

Online Training and Placement Management System

Gidde Tushar Suresh¹, Shaikh Tahura Sikandar², Nagarale Shreyas Siddarth³, Kamble Pratik Mahendra⁴, Biradar Sunil Hanmant⁵, Shahid Mulla⁶, Mr Divate Chandrakant Pandurang⁷

ATS Sanjay Bhokare Group of Institute Miraj
Computer Engineering Department,
Maharashtra, India

Abstract: From a student's perspective, placements can bring a wide range of benefits and opportunities. Training and management of placement is a crucial part of an educational institution in which most of the work is done manually. Manual system in the colleges requires a lot of manpower and time. With this project we aim to develop a web portal to solve this issue. The project is aimed at developing an application for the placement department of the college. The system is an application which will be accessed and effectively used throughout the organization with proper login enabled. It can also be used as an application for the Placement Officers in the college to manage the student information about placement thus reducing the manual work and consumes less paperwork. The system also provides the facility of viewing the personal and academic information of the student. The system gets the requested list of candidates for the companies who would like to recruit the people according to their eligibility criteria. Laravel framework is used to facilitate the process of making the program.

Keywords: Training and placement system, php, xaamp, web-application.

1. INTRODUCTION

The project is aimed at developing an online web application for the training and placement department of the college. The system is an online web application that can be accessed throughout the Institute with proper login provided. This system can be used as an application for the TPO of the college to manage the student information with regard to placement and training. Student logging should be able to upload their information. Organization's representatives logging in may also access/search an information put up by the students. TPO have to collect the information and manage them manually according to various streams. If any modification is required that is also to be done manually. Overall it will reduce the paper work and utilize the maximum capability of the setup and organization as well as it will save time and money of collage Sanjay Bhokare Group Of Institutes

2. Literature Review

1 Placement Management System for Campus Recruitment Ajeena Sunny¹ Aneena Felix¹ Angelin Saji¹ Christina Sebastian¹ Praseetha V.M² 1UG Student, Dept. of CSE, SJCET, Palai, Kerala, India 2Associate Professor, Dept. of CSE, SJCET, Palai, Kerala, India

2 Online Training and Placement Management System Santhosh Kumar H Mtech Scholar 4th Sem, Department of CSE AMC Engineering College Bengaluru, India Mrs. Srividhya V R Assistant Professor, Department of CSE AMC Engineering College, Bengaluru, India

3. Web Based Placement Management System Anjali.V #1 , Jeyalakshmi.PR*2, Anubala.R#3,Sri Mathura devi.G#4,Ranjini.V#5 # Computer Science Department, Saranathan College of Engineering, Venkateswara Nagar, Panjappur, Trichy-12.

4. COLLEGE PLACEMENT MANAGEMENT SYSTEM Maryam Sayyed, Faiza Umatiya, Seemab Zehera, Prof. Shiburaj Pappu 1Student, 2 Student, 3 Student, 4 Assistant professor 1Computer engineering dept. RCOE, 1Rizvi College of Engineering, Mumbai, India

5. Research paper on E-Learning Application Design Features using Cloud Computing & Software Engineering Approach M.R.M. Veeramanickam Research Scholar, Department of Computer Science Engineering, Karpagam University, Coimbatore, INDIA. Assistant Professor, Department of Information Technology, Trinity College of Engineering and Research, Pune, INDIA. manic.veera@gmail.com Dr. M. Mohanapriya Professor & Head of Department, Department of Computer Science

3. Problem analysis and Likely Benefits based on Literature Reviews

In colleges the records were stored in excel sheets hence sorting the data is always a problem. The excel sheets are also less advanced. Hence sorting and searching problems arises. Updating Records is another tedious task. Due to the above problems the updating was very difficult and ambiguous. Data redundancy also occurs due to the duplication of files and records. The files were not stored in a hierarchical format, hence searching the eligible students was the greatest problem. The placement officer has to find out the eligible students by looking at the excel sheet. He/she has to see the marks of every student and their eligibility.

4. Objectives

1. To provide recruitment to students:

Student recruitment should be recognized as a key component in the sustainability and success of an institution and must be a prime responsibility of an institution's strategic plan. Equipping the Training and placement office to recruit the qualified students and the right number of students is critical to the long-term sustainability of an institution, and IT plays an important role.

2. Planning and organizing various Placement drives in campus:

Students should use the fair in order to grab the opportunity understand what companies are looking for in candidates and what skills are vital for their future roles. Career/Job Fairs are a valuable opportunity to hone networking skills and gain practice in articulating their value to a prospective employer.

3. To Provide Training to students:

Student can also do some apply for training programs for placements.

4. To get knowledge about php and MySQL database

5. Methodology Used:

• Module 1 TPO (Training and placement officer)

TPO Module the TPO Module has the authority to manage various functionalities of the system. This module will be handled by an Admin (say Training and placement Officer) who has the authority to:

- Approves and then add recruiter company details.
- Approves and then add training company details.
- Provides authentication for registered students.
- Add new feed.
- Update company data.
- Add, view, update or remove students, recruiter company and training company

Overall records of the students will be presented over the portal like the data of all placed and unplaced students which will reduce the bottleneck of confusion among students.

• Module 2 Student user

Student Module This Module consist of a login option and registration window for unregistered students. Students will use their choice of username and a proper specified length password. The functionalities provided in this module consist of:

- It helps the students to update their details anytime.
- The students would be able to view the company requirement.
- The student will be able to view and enroll for trainings.
- Students will be provided with a link to apply for the company if eligible.
- Previous Years placement paper and material is also provided.

Students can see the complete profile of the company. Such as recruitment procedure history CTC offer and the working environment

• Module 3 Recruiter Company

This module will provide an access to a recruiter company to interact with the system. The user will be the companies visiting the college for recruitments. Here, the user will be provided with valid user id and password by the TPO Module.

- Companies would be able to update their details like job profile they offering, requirement criteria and other information related to the recruitment drive.
- The company after updating the information will be able to view the form containing text fields such as minimum percentage required, year gap allowed and the backlog history.
- According to the given criteria the students are sorted and a list will be generated.
- Therefore, the user will be able to view the student's data and a list of eligible students.

• Module 4 Training Providing company

This module will provide an access to training company to interact with the system. The user will be the companies visiting the collage to provide training to students. Here the user will be provided with valid user id and password by TPO Module.

- Companies would be able to update their details like courses they offering, price and other information related to the training.
- The company will be able to add, remove, update courses.
- The company will be able to view list of students enrolled to particular course.

6. Facilities Required

Sr. No.	Name of Equipment	Specification	Cost	Available
1	Laptop / Desktop	I5 processor, 4 GB RAM, Mouse, 500 GB HDD	Rs 40000	Yes
2	Operating System	Windows 10 proper setup	-	Yes
3	Visual studio code	17.0	Free	Yes
4	Xampp server	3.2.3.0	Free	Yes
5	Proper php setup	Proper setup in vs code	Free	Yes
6	Firefox/Chrome	Latest version	Free	Yes
6	Localhost	80 or 3306 port	Free	Yes
7	HTML, CSS, JS, PHP	Latest version		
8	jQuery			
Total			Rs 42318	

7. Feasibility Study

Feasibility study is a preliminary study undertaken to determine and document a projects Viability. The term feasibility study is also used to refer to the resulting document these results of this study are used to make a decision whether to proceed with project of table it. If it indeed leads to a project being approved

A. ECONOMIC FEASIBILITY:

The economic feasibility study evaluates the cost software development against the ultimate income or benefits get from the developed system. There must be scope for profit after the success completion of the project.

B. TECHNICAL FEASIBILITY:

Technical feasibility study compares the level of technology available in the software development firm and the level of technology required for the development of the product. The level of technology consists of the programming language, the hardware resources, other software tools etc.

C. OPERATIONAL FEASIBILITY:

Operational feasibility study tests the operational scope of the software to be developed. The proposed software must have high operational feasibility. The usability will be high.

8. Conclusion

Increasing need of comfort and inculcating all the data at one place has always been a challenging process for everybody. With the introduction of this web-based training and placement portal we promise to make the lives of students and administration a little easier by proposing an alternative for the current system being used. Easy accessibility and functioning of this portal will allow easy management of the allocation process during placement period. With the increasing demand of digitalization in every aspect of day-to-day activities we can anticipate the great demand for such portals in the near future and the comfort it will bring with it to the lives of all. Also, the rapidly increasing concerns of global warming due to increase deforestation for large amount of paper that it requires we here have a minor role to save Mother Nature. So, we hope all of you can sit back and relax and enjoy the luxury of Digitalization. More so in this busy and exhausting life we are saving one of the most crucial factors that keeps us running that is human energy.

References

- [1]. Anjali.V, Jeyalakshmi.PR, Anubala.R, SriMathura devi. G, Ranjini.V, "Web Based Placement Management System", International Journal of Computer Science and Information Technologies, Vol. 7 (2), 760-763, 2016.
- [2]. Mulla Kajal, Mahadik Awanti, Pandharpatte Sonali, Kalantre Rashmi, Bansod Swapnali, "Online Training and Placement System" International Research Journal of Engineering and Technology (IRJET), 2016.
- [3]. Rupali Komatwar, Swapnil Kamble, Mihir Khedekar, Kishor Walzade, "Placement Support System" International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 1, January 2016 Vol. 5, Issue 1, January 2016.
- [4]. Sanket R. Brahmankar, Rahul S. Ghule, Shubham K. Chavan, Landge D. Ashish, Pavan D. Borse, "A Survey on Android App for Training and Placement cell", IJARIIIE-ISSN(O)-2395-4396, Vol-1 Issue-4 2015
- [5]. G. Kumar, "Training Placement Activities in Context with Industry – Institute Interaction", International Journal of Emerging Research in Management &Technology ISSN: 2278-9359 (Volume-4, Issue11) 2015.