Placement Management System

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Abstract - *Placement is the critical part of any education association in which maximum work till now is being accomplished manually. This system will include minimal man-made work and uttermost optimization, abstraction, and security. This is a web operation that will help scholars as well as the directorial administration to carry out every exercise in this service. The design is a web operation that can be penetrated and successfully used throughout the association with applicable login enabled. Student should be able to upload their personal and educational information in the resume. The significant feature of this project is that the system is one-time registration enabled. The placement management system is evolved with HTML, CSS and JavaScript for the frontend and PHP and MY SQL for the backend.*

Key Words: Admin, Authorization, Placement, file system, Management system, Web Development, Wi-Fi.

1.INTRODUCTION

The significance of the device is growing gradually. Thousands of applicants are depending placement cells, but the candidates are facing so many problems. The project is an effort to minimize the problems of a candidate to discovery a correct job and to make an online system for easy and hassle-free application for applying for the job. And the data would be stored automatically and wouldn't have to update manually which would reduce the manpower required. The essential goal of this project is to aim at developing an internet utility for the "Placement Management System" of the college, in which placement administrators can acquire information of all college students on his console, he can send emails to college students informing them about placement activities. The system aims to produce an online website for colleges. Placement institute is maintained through paper systems, databases, spreadsheets and email communications. The project proposes the ability of maintaining the details of the students. It decreases the manual work and uses less paperwork to reduce the time. In today's modern, sophisticated and fast world, Online Placement Cells have become a medium of communication among internet users. On the one hand, it's educational, accessible and profitable. This Cell focused on building online communities of people consuming shared interests. Placement Cell has common themes of providing the best jobs. The System provides the ability of viewing both the personal and educational information of the student and company it can also pursuit for eligible students. Eligible students will receive an email including the details of the company and also, they will receive an SMS on their registered mobile number. The software retrieves this data and displays it as per the user requirement. In a manual placement management system, all the work is performed by human involvement. Thus, there is a maximum possibility of errors. The records are not kept in hierarchical form. Hence, searching for specific data becomes a complicated task. Updating certain information is problematic and ambiguous which may lead to data redundancy. The traditional system where students, as well as training and placement officers, may face many difficulties like lacking of details, less security, complications with manual working, etc. The System is a website that aims to overcome the drawbacks of the traditional placement system. Due to the increasing popularity of automated systems, which are now at the highest position, as a result, many manual processes have been automated. This has led to the development of educational infrastructures that are now fully automated. Every course of action in the existing system is carried out manually. The university's coaching and placement officer needed to appearance up all of the information of preceding years for even minor details. This was once uninteresting and extra onerous than it sounds. This will become extra intricate while the variety of college students will increase every passing year. Similarly, not all students are aware of the placement updates by the training and placement officer of the institute, thus they may lose a chance to grab a seat for a job interview. However, there is no chance of missing the placement opportunity updates as it will be automatically updated on the website when the company registers. The college placement officers will not have to collect the information of every student individually. The system helps the college to maintain records of current and previous students also. The projects on placement management systems will help to overcome all these problems.

2. OBJECTIVES

The main objective of the Placement Management System is to manage the details of the Student and Placement Cell, to reduce manual work and time.

- To offer recruitment to applicants.
- It handles all the data about CGPA Mark., Placement Cell.
- Editing, inserting, and updating data is enhanced which results in proper management of information.
- Reduce the paperwork, manual work and create a database of the student.
- Placement management system makes students' data more confidential.
- It handles the details of student details, placement training, different placements scheduled in and out of the college.
- The students can also upload PDFs of resumes.
- Lot of time is saved & workload for training and placement company is also reduced.
- The website is very easy to access.
- It avoids all the bogus entries.

The recruitment of the students must be acknowledged as an important component in the sustainability and accomplishment of an institution and must be a crucial duty of an institution's strategy. Computer-centered information systems are intended to improve the present system. The admin notifies the student via E-mail notice. It advances the existing system. It can maintain the students' details. It will diminish the paperwork and make use of the maximum abilities of the system and organization, and also it will save time, energy, and money which are spent in creating reports and collecting statistics. Can be retrieved all over the organization with appropriate login provided. It manages student records in the college concerning placement.

3. SCOPE

The placement management system has a wide scope. Our project mainly helps in improving productivity and makes use of the utilization of resources. Replication of work is not present, as this was not possible when done manually. Thus, it reduces labor and increases morale. The system aims for user-friendly operations which may resolve ambiguity. Records of all the students are stored. Numerous companies can access the information. Students are able to maintain and can modify their data. Also, they are notified by sending information about the companies. Applicant can access past placement data. This design is about the general administration and usage system that offers the updated information of all students of the university. To overcome the trouble, in keeping records of thousands of students and searching for an eligible student for recruitment, in this our system has been very helpful for the college. It helps in the effective and timely utilization of resources.

The placement management system has a huge scope as it includes the following features which help in making it easy to use, to understand and to alter:

- Placement Procedure is automatic.
- Paper work is not required.
- By using paper-free work we can save the environment.
- To increase the correctness and productivity of the placement procedure.
- It Analysis all over the Placement.

4. EXISTING SYSTEM

The traits of the earlier working model and their drawback are described in the existing system. The existing system does all processes manually. Placement officers record the data of students. If any alterations or updates are necessary in the profile of any student, it has to be done manually. This is tedious and time-consuming, lacks the security of data, took more manpower, consumes a large volume of paper and space. When the number of users increases, then this method is very problematic. In the previous system placement officer has to collect student details for placements. Approving those student details takes a lot of time. The internship coordinator and the students should seek advice directly if information is required. If any new company comes for placements, the placement officer and his staff have to search the student details. And also, they have to find research qualified student for that specific company placement. Searching for eligible applicants takes lots of time. In addition, data from candidates can occasionally be lost.

Disadvantages of Current System:

- It takes so much time for a placement officer to collect students' details and approve the details provided by them.
- Poor communication between students and placement officer, so here suggesting about new placements is a hard task.
- Students may not know about company details. Also, the communication is poor that provides a problem.
- Candidate may not get required information if concerned training and placement officer is not at the desk.

5. PROBLEM DEFINITION

Students select such a college where the placement is going to be held. There is a need to maintain all the papers, causing large amount of space. All this is done manually, hence there is a chance of missing, difficult to handle the details of student. As soon as we list out the limitations of the problem, we divided the solution into numerous parts, which can be changed during the development of this project:

• Online Placement: Students select such a college where the placement is going to be held, there is a need to maintain all these papers, causing large amount of space. In manual all the work is done by human intervention due to which there is a maximum chance of errors. With our project placement system will take place online. This will make a very easy platform for the students to get more chance of getting jobs.

• Easy for Admin: The administrator should refer all the records kept for years ago to simply know details. This is dull and inefficient. This method is very hard when there is an increase in the number of students. Our project will make the process so easy for the admin for getting students detail, adding companies, managing the placement system.

• Less time consuming: The boundary of student and placement officers is maximum, which creates the system time consuming. Since, currently records are stored in online platform it makes easy to get proper records.

• Reduces manual work: There are many files and paper work hence searching is a big problem due to this the updating is very difficult and ambiguous this leads to the duplication of records. Our project will reduce manual work hence, less errors.

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6. METHODOLOGY

This System is for the students and the companies which maintains the record for the students, where all the students' data are inserted including their academic details and their personal details. It will also handle the information of the Company which would include the profile of the Company, eligibility conditions and the facilities or the package it provides etc. Afterward when our examination finished on this particular topic, we discussed about it, clearing all difficulties we had of how we should start the work, what will be the requirements, goals, etc. We make a rough document of whatever research we did. Also, we go through many already existing systems. After gathering the necessary information on how our project will develop in general. We started with the planning of our project. Similarly, along with the coding and implementation we started designing the diagrams of software and technical designs with their specification. After completing the system coding, we had started the testing. Far along on, it became ready for the concluding result and advantageous for the company as a website of Placement Management System.
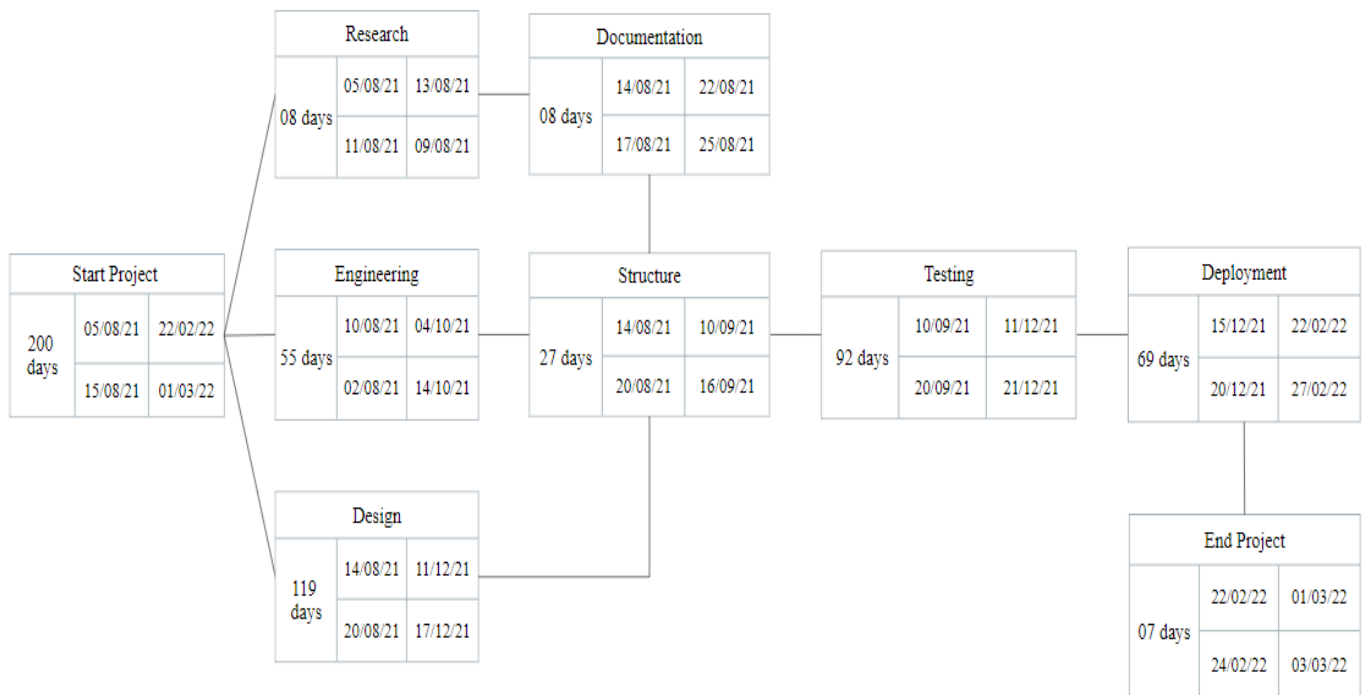
Fig -1 Pert Chart for Placement Management System Project

3. CONCLUSION

This paper states that our project provides the facility of maintaining the details of the students in a database. It also gives a requested list of applicants for students to be recruited based on their qualifications criteria along with the complete company details. Administrator logging in might also search any information put up by the students. The administrator has access to the user's information and can authorize them. This project will help the college to keep complete information about students. This will also benefit in rapid access actions in placement related activities. In the existing system most of the work is done manually, as it takes more time for any changes in the system. Data management and maintenance is a challenging task. All paperwork maintained by Placement officers must be referred to for extra work, and the document must be kept up to date. This will require an enormous quantity of time and money. The proposed system will be intended to address the faults of the existing system. The proposed system will make data retrieval and updating for placement easier. It was proposed to solve as requirement. We are attempting to reduce staff work pressure by providing information on students who have been placed, sending notifications to students about companies, making data easily accessible, and making data easy to obtain that maintain history of company and student. The website is extremely simple to use and convenient. In most cases, the college's placement coordinator has a lot of issues to deal with in terms of management, Information about the students. Altogether this information must be handled manually. The information provided is the most up-to-date and exact information on the student's personal and academic information. It also displays the state of the student's placement. So, no students will miss out any data. The placement management system automates all aspects of campus recruitment, including searching for individual student information. The system is functioned at a high level of productivity and all the job pursuers and user associated with the system knows its benefits.

REFERENCES

[1] Santhosh Kumar H, Mrs. Srividhya V R, 2016, "Online Training and Placement Management System,' INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) ICACT – 2016 (Volume 4 – Issue 22).

[2] Maryam Sayyed, Faiza Umatiya,Seemab Zehera, Prof. Shiburaj Pappu "COLLEGE PLACEMENT MANAGEMENT SYSTEM," International Journal of Creative research thoughts (IJCRT), Vol. 8, issue 6, June 2020.

[3] 1SPOORTHI M S, 2KAVANA V, 3KOUSHIK S N, 4VEENA M, "A Review on Placement Management System," International Journal of Creative research thoughts (IJCRT), Vol. 9, Issue 7, July 2021.

[4] Ajeena Sunny1 Aneena Felix1 Angelin Saji1 Christina Sebastian1 Praseetha V.M2, "Placement Management System for Campus Recruitment," International Journal of Innovative Science and Research Technology, Volume 5, Issue 5, May – 2020.

[5] Anjali.V #1, Jeyalakshmi.PR*2, Anbubala.R#3, Sri Mathura devi. G#4, Ranjini.V#5, "Web Based Placement Management System," (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 7 (2), 2016, 760-763.

[6] Charlotte Katwa1, Kashmira Sanjana2, Pooja Parmar3, "Final Year Placement Management System," International Journal of Scientific and Technical Advancements (IJSTA).

[7] K. G. Patel 1, C. K. Patil 24, "STUDY OF IMPLEMENTATION OF ONLINE PLACEMENT SYSTEM," International Journal of Advanced Technology in Engineering and Science (IJATES), Vol.No.4, Issue No.03, March 2016.