Project Name

PLACEMENTIFY

A TRAINING & PLACEMENT CELL AUTOMATION SYSTEM

FOR DYPIMR

TEAM MEMBERS:

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Scope of the System

Placementify is a system that comprises automation of manual activities in the Training and Placement Cell of DYPIMR. This system is solely made for the Training and Placement Officer (TPO) of DYPIMR. The automation is performed on the consolidated data of students of the courses MBA and MCA via spreadsheet respectively by performing various operations as per the requirement of the placement activity/recruiter. The system notifies new job openings to the system admin i.e TPO. Also, email text content will be generated using standard templates for communication between TPO and company HR for various purposes such as invitation, greeting, updates on request, etc.

Problem Statement

According to the traditional system, students data is stored in excel sheets. Using excel formulas, the data needs to be sorted to find out the eligible students for the placements manually. Due to the excessive data, this task is difficult to perform manually. Also, the TPO has to search and check for new job openings manually. As we know, the number of campus hirings has increased resulting in an increase in workload on the placement team. Due to the manual system and short deadlines, the schedule is hectic. This can also cause miscommunication between the placement team and the company HR. Also, there is no fixed format for emails which is time consuming and may lead to grammatical errors and miscommunication again.

Existing System

Students data is stored in excel sheets. Data is sorted using excel formulas to find the eligible students for the placement activities. This data is then stored in a new excel sheet again. The TPO has to search and check for new job openings one by one manually. Also, there is no fixed format/template for emails, hence, the TPO has to write a new email manually every time.

Proposed System

The proposed system is an automated system for Training and Placement Cell of DYPIMR. The system is solely made for the Training and Placement Officer (TPO). This system has automated GUI functionality to fetch students data according to the course and batch respectively via spreadsheets. The system admin can extract eligible students data according to the criteria requirement by the recruiter/ company HR. This result sheet can be exported and downloaded for future purpose. The proposed system can generate email text content using standard mail template for communication between the placement team and the recruiter/ company HR regarding the specific purpose. Also, this system can display new job opening alerts from different career portals.

Users of the System

- System Admin (TPO)

Modules in the System

1. ## Fetching overall students data

   The system admin will fetch data of students according to the required course and batch respectively.

2. ## Extracting eligible students data

   The system admin has to fill the criteria requirement form and submit to extract the eligible students data.

3. ## Exporting and Downloading the result list

   The system admin can export and download the extracted eligible student list for future purpose.

4. ## Email content text generation

   The system admin can choose the purpose of mail and get the email text content using standard mail template. Copy paste the content and then mail to the company HR.

5. ## System report generation

   Displays records of the registered students in the system according to the course and batch respectively.

6. ## Job openings alerts

   Displays job openings from various career portals.

Hardware and Software Requirements

Hardware Configurations (Server Side)

1. Processor: Core i3 and above
2. Speed: 2 GHz and above
3. RAM: 2 GB and above
4. Hard Disk: 500 GB and above

Software Configurations (Server Side)

1. Operating System: Linux
2. Server: Apache 2.4 X
3. Database: mySQL

Hardware Configurations (Client Side)

1. Processor: Pentium 4 or above
2. Speed: 1.1 GHz and above
3. RAM: 1 GB and above
4. Hard Disk: 5 GB and above

Software Configurations (Client Side)

1. Operating System: Windows 7, 8, Linux
2. Web browser: Google Chrome, Mozilla Firefox, IE 11.