

Student Placement Platform Using PHP

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Abstract- In current system, TPOs have to collect the information and CVs of students and manages them manually. The objective of this project is to develop a web application that can be used by placement cell of a college. The purpose is to design a web application that provides functionalities to perform the activities related to placement services such as displaying student and company details to each other and interface for communication between company and student is our TPO. Student Placement Platform provides three distinct modules for students, placement officers and HR. It enables students to login and view their academic and personal details. They will have their portals to update information as necessary and can view recent and upcoming job postings on their dashboard. Whereas, the Placement Officers will be able to utilize it to manage the student data as well as the hiring company's data concerning the available jobs. The benefits of the system will be to provide enhanced facilities and assemble all the placement related tasks carried out on various platforms to a single application. This will give both the placement officer and students an accurate communication channel and reduces repetitious work that has to be carried out. Additionally, email alerts can be provided to students in case if any new activity takes place which ensures that no important announcement is missed.

Indexed Terms- Database, Student information, TPO, Company, Placement Management, HTML, CSS

I. INTRODUCTION

In today's date campus recruitment is common in all colleges yet the drive brings a lot of stress to students as well as placement officers. Various software and other sector companies are conducting campus

selections for choosing merit candidates. When campus selections are conducted the students are to submit their details to the concerned placement officer to apply for the hiring process. This routine process is maintained manually, like gathering student details and shortlisting eligible students based on company criteria. Traditionally, all important information is displayed on the notice board as a result many students are not able to get the information within the time limit. Moreover, students manually submit their details, thus there are chances of errors or students failing to update their information on time. Hence, there is a requirement to computerize the system to reduce the chances of error and provide more efficiency. The admin module plays an important role in our project. They provide validation of students' registration and updating of details. The admin will be able to see the students registered for any particular company and their status.

II. LITERATURE SURVEY

In [1] Suraj Trimukhe, Anil Todmal, Kanchan Pote, Monali Gite, Asstt. Prof. S.S. Pophale "Online Training and Placement System (IRJET)" - In this paper author focus on Online Training and Placement, it has become need for each and every student, but for that they need to travel worldwide in searching of jobs. It is very difficult to maintain coordination between student and companies and it is also time consuming, in [2], Hitesh Bhavsar, Ramchandra Kawale, Prof. Prashant Sawant, Asst. Professor "Online Aptitude Exam Generation System" - In this paper author focus on Online Aptitude Exam Generation, This System is smart enough to find the student level within short interval of time and to produce the accurate result. The main feature in this system is the concept of timer, timer is to be added to every question for analyzing the answer to set to the level of the paper.

In [3] Anjali.V, Jeyalakshmi. PR, Anubala. R, Sri Mathura devi. G, Ranjini. V “Web Based Placement Management System” - In this paper author focus on Web Based Placement Management, The system is an application that can be accessed and effectively used throughout the organization with proper login enabled. This system can be used as an application for the Placement Officers in the college to manage the student information with regard to placement.

In [4] K. Anand , Rethesh D, J. Hemalatha, S. Karishma, R. Logeswari “Application for Training and Placement Cell” - In this paper author focus on Training and Placement Cell, This system can help the placement officers to provide the information about upcoming companies. The students will be alerted via a notification

In [5]Prof. Haresh Barapatre, Prashant Hadapi, Monish Lokhande, Pritam Tare “Online Aptitude Test”- In this paper author focus on Online Aptitude Test, The purpose of on-line aptitude test system is to take online test in an efficient manner and no time wasting for checking the paper. In [6],Dr. S. B. Vanjale, Rahul Kumar Modi, Supreet Raj, Akshit Jain “Smart Training & Placement System”- In this paper author focus on Smart Training & Placement, This system can be used as an application for the Training & Placement Officers in the college to manage the student information with regard to placement and providing assistance using the assistance portal where students can post their query to the TPO and coordinators. In [7],Pratik Bhavsar ,Prof. Priya Surana, Kaustubh Aphale , Alvis Ingle , Parijat Kawale “Survey on: Training and Placement Automation System”- In this paper, the author focused to provide a detailed survey of different Training and Placement Automation Systems by analyzing parameters like technology, scope, feasibility, security and efficiency of the system.

In [8], G. Kumar, proposed one system on “Training Placement Activities in Context with Industry – Institute Interaction”, The placement cell holds the objective of connecting students of the institute with different industries. The placement cell organizes several placement activities for students for placement. They had worked on separate domains, are rapidly coming closer to each other. In this

proposed work they provide industry institute interaction. The drawback of the system is industry is not directly connected to the students. it used the interface of institute interaction. In [9], Snehal D. Shriramjwar study on college "Collaboration Portal with Training and placement" is a web Based system. Under this system all students of the current batches of different streams can registered their profiles. The records were stored in modified access sheets and hence sorting problems. The files were not stored hierarchal format and hence searching problem occurs.

In [10], Aditi Gour, Hammad Qazi, Rahul Rajappan " Android Application for Training & Placement Cell" It focuses on provides a better way to make the placement process, less complex and effective for staff and students. In this application MySQL database and Linux server are used for development. the database will be connected to the application using PHP. It is not always easy to access the information which is stored on the server because sometimes the server can be temporarily down.

III. PROBLEM STATEMENT

In present system, TPO will have to maintain all records of students and companies manually, it requires lot of paper work and thus there are chances of misplaced students that means eligible students are not getting chance to apply for company. Thus, there is a need to do this all work in digital way, so our main aim is to eliminate all paper work with one software which will keep all the records and every eligible student will get chance to apply for company. We send a notification to students.

IV. PROPOSED SYSTEM

The proposed system consists of three major modules namely TPO, Student and HR; each module has a different set of tasks to be done. It is more efficient and cost-effective. The system can overcome all the limitation of the existing system, for example, student's data is maintaining in the database, it gives more security to information, guarantees information accuracy, decreases paperwork and save time, only eligible students get chance, it makes data to flow efficiently and paves way for simple report

generation, reduce the space. The Placement Management System is developed as an effort to form a record of company and students by restricting such an outsized database there to a specific class of students or company. The application assists the placement officer to maintain the student data and sort them according to the percentage criteria required for the company and student can review his/her data overcoming the drawbacks of the existing system. The admin is the master user in our project; he gets the greatest number of priorities. It facilitates the placement officer to review the complete data, sort the data according to the percentages, and delete unnecessary data.

The proposed system helps us achieve the following:

- All the notices are provided on a single platform; this overcomes the issue of missing important information.
- The system can be linked to the exam cell to validate the academic details updated by the students.
- Sorting and searching for information as per requirement is much easier.
- Functionalities such as automatic percentage and CGPA calculator can help students eliminate errors

SCOPE OF PROJECT

This project covers a large vary of data of all the students which may be stored within the format of CVs and are classified according to various streams. Various companies can access the data of students and they can maintain and update their information. Notifications are sent to students regarding the companies. Students can access previous regarding concerning.

1. View Student Profile
2. Company Page
3. View recruitment Schedule
4. View selected List of students

MODULES

The system consists of three main modules namely as student module, Company model admin model a listed job, placed student data, lined up company, contact details. The three main modules have provided separated login page where student,

company and admin need to be register first then unique ID and password is created by entering ID password in login page the user should able to login to the system.

- 1) Student module - This module only ment for student which deal with information about student, student login by entering ID password. Student will able to enter personal (CV, Resumes) details onto the system they can edit their personal details by clicking on update details option also they will able to see upcoming company drive information provided by company. Also, they can view study material posted by admin related placement. Change password option is provided to the student if he needs to change his password, after completing task successfully they need to log out from this system.
- 2) Company module - Initially company needs to be login with system. Company can post their upcoming drive details and also, they are willing to see number of registered student details as well as their resumes he can add or update his company details like criteria, job profile, job location, notification etc.
- 3) Admin module - Here, Training & placement officer acts as admin. He can easily handle information about student profile only admin have provided overall rights to access the database or to delete and update any type of information in the system. Admin can contact with the company contact person as well as student. can post study material related to placement for a student.
- 4) Listed jobs - It contains list of companies with all details like job location, salary, job title, and eligibility criteria.
- 5) Placed student data - It include list of Placed students with respective their company name, package and all.
- 6) Link up with Company/HR - Data for link up with company/HR will show here this will help students to get prepared and match the requirements.
- 7) Contact details - In this section it will display the query form, suggestion form, company contact form.

V. SYSTEM ARCHITECTURE

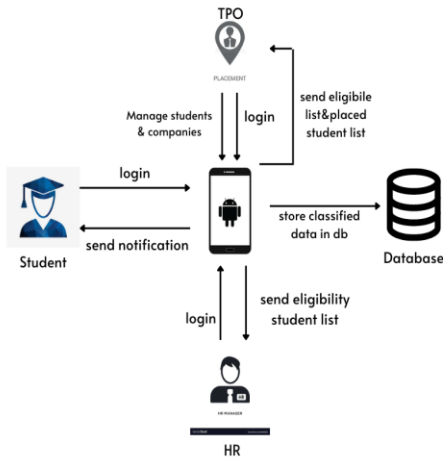


Fig 2. System Architecture of the Proposed System

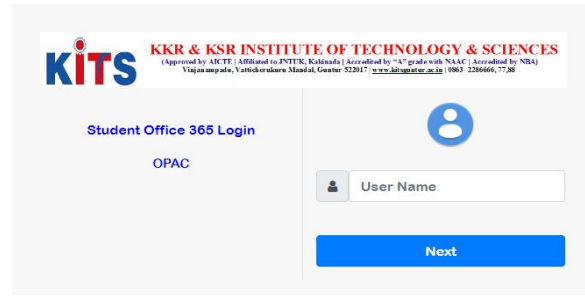


Fig 2. Student login page

VI. RESULT & SCREENSHOTS



Fig 1. Home page

SNO	NAME OF THE COMPANY	SELECTED	Package
1	WIPRO	221	3.5 LPA
2	DXC TECHNOLOGIES	140	4.0 LPA
3	TCS	72	3.5 LPA
4	SAVANTIS	45	2.8 LPA
5	MPHASIS	44	2.8 LPA
6	HCL	15	4.25 LPA
7	HEXAWARE	10	4 LPA, 6 LPA
8	INFOSYS	10	3.6 LPA, 4.0 LPA, 6.25 LPA
9	MINDTREE	9	4.0 LPA
10	CGI	9	4.0 LPA
11	APPS ASSOCIATE	8	5.5 LPA

Fig 3. Companies Drives page

	NAME OF THE COMPANY	COURSE	NO. OF SELECTIONS	MECH	CIVIL	EEE	ECE	CSE	MBA	Drive STATUS	DRIVE DATE	PACKAGE (LPA)	LOCATION
1	ACCOLITE DIGITAL	B.Tech	5					5		POOL	17/12/2021	5	BANGLORE
2	APPS ASSOCIATES	B.Tech	8					8		ON	26/10/2021	6	HYDERABAD
3	Ateas SYNTEL	B.Tech	9					9		OFF	29/03/2022	3.5	CHENNAI
4	BIRLASOFT	B.Tech	1					1		POOL	22/03/2022	4	PAN INDIA
5	BNY MELLON	B.Tech	1					1		POOL	3/3/2022	17.34	CHENNAI
6	BOOKMYSHOW	B.Tech	1					1		OFF	1/4/2022	10	BANGLORE
7	CAPGEMINI	B.Tech	34		1	4	12	17		OFF	24/12/2021	4	PAN INDIA
8	CGI	B.Tech	9					9		ON	27/01/2022	3.75	BANGLORE
9	CSS CORP	B.Tech	2					2		ON	22/10/2021	3.5	CHENNAI
10	DBS	B.Tech	23					23		ON	5/3/2022	8.9	HYDERABAD
11	DELOITTE	B.Tech	6					1	5	POOL	23/12/2021	4.5	PAN INDIA
12	DXC TECHNOLOGY	B.Tech	140	7	15	8	45	65		ON	13/07/2021	4	CHENNAI
13	EFFTRONICS	B.Tech	2					2		ON	29/10/2021	5.5	VIJAYAWADA
14	HACKWITHINFY	B.Tech	6					6		POOL	9/8/2021	6.25	PAN INDIA
15	HCL	B.Tech	48			3	19	26		ON	1/2/2022	4.25	PAN INDIA
16	HEXAWARE	B.Tech	10					1	8	ON	4/12/2021	4	CHENNAI
17	IBM	B.Tech	6					1	5	POOL	11/11/2021	4.25	BANGLORE
18	INFOSYS	B.Tech	45	6	7	2	13	17		OFF	22/03/2022	3.6	PAN INDIA
19	INFYQ	B.Tech	4					4		OFF	9/8/2021	3.6	PAN INDIA
20	MINDTREE	B.Tech	20					3	17	POOL	10/3/2022	4	BANGLORE
21	MPHASIS	B.Tech	44			6	21	17		ON	10/10/2021	4	PAN INDIA
22	PAYTM	B.Tech	4					4		OFF	23/02/2022	5	PAN INDIA
23	PERSISTENT SYSTEMS	B.Tech	2					2		OFF	23/01/2022	4.7	HYDERABAD
24	PIVOX LABS	B.Tech	2					1	1	ON	18/11/2021	3	GUNTUR
25	PROLIFICS	B.Tech	1					1		OFF	11/3/2022	3.5	HYDERABAD
26	REVATURE	B.Tech	9					2	7	POOL	30/12/2021	4	PAN INDIA
27	SAVANTIS	B.Tech	45	5	7	5	11	10		ON	29/01/2022	3.25	HYDERABAD
28	SNOVASYS	B.Tech	8					7	1	ON	12/12/2021	3.6	ONGOLE
29	SUPRAJA TECHNOLOGIES	B.Tech	2					1	1	ON	23/03/2022	3.2	GUNTUR

Fig 4. Student Placement details page

CONCLUSION

In this paper, we try to solve the problem of student and the TPO for using the placement details through student placement platform web application. We are trying to reduce the work pressure of the TPO, provide statistics of placed students and unplaced students, sending notification to students about companies, easily accessible data and also easy to maintain history of company and student.

The proposed system can guarantee to keep the records are safe and privacy which is stored in the database. It converts unstructured data into structured data and sorted format. It is very helpful, reliable and performs well functional to get an alert message and emails on the cell phone. Also, this system helps us to take the record of alumni. All the records stored in excel format. According to company criteria, TPO Just enters the requirement of the company and according to that, the list of eligible students get display and TPO notify them.

FUTURE SCOPE

In the future, we add different features like a direct messaging chat between the company and the student. Which provides a convenient way of interaction between students and industry. We also create an app which is a TPO app, is used to store information and maintain the placement procedures of a particular area or state in a particular stream. We can give more advanced software for placement management system including more facilities. We can modify the project with a far better approach with more graphics. The backup procedure can be comprised to make sure of the database integrity. Also, we can add a page for admin to show total number of students in a particular department and out of them how many have been placed. We can also add data of past recruiters along with HR's contact details and if they have any vacancies.

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