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An Android and Web Application for Training and Placement Cell

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Abstract: Training and Placement plays a major role in shaping up the career goals of students. There are thousands of colleges present in India. Each college has its specific training and placement cell which provide campus drives details to students. But all this process is done on platforms like whatsapp and some manual work is also required. To make this process easy and student friendly we introduce an Android and Web Application for Training and Placement Cell. It has three modules such as student, admin and training and placement officer (TPO).The application can help the training and placement officer to provide the details of upcoming campus drives. The eligible student will alert by notifications. Once the recruitment process is completed, a list of placed students will be uploaded in the application by the training and placement officer.

I. INTRODUCTION

The training and placement cell plays an important role in improving the overall performance of the student. The main objective of the training and placement department is to manage the details of the placement, student details, overall academic details of the students, and their technical skills. This system is an application that can be accessed by the student and TPO through their smart phone as an android application as well as through the desktop as web application.

Training and Placement Cell provide employment opportunities to students, it conduct programs on communication skill and soft skill. The cell provides complete support to the visiting companies at every stage of placement process. The training and placement cell plays a crucial role in locating job opportunities for under graduates and post graduates passing out from the college by keeping in touch with reputed firm and industrial establishment.

There are three modules in this application Admin, TPO and Students. Students will register themselves by filling their academic details. TPO will provide with username and password. TPO can upload all the information regarding the upcoming campus drive. TPO can filter out eligible students for particular company. TPO will also provide previous year placed students details, previous year question papers and syllabus for the any particular company. Soft Skills trainers can register themselves to help students. This application will make communication between students and TPO easy and save time.

Placement officer will also be provided a unique id and password by the administrator. This application helps the placement officer to update the correct details of the requested students. The placement officer only has the rights to access the database. Once the campus recruitment gets completed the final list of the placed students in a particular company will be uploaded by the placement officer. Students will also be updated about the campus drive.

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Students can maintain their own information and update. Notifications will be sent to the students about the upcoming campus drive and also they can access the information about the previous placed students. Work can be done in a computerized way, no need of paper.

II. EXISTINGSYSTEM

In the existing system, TPO cannot update or delete the profile of the students and also it is difficult to categorize the eligible students for Campus drive. Filters are not present in order to sort the student's data in required manner. And also maintaining and managing a large amount of student's data is a difficult. Students, TPO and soft skill trainers face difficulties while communicating with each other about campus placement. There is no proper way for TPO to provide information about upcoming companies for placement. Each and every student not getting their dream company's details easily.
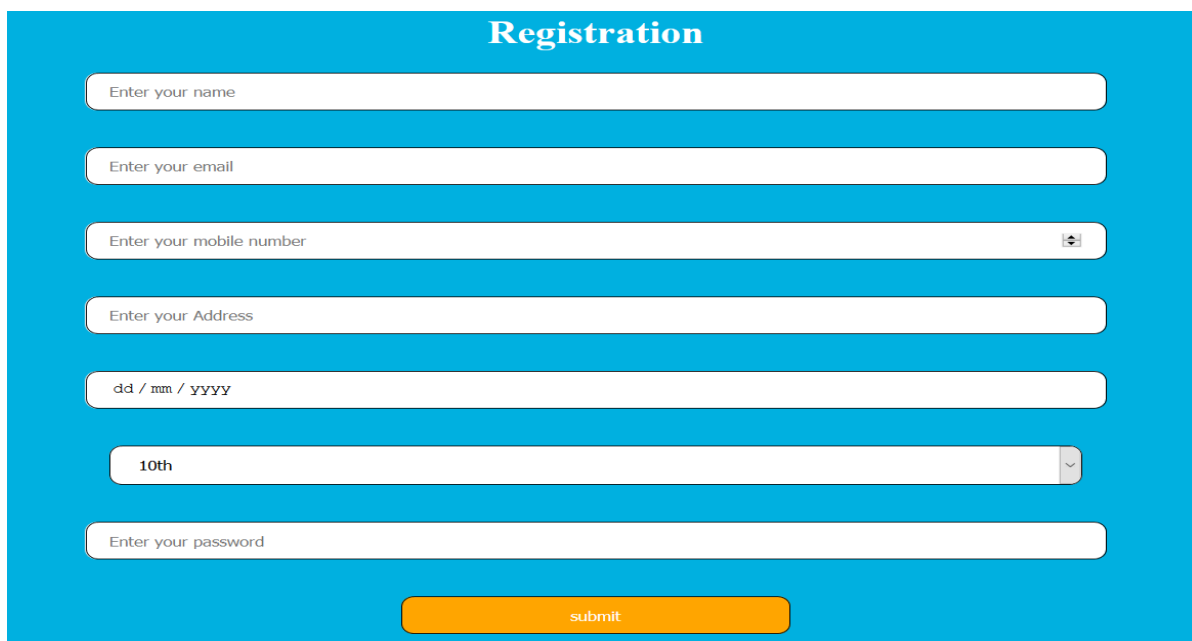
III. PROPOSEDSYSTEM

We proposed an android and web application connected to a centralized database. It makes easy communication. It works on real time system. It requires active internet connection for working and this application reduces the work load of TPO.

There are three modules in this android application which are as-

1.   Admin Module: Admin has special powers of giving different user id and password to each students and TPO including soft skill trainers. Admin can handle, update or remove the data of students as well as TPO also. Database can accessible by administrator and TPO. Administrator can update an application as per user requirement.
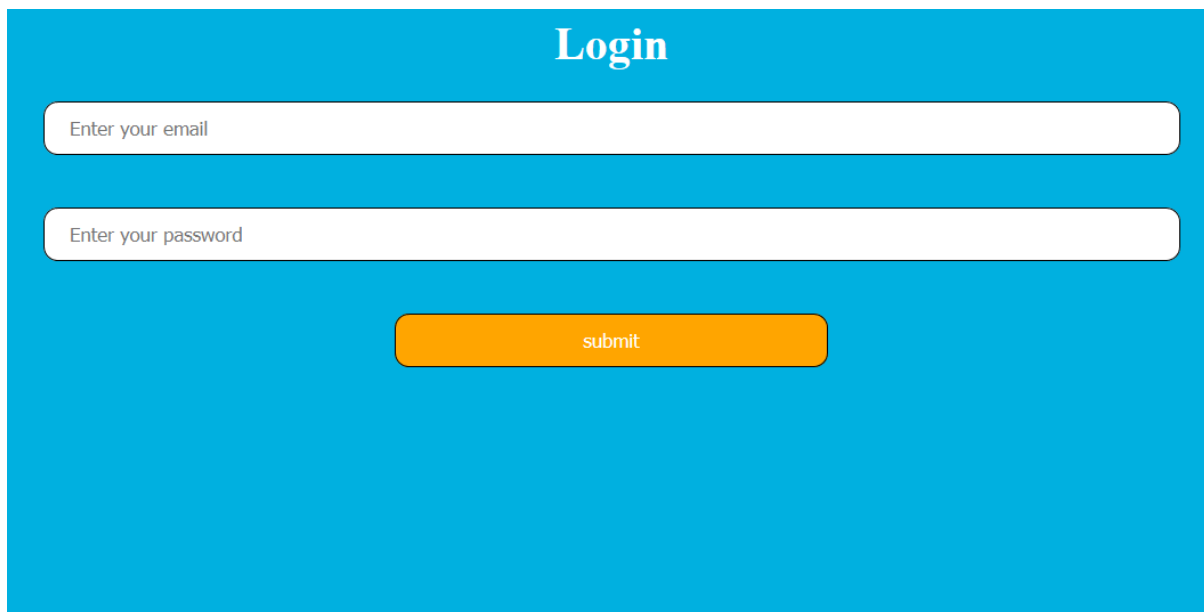
2.   Student Module:

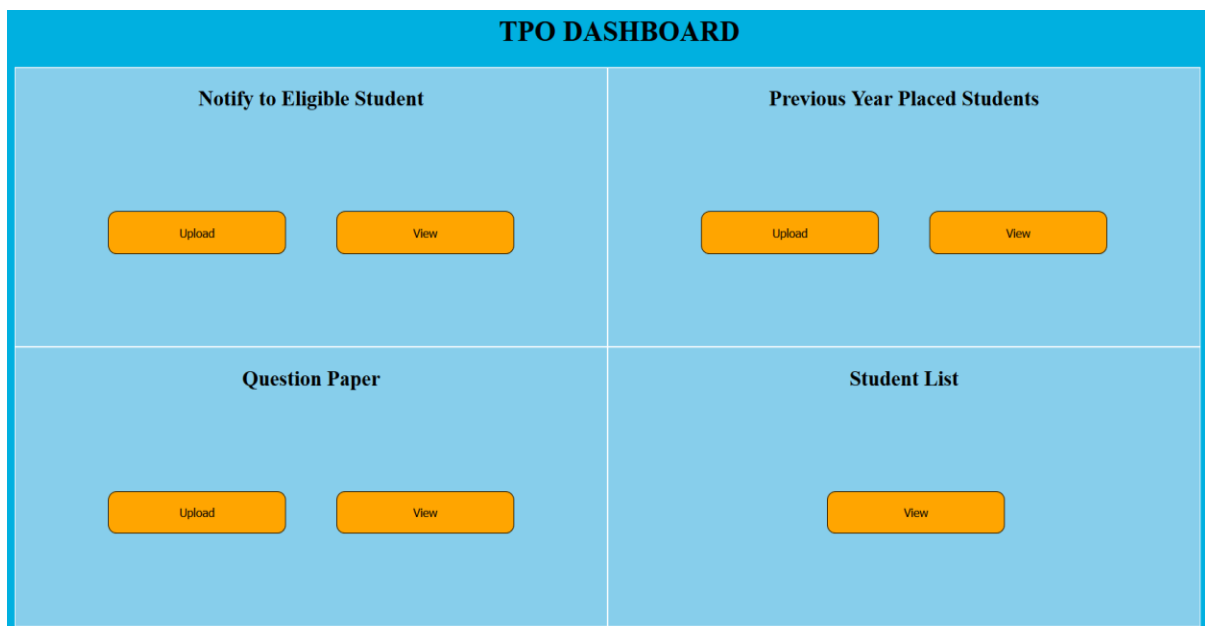**Fig.2.1 Student Registration Page**

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Student can create their profile by entering their personal, academic information and can build their resume. After completing the registration, students can update or edit their profile whenever they want. Student can directly apply for the internships and jobs. They will come to know about upcoming company through notification and student can apply to the Company if student is eligible to the company. Student can view the previous year placed student'sinformation.

Fig.2.2 Student Login Page

3.   TPOMODULE:

Fig.3.1 TPO Dashboard Page

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Training and Placement Officer (TPO) is the main module of this application. TPO is able to view the student's details ofall departments. TPO can upload previous year question papers of companies, all the details of companies; also upload previous year placed student's details. Company's registration links for a job post are provided in this application and students can directly apply. TPO can sort the eligible students according to the criteria of particular company and can directly notify them. TPO can generate report of the students department wise. TPO can sort the information based on therequirement.

Fig.3.2 Notify to Eligible Students

IV. FUTURESCOPE

We will add other authorised person of the college (Principal, Vice-Principal, Head of Department, Soft-Skill Trainers). The communication wall will be provided between authorised persons and students for more better communication. TPO will provide online test series for aptitude, logical reasoning, English and technical(c, c++, java, python) and also provide the tips for group discussion and personal interview.

V. CONCLUSION

In this paper, we are trying to introduce an android and web application for Training and Placement Cell. This application will help authorised person and students to communicate with each other. Students can get the information regarding the upcoming campus on time to time. Also The important thing is that student's data and TPO can find the eligible students for the drive. Hence overall, it will make the interface between students, college and companies.

VI. REFERENCES

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