ENTITY RELATIONSHIP DIAGRAM



Name

Wasaf Zahra & Nasira

Roll No

110795 110796

G-No

Group 10

Discipline

BS-IT,4 SEM, Morning

Submitted To

Mam Sehrish Khan

Date of Subm

17 April 2025



PROBLEM STATEMENT

Student Placement Portal with Resume Filters and Company Rules

Students can create and update resumes. Companies post jobs with requirements like minimum CGPA, specific certifications, or completed internships. The portal filters eligible students and schedules interviews. Companies rate students post-interview, and students rate companies for transparency. Analytics show placement statistics by department, batch, and company feedback.

Step 1 Step 2 Step 3 Step 4 Development Identify Identifies Identify **Attributes** Relationship **Diagrams Entities**

Entities And Attributes

1.Student

- StudentID (PK)
- Name
- Phone
- CGPA

2.Resume

- ResumeID (PK)
- StudentID (FK)
- Skills
- Marks

3.Company

- CompanyID (PK)
- Name
- Description

4.Jobs

- JobID (PK)
- CompanyID (FK)

Relational table

```
Student (Std ID,Name,CGPA,Ph num)
Resume (Res ID,Std ID,skill,Marks)
Primary key :Resume ID
Foriegn key :Std ID
Student (Std_ID,Name,CGPA,Ph_num)
Company (Comp ID, Name, Description, Email)
Primary key:Comp ID
Company (Comp ID)
Student (Std_ID,Name,CGPA,Ph_num)
Job (Job ID, Experience, CGPA, Certification)
primary key : Std ID, Job ID
Company (Comp ID, Name, Description, Email)
Job (Job ID, Experience, CGPA, Certification)
Primary key: Comp ID, Job ID
```

