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Institutional Recruitment Tool Designed for Student and Placement Cell

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Abstract: This Paper is named as "Institutional Recruitment Tool Designed for Students and Placement Cell" where-in a final year student participates together in the campus-training and campus placement activities in that college. It is a web-based placement portal, which can be accessed privately and securely by the students with their aspect. This portal is the best coordination between Training placement officers (TPO) and Students. This Portal helps in the department of training and placement cell for a complete self-automation. I.e., through this portal sending notifications about company visits as well as reports are generated according to the students who are in final year, maintaining students record, boy & girls' ratio, department-wise, branch-wise, list of unplaced students, and eligibility students list based on company criteria. This portal Transparently overview of passed placement details.

Keyword **– Separate login form (TPO & Student), Automatic Email generator, Filterization of data.**

I. INTRODUCTION

All Campus Placement are conducted in all college campuses. Now days It is very difficult to maintain the coordination between students and companies and its criteria.[1] But this web-portal "Institutional Recruitment Tool Designed for Students and Placement Cell" is the managed and informing system, that's provide the recent information to all students about upcoming company and their job openings.[2]it's help to pinpoint the records abouts the job opening related details, Filter out the placed and unplaced students and such as which number of students got placed in which company , maintains students records , boy to girl ratio of placed students and the knowledge about the unplaced students in the several years through the graphs and pie chart also.[3] This portal helps the college placement cell in keeping the thousands of Students records and information about their educational background. It can automatically process where searching for the student's eligibility.[3]

II. PROBLEM STATEMENT

All Campus Placement are conducted in all college campuses. Now days It is very difficult to maintain the coordination between students and companies and its criteria.[1] But this web-portal "Institutional Recruitment Tool Designed for Students And Placement Cell" is the managed and informing system, that's provide the recent information to all students about upcoming company and their job openings.[2]it s help to pinpoint the records abouts the job opening related details, Filter out the placed and unplaced students and such as which number of students got placed in which company , maintains students records , boy to girl ratio of placed students and the knowledge about the unplaced students in the several years through the graphs and pie chart also.[3] This portal helps the college placement cell in keeping the thousands of Students records and information about their educational background. It can automatically process where searching for the student's eligibility.[3]

III. EXISTING SYSTEM

There is an automated system in most of the colleges. Though, there are some limitations as well. Resumes are uploaded by the students early in the year. On the grounds of present information, lists of candidates have to be framed for each company. It is essential for the students keep checking their e-mails incessantly. There are certain restraints for the existing system; for instance, notifications are sent through mails to the candidates, and they are accountable to keep refreshing their e-mails. It is quite hard for the candidates to decern previous year placement projects, resume formats, job details.[3] There is no clear way for the Training and Placement department to maintain data about the placed and unplaced students., even the ratio of boys and girls who got placement and other placement related data. With the help of people, all the works of placement are carried out due to this reason there are high chances of unintentional errors. As the number of students increase exponentially, the chance of getting the job decreases because management has to deal with data of all the candidates. To do away with this problem, it is indispensable to design a well computerized candidate automation module

IV. PROPOSED SYSTEM

The objective of this project is to render complete automation of Training and Placement in terms of various facilities i.e. students are filtered in keeping with their aggregate percentage in B-tech, B-tech backlog, Matric, Inter and transmitting notifications via e-mail, report generation on the grounds of past placement statistics. Events can also be added by TPO heads.[1] Recent placements can also be accessed through this portal. All the information concerning TNP will be made within reach, and it will essentially help the students to access them without any trouble.[2] Easy to download materials and placement projects through this Portal that will help candidates in terms of preparation of placement, and company profile, details and past year visit dates of the companies can also be accessed.[3] Candidates who are eligible for the companies will be informed via automatic generated e-mail. It is indispensable for the candidates to register themselves with accurate information to avail the portal.[1] If a particular company which is new has to register itself first so as to help students to visit the company's website, to get company details job related information, its intakes for a year. Interested company can easily check the candidates who have applied for the job and their details.

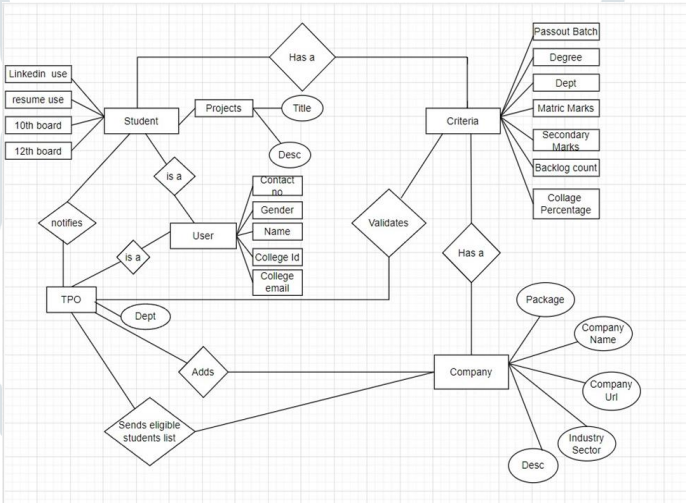

Fig 1: Block diagram

V. IMPLEMENTATION

As per the module, when a candidate logs in, the placement related news and events on the homepage will be within reach of the candidate. Updating profile, SSC, HSC marks, uploading resumes- can be carried out by the candidates. Study materials and other resources can be easily accessed which are rendered by the TPO and It is up to the candidates whether they want to register themselves for the upcoming companies. If a candidate has some doubts in the wake of job selection, he or she can easily raise the doubts in the forum section as well, which will be answered either by admin or the other students. Moreover, having entered the candidate details, will be validates by the TPO. Once it gets validated there is authenticity of details of the candidate. Hence, there is no chance of error. TPO can register himself in the portal. Once he registers himself, he can add companies, even can set the eligibility criteria for the candidates applying for the job.

If TPO contemplates that there is a candidate who suits best for the position required in a particular company then he is likely to send job request to the candidate. Though, this process can be carried out having validated the information of the candidate. Now, details of the students are on the portal, it is quite approachable for the companies to discern how many students are eligible on the grounds of provided criteria. Eligible student's resume can be downloaded by the interested company.

VI. TECHNOLOGY USED

A. Technology Used for Back End Part:

- Spring – It is an open-source application framework that provides infrastructure support for developing JAVA applications.
- Hibernate – It is an open-source object relational mapping tool that provides a framework to map object-oriented domain models to relational databases for web applications.

B. Technology Used for Front End Part**:**

- HTML – Its full form is Hyper Text Markup Language. It is used to create web pages using some tags.
- CSS – Its full form Cade Style Sheet. It is used for describing the presentation of a document written in a markup language such as HTML.
- JAVA Script – It is a scripting language. It is used on the client site for the web page behaviour, often incorporating third party libraries.

C. Languages Used:

- JAVA – It is an object-oriented programming language which works on classes and objects.

D. Database Used:

Oracle Database – These are multimodal database management system produced and marketed by oracle corporation.

VII. PORTAL

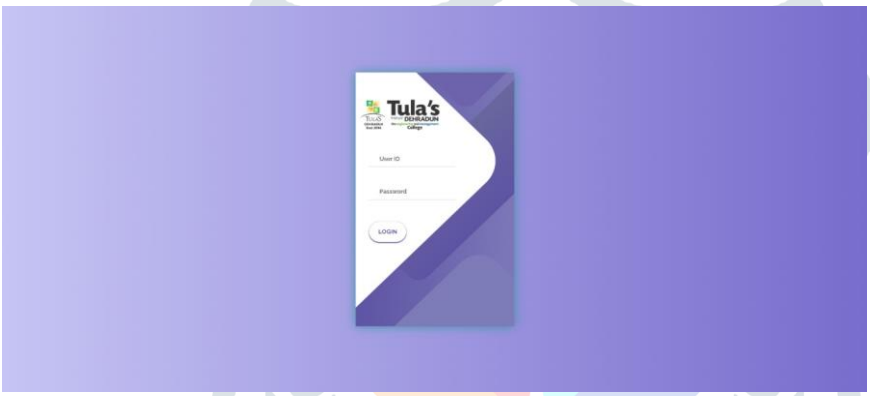

Fig 2: Login Form

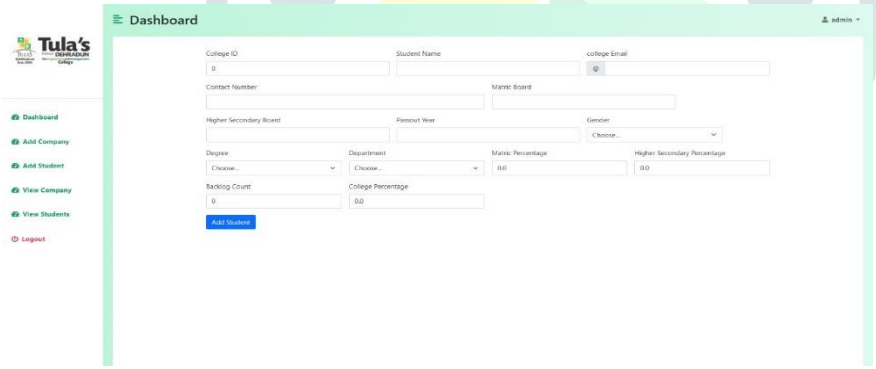

Fig 2: Students Details Filling form



Fig 3: Students Information



Fig 4: Dashboard of Upcoming Company

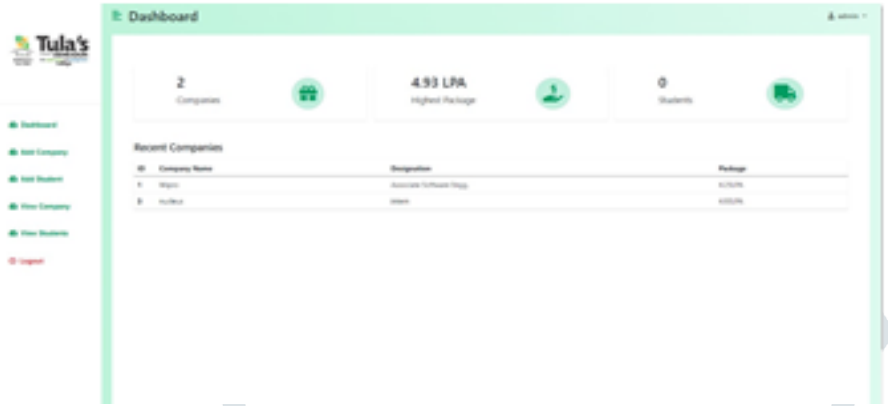

Fig 5: Company Details

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