

CS 432 Databases

Proposal for Selecting Project Topic: Placement Management.

Major Features:

1. Posting Job Opportunities by the company will be automated.
 2. Students can now directly register for opportunities before the deadline.
 3. CDS does not need to keep track of the interview process. Companies can Add Rounds and select students themselves.
 4. At the beginning of the academic year, CDS can make placement and internship forms available for students to enroll. Only then may students apply for the opportunities.
 5. CDS may examine and update student information at any time. Before floating opportunities, CDS needs to approve both the company and the opportunities.
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View Level:

1. Company
 2. CDS Employee
 3. Students
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Company View:

Company Registration:

Employee Name
Employee Designation
Contact Number
Company Name
Organization Type

- Private Sector
- Public Sector
- Start-up
- MNC
- Others

Industry Type

- IT
- Consulting
- Finance
- Management
- Research
- Core Subjects
- Other

Company Website

Country

Pincode

Address

(The below details should be submitted by the company after one-time registration in Web Portal)

Company Job Profile:

Designation Type

- Job Hiring
- Summer Internship Hiring (Duration May to July)
- Winter Internship Hiring (Duration: December)
- > 3 months Internship Hiring (Duration: Aug-Nov / Jan-April)

Designation Offered

Description Job Profile

Location(s)

Number of Positions Available

Selection Procedure:

Preplacement Talk

Shortlist from Resumes

Written Test

Technical

Aptitude

Psychometric

Group Discussion

Technical Interview

HR Interview

Preferred Period of Visit

Salary Details:

Degree

Basic

HRA

Others

Gross

Takehome
CTC

(May add multiple such rows depending upon different batches/programs)

Eligibility:

Program
Discipline
Year
Minimum CPI
No Backlog (Tick/Untick)

(May add multiple such rows depending upon different batches/programs)

Registration Status - To be floated, Registration Open, Registration Closed, Result Declared, etc.
Posted On (Date)
Registration Deadline

Can view:

- Details submitted by the students who applied for that particular company

Access:

- To create different rounds
 - Select/reject applied students for any round
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CDS Employee View:

Actions:

- Approve Company Registration
- Approve Job floated by Company
- May examine and update student information

Can view:

- All the details submitted by all companies
 - All the details submitted by all the students
 - Activities by companies such as selection/rejection
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Student View:

Actions:

Upload Resume and Details asked by Company and CDS.

(Many details such as Name, Roll No., CPI, email, etc., will be associated with the profile, therefore, no need to explicitly mention)

Can view:

- Details submitted by all the companies (all except company registration which is meant for CDS)
 - Selection/rejection status updated by the company to which the student had applied
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To be kept in mind while working:

1. The backend of each page should be different to add new features on top of the website easily.
2. Data of students should be uploadable by CDS using a spreadsheet or similar files. Such data may include CPI, backlog, and disciplinary action so that it becomes easy for CDS to segregate students.
3. Consult with the existing databases of the institutes to avoid the mistakes made in the past.