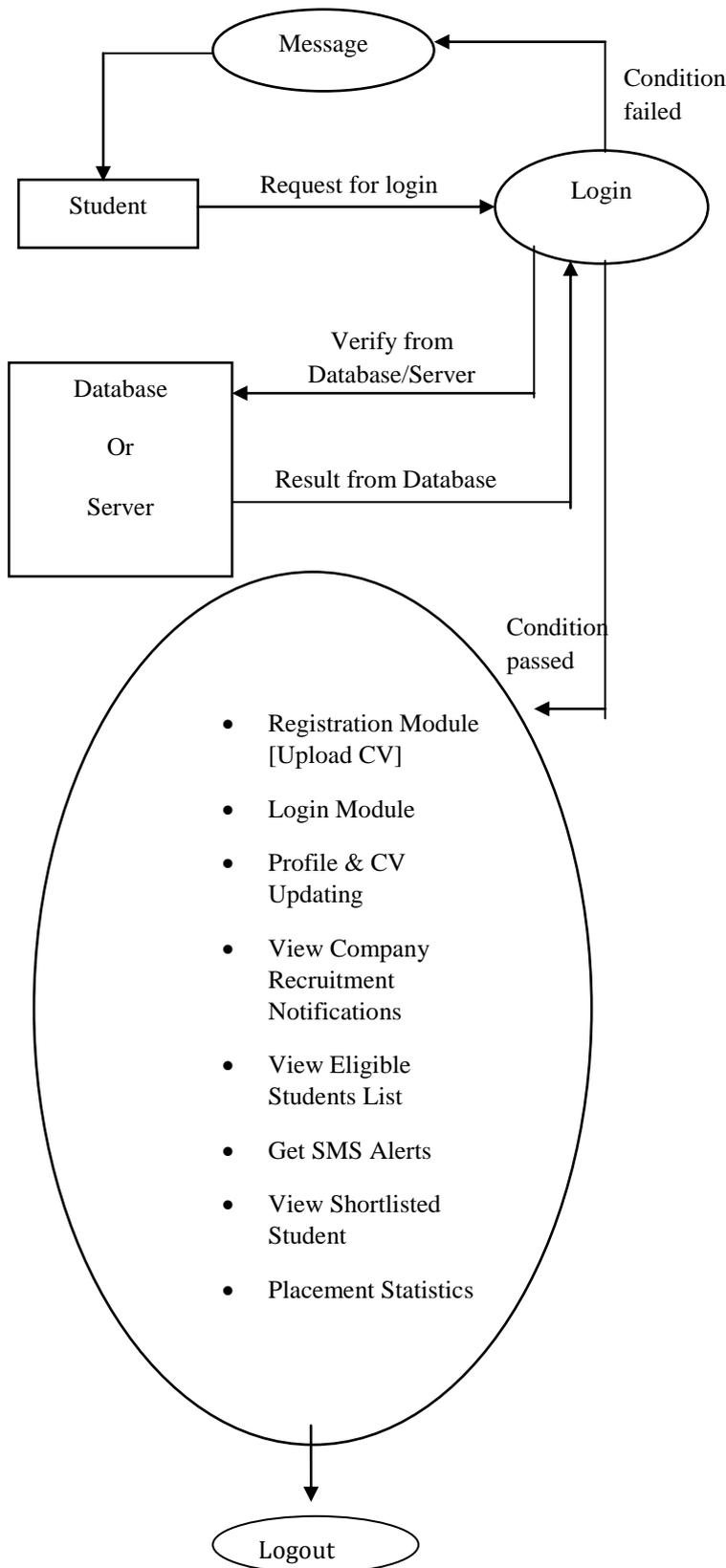


Fig. 4. Flow diagram of student

1.3 Advantage of Proposed System

- Direct access to latest information
- Information available anytime.
- Cloud push notification to android app with company schedule and other details
- Platform to connect students, alumni and lecturers
- One click registration to the company

2. CONCLUSIONS

The 'Placement Assistance System' has been developed in the interest of students and to enhance the placement process. The successful implementation of this project will bring about a drastic change in the placement activity, thereby benefitting all who are involved in it. 'The Placement Assistance System' will be a valuable addition to the college facilities.

3. FUTURE ENHANCEMENTS

Being a new system and with ever-changing requirements, the 'Placement Assistance System' will need further enhancements in the future. These include:

- A mobile version of the desktop site.
- Android, iOS and Windows application.
- Query through mobile text messages to the server.

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