Post Placement Tracking System.

1.Introdruction

1.1 Overview of the Project

Post Placement Tracking System is a web-based application designed for the college that provides interface for Placement cell, so the users such as Placement coordinators, faculties and students can be able to manage the placement process centrally. Interview process can be added to the system and organized by the college placement cell. This System is able to manage on-campus and off-campus recruitment.

1.2 Objective of the Project

The objectives of this project is

* To access the application using trending graphical user interface.
* Develop a central database of student information.
* Provide an on-campus and off-campus details
* Make it easy to check the student recruitment details.
* Provide information regarding interview recruitment and state and progress of the student.

1.3 The Need for the Project

Manual management of on-campus and off-campus interviewing process to recruiting the student. Post Placement Tracking System look into this project and automates this process. Post Placement Tracking System is capable of managing the student details and level of completing their interview process that can also update into this application.

* Student performance
* Performance of a batch of student in an interview.
* Performance for an individual recruiting level.
* Overall statistical distribution are gathered and updated.

1.4 Overview of Existing System and Technologies

Existing system are a failing in providing quick operation. Cost is high as well. Processing very lengthy and time consuming. More time consume for before generation. Post Placement Tracking System is mainly concerned with assessment training and student interviewing process can be managed.

Main Technologies associated with Online Placement Tracking System.

* Web programming technologies.

1. JS,
2. JSP,
3. HTML,
4. CSS

* MySQL Database.
* Diagram and design tools.
  1. Scope of the Project

Main actors of this system

* Administrative staff.
* Student.
* Department staff.

Main use cases associated:

1. Department staff can assistant.

* Gather the student details from their department.
* Schedule and update the selected student list.
* Staff can update the on-campus and off-campus location and company details can be shared to the student.

1. Student

* Attending the interview.
* Placement pattern can evaluated.

1. Administrative staff.

* Update the Schedule an on-campus and off-campus recruitment list.
* View statistical details.
  1. Deliverables.

A web based software system. This contains a centralised database and functionalities for various stakeholders are involved, different GUIs will be provided to different users.

2. Feasibility Study

2.1 Financial Feasibility

Being a web application Post Placement Tracking System will have an associated hosting cost. Since the system doesn’t consist of any multimedia data transfer, bandwidth required for the operation of this application is very low. The system will follow the freeware software standards. No cost will be charged from the potential customers. Bug fixed and maintaining tasks will have an associated cost. At the initial stage the potential market space will be the local universities and higher educational institutes. Beside the associated cost. Especially the extra effort that is associated with paper marketing will be significantly reduced while the effort to create descriptive statistical reports will be eliminated, since reports generation is fully automated.

From these it’s clear that the project Online Placement Tracking System is financially feasible.

2.2 Technical Feasibility

Project Post Placement Tracking System is a complete web based application. The main technologies and tools that are associated with Online Placement Tracking System are.

* HTML
* CSS
* JSP
* JS
* MySQL

Each of the technologies are freely available and technical skills required are manageable. Time imitation of the product development and the ease of implementation using these technologies are synchronized.

2.3 Resource and Time Feasibility

Resource Feasibility

Resource that are required for the Post Placement Tracking System project includes,

* Programming device.
* Hosting space.
* Programming tools.
* Programming individuals.

2.4 Risk Feasibility

Risk Feasibility can be discussed under several contexts.

Risk associated with size

Estimated size of the product in line of codes:

Being a web application with many number of stakeholders, Post Placement Tracking System will contain significant amount of code lines. As the system doesn’t contain any multimedia aspect, the file sizes and the complete project size will not exceed 200MB.

Estimated size of product in number of programs:

Though the application supports many stakeholders, it will be constructed as a single web application with a single login page rather than having many number of sites for different users. Depending on the access rights, the contents will be showed or hidden.

Size of database created or used by the product:

Database size will not exceed the values supported by MySQL. Number of relations and entities are minimized by using best practices of normalization theories.

Users of the product:

* Administrative staff.
* Student.
* Department staff.