# PLACEMENT ACTIVITY SYSTEM

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**Abstract –** Automation System project aims to build a Placement Automation System that will facilitate the interaction between college students, the placement cell of the college and the recruiting companies. The system will maintain student information such as grades, courses taken, endorsements from faculty, etc. The system will be updated by job postings by the companies. Companies will be able to share information regarding the job, payment and selection procedure. A schedule for the recruiting drive will also be posted. Students who meet the criteria will be able to apply and will then be notified at each stage of the recruitment. The placement activity system is developed to maintain the details of student information, trace the details of student also maintain the information about the company availability.

**Keywords** – Automated System, Placement management, Training.

## I. INTRODUCTION

Placement Activity system is a total management and informative system. TPO helps the colleges to overcome the difficulty in keeping records of hundreds and thousands of students and searching for a student eligible for recruitment criteria from the whole thing. It helps in effective and timely utilization of the hardware and the software resources.

The aim for making this project is to understand the typical system of Placement Activity System of the student. The entire project covers following:

- ✓ Student Information
- ✓ Company Information
- ✓ Student registration
- ✓ Records of placed and Non placed students
- ✓ View students information
- ✓ Records of registered Students and Companies
- ✓ Search Enrollment number wise, Maximum percentage wise Students

Our project will perform tasks defined above. It stores student's information and company information. It also uses the registration form for entry. It stores the records of students registered for training and placement including the students, who are already placed. There is also a form which shows the student's information as well as the information about the company and we will Search for Students of Enrollment no. wise, City wise, Maximum percentage wise and we can show information or data.

Computers and information technology has a major influence on the society and the society is becoming more and more dependent on technology. Going on is an era of simplifying almost all complicated works using computers. The last few years have witnessed a tremendous increase in the capabilities and use of computers. Manual processing makes the process slow and other problems such as inconsistency and ambiguity on operations. The proposed system intends user-friendly operations which may resolve ambiguity. By considering all this factors, the applications produced, which performs the social service simply and effectively. So the main objective of this project is to make use of the computerized process.

## II. LITERATURE SURVEY

Each and every process in the existing system is carried out manually. The college training and placement officer had to refer all the records of previous years for even minor details. This used to be

tedious and more time consuming than it sounds. It becomes more difficult when the number of students increase each passing year. There are other limitations of existing system. In manual placement management system all the task is done by human interventions. Therefore there is maximum chance of errors. The files are not stored in hierarchical form. Thus searching for a particular becomes complex task. Updating certain information is difficult and ambiguous which may lead to data redundancy due to the chances of duplication of information. Not every students are aware of the placement updates by training and placement officer of the college, therefore they may lose an opportunity to grab a seat for job interview.

## III. PROPOSED SYSTEM

The proposed system is fully computerized, which removes all the drawbacks of existing system. Proposed system is an online application that can be accessed throughout the organization and outside as well with proper login provided. This system can be used as an application for the TPO of the college to manage the student information with regards to placement. The advantages of the proposed system are:

✓ Placement officer can easily collect student details, and approve the details provided by them.
✓ As it is an online application, communication with placement officer is easy to students, so here providing details of new placements becomes very easy.
✓ Students can know about company details through the details provided by Placement officer and through the websites provided by him.
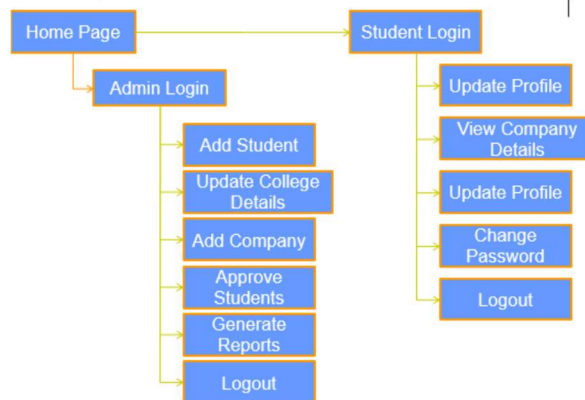


Fig. 1: System Overview

**Implementation Modules**
**Student Module**
In this module, student can perform operations like:
o Update details: This service provides the user to update their details.
o Check details: This service provides the user to check his/her details.
o Change password: This service enables the users to change password
o View Company Details: Students can check the company profile added by the admin.

**Filter Module**
In this module, allows admin can to search for student information according to eligibility criteria for recruitment process.

**Admin Module**
In this module, admin can perform operations like:
o Update details: Allows administrator to update his (college) details.
o Add student: Allows administrator to add a student to database.
o Approve: Allows administrator to verify the details of the student, and to approve him to the application if they are correct.

o  Student details: Allows administrator to search for student information according to eligibility criteria for recruitment process.
o  Change password: This service enables the administrator to change.

**Report Module**

In this module, allows admin can to generate various reports like:

o  View Students
o  View Companies
o  View Selected Students
o  View Unplaced Students
o

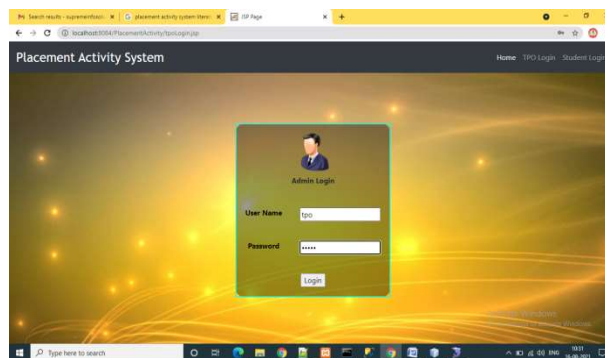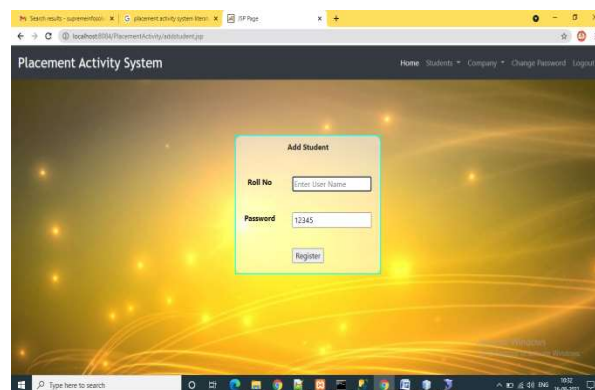# IV. RESULT AND DISCUSSION



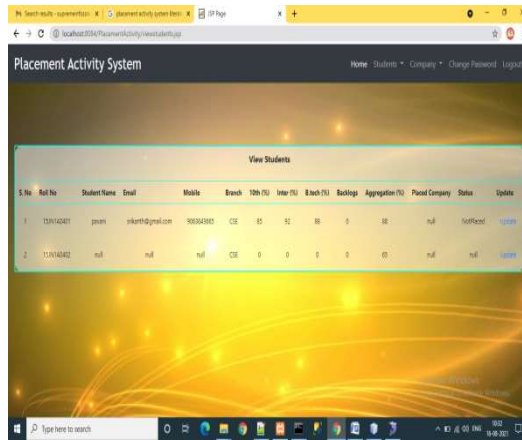**Fig. 2: Home Page**



**Fig. 3: TPO Login Page**



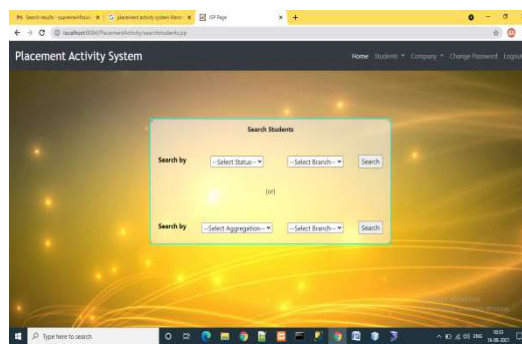**Fig. 4: Add student**

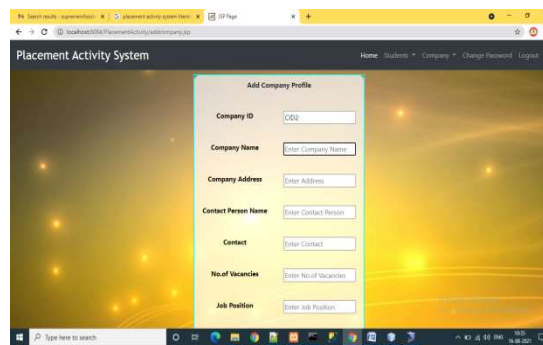**Fig. 5: View Student**



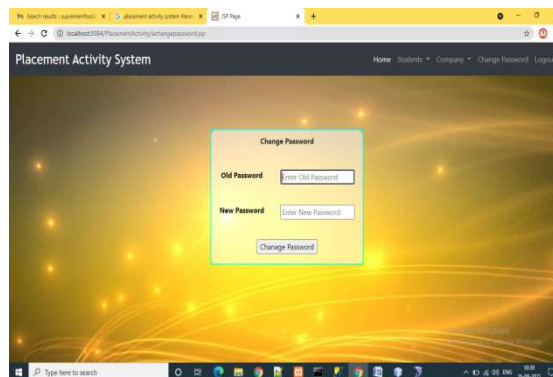**Fig. 6: Search Student**



**Fig. 7: Add Company**
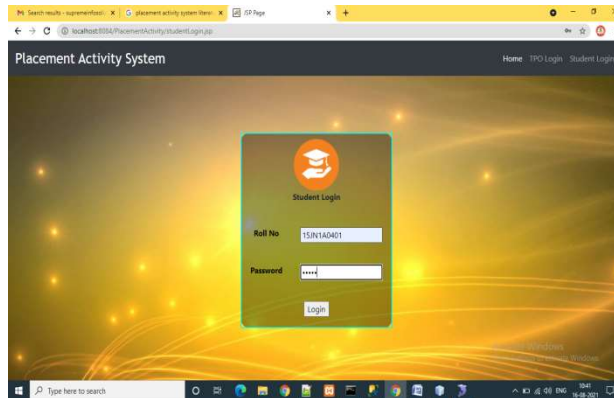


**Fig. 8: TPO Change Password page**
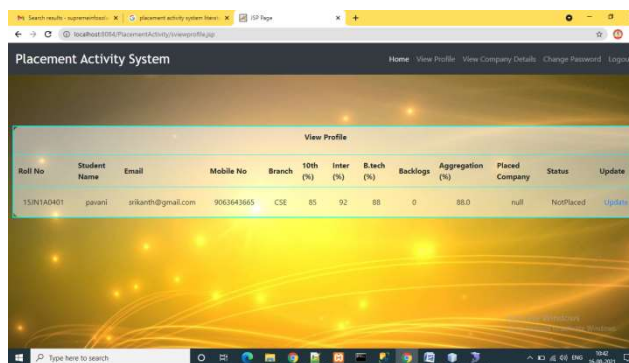
**Fig: 9: Student Login**
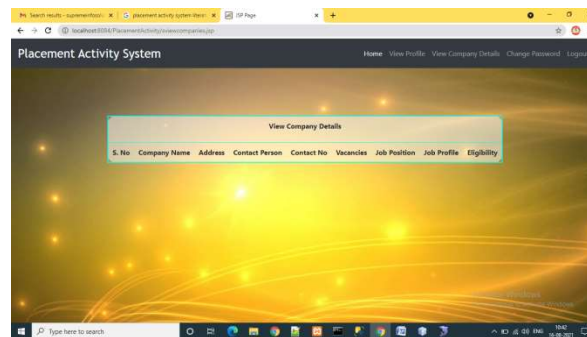


**Fig. 10: View Profile**



**Fig. 11: View Company Details**

## V.  CONCLUSION

In this project, we proposed and developed "Placement activity system" in which helps to design and implement an android and web applications to provide communication between Admin and student. This system helps the colleges to overcome the difficulty in keeping records of hundreds and thousands of students and searching for a student eligible for recruitment criteria from the whole thing. In future, we need some more features to our system to provide better services by adding student feedback, like advanced filtering search. We can also search the students who are placed in a particular company and in addition to that, another feature like salary can also be added so that it would be easier for the college management to find out the highest salary gained by the students.

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