# A Web-based Career Spot for Placement Activities and Data Analysis

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**Abstract** – This Placements & Aptitude System is a smart web application which helps students to find easily information about recruitment process of different companies which are registered in the application. In this application, admin will add companies' information and update that data on consistent basis according to companies' process. Also, users can prepare for aptitude test by section wise also companies pervious recruitment process questions so student can easily get the idea of placement process.

In addition, they can practice different sections of each round and easily get analyzed result that will show which areas they have to improve and suggest companies.

*Key Words*: Placements & Aptitude System, Data Analysis, Aptitude Tests, Companies.

## 1.  INTRODUCTION

The use of Internet and the World Wide Web has revolutionized the provision of information and the facility for the user to take action on the information obtained. As placement is a big concern for everyone Engineering students with the skills they have, students have to face a lot of difficulties. This system can play a vital role for students to get placed such that according to the company criteria and based on the skills of students. Also, based on the result of the aptitude test, results of the student will be analyzed, and a company is suggested to the user. Also, they can get to know that which aptitude section they have lack of knowledge and improvement is needed in which section so that they can improve that section by practicing it. Notification related to Students tests and companies will be shown on its notification panel.

## 2.  AIM AND OBJECTIVE

The application main aim is to unite the students and companies on a platform so that the searching of jobs will be easy for students according to their skills and knowledge. The objective of this web portal is to manage the details of the students result analysis, their technical skills report in a graphical form.

To avoid the problems arising in the existing system we are developing online training and placement system to make interactive, automated and effective work of Aptitude test in categories form.

## 3.  LITERARTURE SURVEY

In [1] they had proposed a system that can be used as an application to manage student information to related placement. The system handles student as well as company data and efficiently displays all this data to respective sides.

In [2] they worked for achieving maximum placements for students through dedication, attitude and complete involvement. The cell conducts training activities for the final year students mainly focusing on career planning.

In [3] they proposed a system which is an application to facilitate students in Sanjivani Institute to register themself for placement, access visited company information, search and apply for jobs. TPO provides approval of student registration and updating, sending email to the eligible student, feeding the notification.

In [4] proposed that this project is used for the placement Officers in the college to manage the student information with regard to placement. It reduces the manual work and consumes less paper work to reduce the time.

## 4.  FUTURE SCOPE

The web portal is user friendly, cost effective and applicable in real-time. The main aim of this system that it will provide platform for student and company. Also help to conduct pre-placement activity such as resume writing, group discussions. For the placement, clearing various

round is important. This portal will help student to prepare because it having the feature that it will provide mock sections like technical interview, HR interview, Manager interview and group discussions so they can practice it and place in company. On the other hand, it will provide internship opportunity to student on the same platform so they don't need to search various platform for placement and internship.

## 5. PROPOSED SYSTEM

The proposed web portal for placement meant to give more easiness to the users that they can view and retrieve information so quickly.

There are mainly two types of users they are administrator and student. The administrator is the master user; he gets the greatest number of priorities than the other users. The different functions involve the case of an administrator are updating, approval, sending information to the students regarding company. The administrator can view and approve the various company. Students can register and view the details of company. The proposed placement portal is intended to avoid all the drawbacks of existing system. It will add some more features than the existing system. The proposed system is a cost-effective way of doing the manual processes done in the existing system. This system helps users to win the war in the existing competitive world. The proposed system is intended to do the following:

• Online practicing: Traditionally preparation for company requitement process is manually. Users will not get the proper way of training aptitude section. Due to which they need to search for different platforms. But this was too much time consuming also erroneous.

• Gap between placement department and student: The only method for notification until now is by notice board which is not reliable. To countermeasure this problem the notification view on only one platform.

• Result analysis Process: After the test Student aptitude test will calculated directly so student can't view which section, they score less marks or they need improvement. Also, they don't know about process by test wise.

**Flow Diagram:**

This is the flow diagram of this web portal that will represent how the website will work and what are the functions and responsibility of the user and the admin also it will show how this website is working.
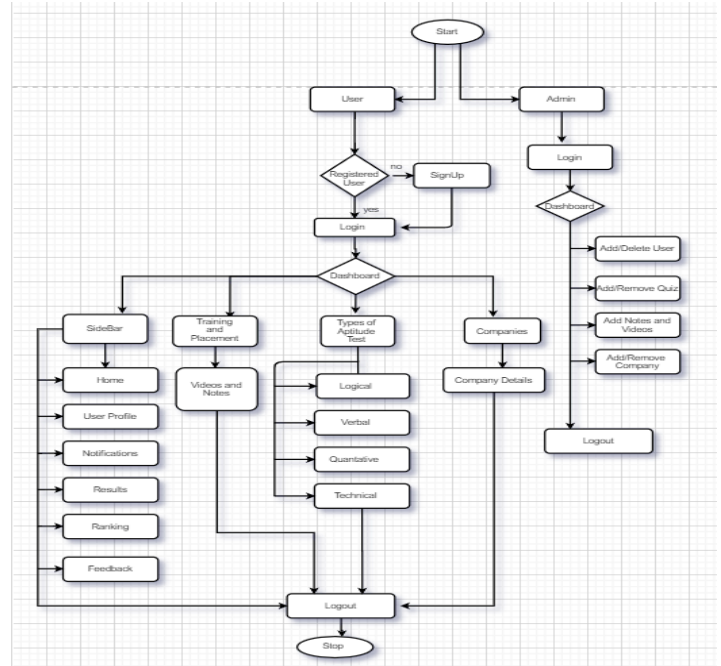


Fig.1: Flow diagram

## 6. METHODOLOGY

1. In Aptitude section we will analyze result of each student according to aptitude different sections like logical, qualitative and it will display which sections have to improve.

2. According to result analyzed area to improve and suggest area of interest also companies post

3. First, we analyze student time spend on website and then we will show time spend according to daily Weekly and monthly basis.

4. At the end of the aptitude, we will analyze which questions how much time they will required to solve based on different aptitude section.

## 7. CONCLUSION

This Website is user friendly, time and cost effective for student those who are going to face placement rounds. Also, this will help to prepare placement rounds according to company's requirement. In addition, they can practice different sections of each round and easily get analyzed result that will show which areas they have to improve and suggest companies.

## 8. REFERENCES

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