Database for

Student Placement Records

Msc.IT 2014-'16

Course Code: IT-615

Instructor: Prof. P M Jat

Group Members:

1. Ravi Desai – 201412003
2. Sounak Banerjee – 201412006
3. Chintan Tundia – 201412028
4. Lokesh Singal – 201412039
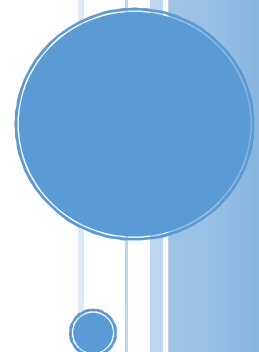5. Moiz Palitanawala - 201412054

Database for

Student Placement Records

Scope

It involves keeping records of all placement details of students: skills acquired by students, offers taken, rounds cleared, details of companies, skills required by companies, packages offered by companies etc.

Description

An applicant, a student of DAIICT seeking admission has to apply for a particular job offer provided by any company for which he has to register for placement.

There is a placement cell as an interface between an applicant and a company which handles the placement procedure. A placement cell consists of a placement officer, faculties and student placement committee. An applicant has to fulfill the eligibility criteria required to sit in placement procedure of any committee. The placement cell has to confirm an applicant's registration.

A company interested in recruitment has to register for the placement procedure. Based on pay packages and work profile the company is placed under one of the Dream/Niche/Regular companies. A company has selection procedure which includes rounds like Aptitude test, Group discussion, Personal interview, Programming test etc.

In order to get the job the applicant has to pass all rounds as per the company demands.

If an applicant wants to apply for any job offer then it is required that he/she must not have got F grade in any semester. An applicant may apply for any number of job offers but he/she would be recruited by only one company. In order to appear for the interview round it is mandatory that an applicant passes all the preceding

rounds. An applicant can apply only for the offers currently available. There must be at least one job vacancy for every offer provided by any company.

For applicant, we have following attribute: StudentId, Name, Batch and CPI, Skills and job experience. For Company we have to record CompanyId, Name, Address, Domains and contact details. For job offer we require to store CompanyId, Duration, Package, Skills seeked and number of vacancies.

Users

1. Applicants/Students
2. Faculties
3. Companies
4. Placement Committees
5. Admission seekers

Following are sample queries, the system is expected to answer

1. Retrieve all companies who came for recruitment in the academic year 2012-13.
2. Retrieve all offers provided in particular duration by company named "Flipkart".
3. List students of MSc.IT of batch 2013 having CPI > 7
4. Retrieve all students of MSc.IT batch 2014 having any AA or AB grade in all semesters.
5. List students having job experience > 6 months
6. List companies seeking expertise in Java
7. Retrieve number of students who have cleared the GD round in placement of company named "Morgan Stanley".
8. List the students who have cleared all rounds of particular offer.
9. List the students who have not cleared any rounds of particular offer.

10. List top 10 packages offered by company.

11. List ID and Name of the student who has got maximum package.
12. List all companies who have offered all packages greater than average Package.
13. List all companies who had recruited only MSc.IT freshers.