Synopsis of Training and Placement System

PROJECT OBJECTIVE

The main objective of the placement management system is to reduce manual work and time. It is difficult and time-consuming to collect all the details from each student. To avoid this problem we have planned to develop a web-based placement management system.

- ❖ Easy to find out the list of eligible students attending the drives.
- ❖ It manages the details of student records, placement training, different placements happening in and out of the college.
- ❖ Saves the time of placement officer and faculties.
- ❖ Reduces the manual works.
- ❖ This system makes student information more secure

Preliminary Business Requirements

The objective of the department is bridging the gap between industry and academia, through mutually exploring the opportunities for students, institutions, professionals and the corporate world at large towards better growth and development. Institutions of higher learning need a robust interface with the industry in order to maintain the relevance of the programs offered. The Training & Placements system continuously interacts with the industry for projects, internships, and placement activities for the successful student community of the college, besides providing continual improvement and inputs on ever-changing requirements. The department focuses at understanding the requirements of the corporate and then develops the abilities of our students and guides them in getting proper information about the market changes, industry expectations, nature of opportunities, salary structure, industry openings, on-campus and off-campus interviews for internship, projects and placements, career counseling and career development preparation. The system has a strong corporate backup sponsored by effective alumni members.

The demand for online training and placement has increased over time due to COVID-19 pandemic and lockdown situations.
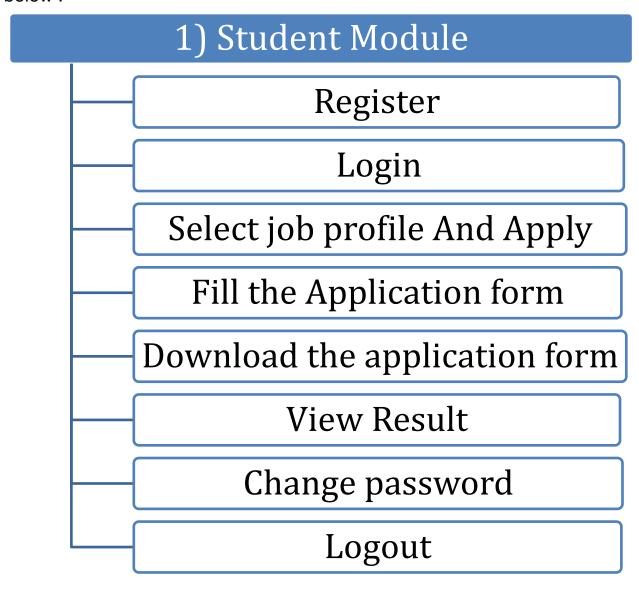
PURPOSE

Placement Management System manages student information in the college with regard to placement. It improves existing system .It has the facility of maintaining the details of the student, thereby reducing the manual work. It will save time and energy which are spending in making reports and collecting data. Placement Management System can be accessed throughout the college with proper login provided.

SCOPE

The project has a wide scope. Our project mainly helps in improving productivity and makes use of utilization of resources. There is no duplication of work as this was not the case when done manually. Thus it reduces labor and increases morale. The system intends user friendly operations which may resolve ambiguity. The project is a total management and informative system, which provides the up- to-date information of all the students in the college. Our system also help the college to overcome the difficulty in keeping records of hundreds of students and searching for a student eligible for recruitment criteria from the whole thing. It helps in effective and timely utilization of resources. The project facilitates user friendly, reliable and fast management system. The placement officer itself can carry out operations in a smooth and effective manner. They need not concentrate on record keeping. The college can maintain computerized records thus reducing paper work, time and money.

Outline Description of System

The system consists of 3 different modules namely Admin Module, User Module and Company Module. The details about these modules are shown below :

1) Student Module

- Register
- Login
- Select job profile And Apply
- Fill the Application form
- Download the application form
- View Result
- Change password
- Logout

2) Admin Module

- Login
- Verify Students Details
- Edit/ Delete Students Details
- Add Batch
- Send bulk SMS
- Send Bulk email
- Filter Students
- Logout

3)Company Module

- Register
- Login
- Fill Job details
- Select Exam date
- Publish Result
- Download Report
- Change Password
- Logout

Intention

To assist students to develop and clarify their academic and career interests, and their short and long-term goals through individual counseling and group sessions, we have the following intentions.

We maintain and regularly update the database of students. Also maintaining a database of companies and establishing strategic links for campus recruitments is a goal. We Gather information about job fairs and all relevant recruitment advertisements. We coordinate with companies to learn about their requirements and recruitment procedures. We identify the needs and expectations of the companies to assist them in recruiting the most suitable candidates. We organize pre-placement training/workshops/seminars for students. We arrange periodic meetings with the Human Resources Department of companies and TPO's to promote our institute. We collect feedback from employers where our students are selected. We also assist students for industrial training at the end of the fourth and sixth semesters. We assist employers to achieve their hiring goals. We provide resources and activities to facilitate the career planning process. We act as a link between students, alumni and the employment community. We assist students in obtaining placement in reputed companies.

Worthiness

Yes

Economic Feasibility

Our project is economically feasible because our estimated sum should be between 50000 to 1.5 lakh. The details are listed below :

Domain Name	Rs. 199-1000
Website Hosting	Rs. 2000-10000
SSL Certificate	Rs. 500-2000
Website Theme	Rs. 0-8000
Mobile Responsive	Rs. 1000-5000
Logo	Rs. 500-6000
Images	Rs. 500-2000
Ecommerce Functionality	Rs. 2000-8000
API Integration	Rs. 1000-7000
Banner	Rs. 500-2000
Website Content	Rs. 200-800/page
Live Chat Features	Rs. 500-2000

Time Feasibility

Our project should take approximately 8 months.

Actions	Time
Synopsis	1 week
Planning	3 weeks
Design	2 months
Coding	2 months
Testing	3 months
Total	Approx. 8 months

Technical Feasibility

Minimum system requirements (Laptop/ Smartphone/Tab) for Our Software-

- Processor: 1 GHz or faster with two or more cores on a 64bit or system on a chip (SoC)
- RAM: at least 2 GB.
- Storage: at least 64 GB of available storage.
- Graphics card: Compatible with DirectX 10 or later, with latest driver.
- Display: High definition (480p) display or higher.
- Browser Supported : All (recommended -Google Chrome , Firefox, Edge)

Operational Feasibility

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

Software Specifications

- HTML 5
- CSS
- JDK 1.8
- NetBeans 8.0.2
- MySQL5.5
- SQLYog

CONCLUSION

Maximum work goes manually in the present placement system which makes it take time to avail changes. This includes main problems like searching for the data of students and sorting them along with it. Also, updating student data is a cumbersome job and does not have a method to notify the student in time which makes the management of the placements very difficult. In the proposed system, all of these problems become automated. The registration of the student for an upcoming placement, the addition of a new user, notifying students, sharing information, the privacy of the student, etc is all met. The admin validates the information and gives the student list based on the criteria required which otherwise would have been very difficult to manage