

Training and Placement Cell Management

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Abstract: *Training and placement management is supported by paper based systems, databases, spreadsheets and email communication. Training and Placement is a key part of any educational institution where most of the work is still done manually. The aim of this project is to automate the training and sorting unit. The project will involve minimum manual work and maximum optimization, abstraction and security. This is a web application that will help students and the administrative office in every activity in this department. The system is an application that can be accessed throughout the organization after proper login. This system can be used as an application for Training and Placement Officers (TPO) of the college to manage student information with respect to placement. Applying students should be able to complete the registration form. A key feature of this project is that it is a one-time registration. The application provides a facility to maintain student details. It also provides the required list of candidates for student recruitment based on the entered query. An administrator who logs in can also search for any information entered by students. This project will help universities practice full IT deployment. This will also help in quick access procedures in location related activities.*

Keywords: updation, file system, online training and placement management system, TPO

I. INTRODUCTION

The use of the Internet and the World Wide Web has revolutionized the provision of information and the installation for the stoner to take action on the information attained. Use of the Internet to enable scholars and companies to manage the placement process with the active involvement of the Placement fellow. This led to a unique web- grounded training and placement operation system. Online training and placement operation system provides information on placement providers and the placements they offer so that scholars may view and assess their openings. Organisation will have well- developed web spots to inform their scholars of vacuities and how to prepare for their work integrated literacy experience. Online training and placement operation system is an operation to grease scholars to register and fill the operation form. The druggies can pierce fluently to this and the data can be recaptured fluently in no time. In the pupil enrolment form, we can give particular details, educational qualifications, and professional chops. The job details of the placed scholars will be handed by the director. The job provider and the placements fellow to take effective conduct on the web as a follow from the information they've viewed. The director plays an important part in our design. He provides blessing of pupil enrolment and streamlining

II. EXISTING SYSTEM

- In the association being system lead to numerous problems. These are as follows- Problems in being system
- Maximum homemade work in the being system all the work that's done by mortal intervention. Humans should do all the work.
- Crimes due to the homemade intervention there are maximum chances of crimes.
- Maximum human affiliate the interface between the pupil and director is maximum;
- Time consuming due to below problems every procedure becomes time consuming.
- Train system the records were stored in modified access wastes hence sorting problem.
- No hierarchical the lines weren't stored hierarchical format hence searching problems.
- Streamlining records due to below problems the updating was veritably delicate and nebulous;

- Duplication of lines due to below problems the duplication of records was usual hence data redundancy;
- Lower alertness the scholars may not get the information on training and placement exertion hence they miss the openings.
- Synchronization problem there were lower quantum interfaces among pupil and training and placement department;
- Alumni record the once scholars records aren't maintained..

III. PROBLEM DEFINITION

The being system is doing all the processes manually. The director should relate all the records kept for times ago to simply know details. This so tedious and time consuming. This process is so delicate when the number of druggies increases. There are a lot of limitations for the being system. In homemade Training and Placement all the work that's done by mortal intervention due to which there's a maximum chances of crimes. The interface of pupil and a TPO is maximum which makes the system time consuming. The records are stored in modified access wastes hence sorting is a problem. The lines aren't stored hierarchical format hence searching is a big problem due to this the updating is veritably delicate and nebulous this leads to the duplication of records is usual hence data redundancy; The scholars aren't being made apprehensive of the Training and Placement exertion hence there might have been loss of openings. The Access wastes were less optimized. suppose we want scholars having 65 aggregate also the pupil with 70, 75 total are also named whereas needed result is only scholars with 65 total. The system couldn't take acknowledgement from the scholars attending to particular event hence lots of confusion at the last moment. There are smaller interfaces between pupil and Training and Placement department. There was no record kept of the once scholars. There's lower communication between once or present pupil with the Training and Placement department.

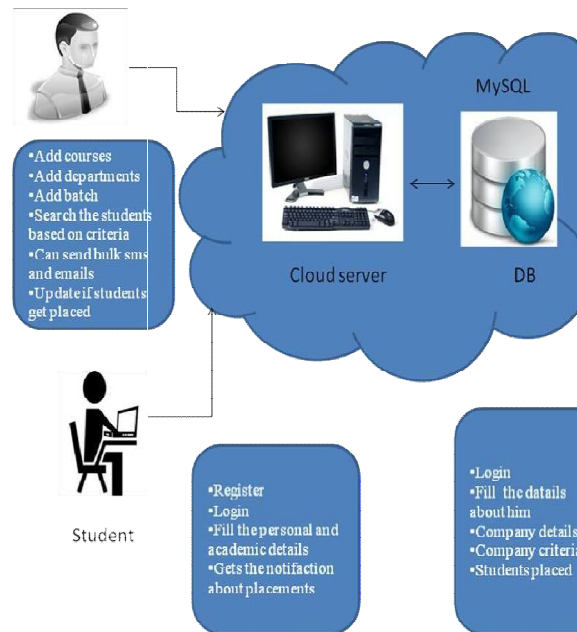
IV. PROPOSED SYSTEM

The proposed Online Training and Placement System operation system meant to give further easiness to the druggies that they can add and recoup information so snappily. There are substantially three types of druggies they're director, pupil and HR. The director is the master stoner; he gets the most number of precedence's than the other druggies. The different functions involve the case of an director are streamlining, blessing, transferring information to the scholars regarding placements. The director can view and authorize the colourful operation forms. scholars can register and view the details. The placement officer can login through HR section view the details of the HR's, placed scholars, and training details. The proposed online training and placement operation system is intended to avoid all the downsides of being system. It'll add some further features than the being system. The proposed system is a cost effective way of doing the primer processes done in the being system. This helps the association to win the war in the being competitive world. The proposed system is intended to do the following

- Online Registration: Traditionally the job of registration was done manually by passing the registration form to the students. But this was too much time consuming and also erroneous. So the major need was for the automation for registration by online registration by students themselves.
- Security For Administrator: The files in which the data is stored is stored in Access file sheets that too separately for each class of department; so the files could be accessed by any one accessing the computer. These files may be 'confidential'. So there is a special need for security.
- Optimized Sorting of data: The modified access sheets were not that efficient as, when we want to select students having 65% aggregate then the student with 70%, 75% aggregate were also selected where as required result is only students with 65% aggregate.
- Hierarchical Structure of departmental data: As mentioned earlier the data was stored separately for classes of each department the problem of searching was time consuming and as well the duplication could occur. So there is a need for a centralized hierarchical structure.
- Instant Notification to the student: The only method for notification until now is by notice board which is not reliable. To countermeasure this problem the notification can be send by E-mail and mobile sms.

- Alumni Data Base: The alumni data is insufficient and is out of reach of the students. So the proper method to employed to store the alumni data.

V. BLOCK DIAGRAM



VI. DESIGN DETAIL

In the online training and placement management System there are following module and their design details are as follows.

Student Module:

In the pupil module first the pupil should get registered to the system by filling the placement enrolment form which contains the details similar as name, USN, course, dispatch, mobile number and word. Once the pupil fills the placement enrolment form the account activation link will be transferred to the scholars dispatch to spark their account. Once the pupil activates the account they can login to the system through the username and word and should fill the academic enrolment form. The operation form will contain the details similar as particular details and educational qualifications. After filling the operation form the pupil should download the operation form and should submit in the placement cell. Once the pupil completes filling the enrolment form and submits the operation form to the placement officer the pupil won't suitable to login to the system this is the crucial point of this design. The placement officer will check the details of the pupil and corroborate it. After vindicating the pupil if his details are correct the placement officer will inactive the pupil if the placement officer in activates the pupil also the scholars won't be suitable to login to their account. This is done because more frequently the pupil can login to the system and can change his details. So in order to avoid this, the option of inactive the pupil is handed. If the pupil wants to change modernize his details also the pupil should meet the placement officer to do the necessary changes.

Admin Module:

The training and the placement officer is the director in the system. The director plays an important part in the design. In this module admin will login through username and word, once he logins he'll be directed to the dashboard where he gets the complete details of every pupil of different courses and departments. The admin can add the recently added courses, departments and also can add new batch. The admin can also view the complete list of courses, departments, and batches. The admin can filter the scholars according to his requirements through the hunt option, for illustration if the admin requires the pupil whose total is lesser than 65 in BE and lesser than 70 in PUC and 10th. The admin is

handed the option of hunt in which he can search the scholars using the name, mobile numb, USN, Dispatch, and enrolment ID. The admin is also handed with an option of transferring bulk SMS and Emails. director can shoot the bulk SMS and Emails to the scholars by filtering the scholars as he needs. Once the scholars submit the operation form in the placement cell the placement officer can corroborate the details put up by the scholars. A unique enrolment ID will be generated for every pupil using this ID the placement officer can corroborate the scholars. The director also has the option of transferring the templates to the scholars, it's like if the pupil is eligible to the drive a template is transferred to the scholars dispatch with a unique enrolment ID, the scholars should take the print out of that template and should attend the placements..

HR Module:

The training and placement officer can also login to the HR section through the username and word. In this HR section all the information related to the HR 'S are maintained. The placement officer can add the recently visiting company name to the database. The TPO can assign the company, assigning the company is nothing but in which time it's visiting, what's the company criterion etc. The TPO should collude the scholars, mapping the scholars is nothing but if the scholars get placed in some company the TPO should modernize the details similar as in which company the pupil has been placed. The TPO can maintain all the HR 'S information in this section by adding the details of the HR similar as his name, mobile number, HR position, dispatch, company name etc. The TPO can also maintain the information of other council TPO details. In this section the TPO have the option of maintaining the factory or training details that are going to be held in the council. The admin can download all the details of the HR's, placed scholars, training details, and all assigned companies in to the excel distance.

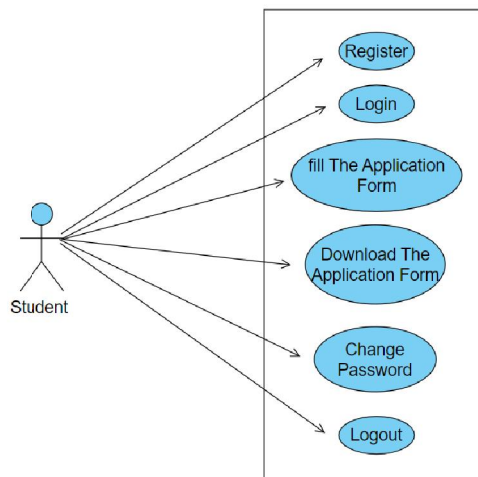
VII. IMPLEMENTATION

The term perpetration has different meanings ranging from the discussion of a introductory operation to a complete relief of a computer system. The procedures still, are nearly the same. perpetration includes all those conditioning that take place to convert from old systems to new. The new system may be completely new replacing an being primer or automated system or it may be major revision to an existing system. The system of perpetration and time scale to be espoused is set up out originally. Neat the system is test dully and at the same time, the druggies are trained in the new procedure. Proper perpetration is essential to give a dependable system to meet association demand

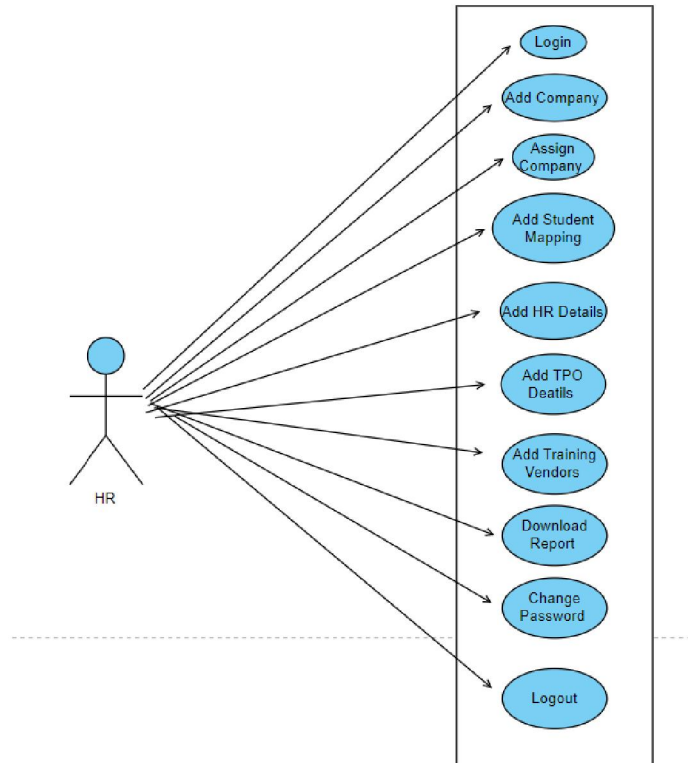
Use case diagram:

A Use case is a explanation of set of sequence of events graphically. It is rendered as an ellipse with rock-solid line up as well as lone its name. Use case diagram is a behavioural diagram that shows a set of use cases and actors and their relationship. It is a relationship among the use cases and actors. An actor represents a real-world object.

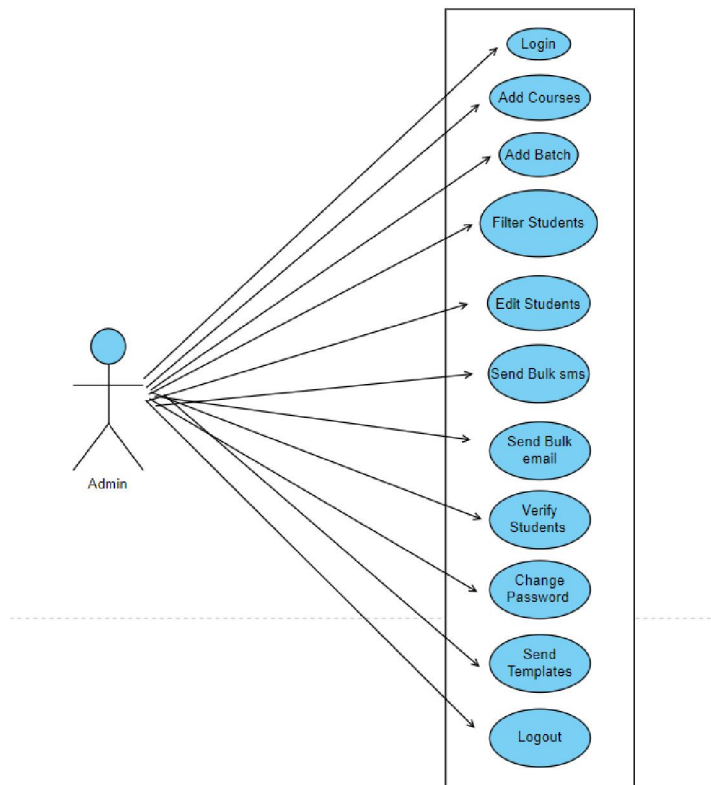
1) Student module



2) Admin module

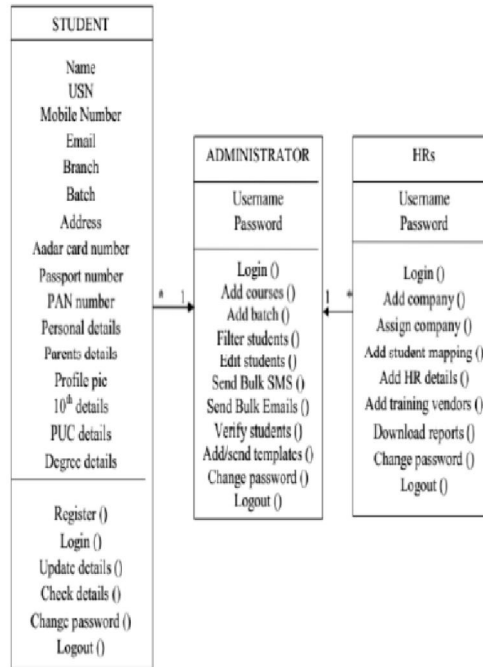


3) HR module



Class Diagram:-

Class diagrams are arguably the most used UML diagram type. It is the main building block of any object oriented solution. It shows the classes in a system, attributes and operations of each class and the relationship between each class.



IX. CONCLUSION

In the being system maximum work goes manually and it's error prone system, takes time for any changes in the system. The big problem is the searching and updating of the pupil data and also no any announcement system available for giving information to pupil anticipate the notice board. The proposed online training and placement operation system gives the robotization in all the process like enrolment , updating, searching. It provides the detail result to the being system problem

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