

1. Entities:

- Companies: Represents organizations offering jobs.
- Departments: Represents different departments within an organization.
- EducationDetails: Contains educational information of students.
- JobApplications: Represents applications made by students for job positions.
- Jobs: Describes available job positions.
- StatusUpdate: Tracks the status of job applications.
- StudentCredential: Stores login credentials for students.
- Students: Contains information about students.
- Visits: Records visits of companies to the educational institution or vice versa.

2. Attributes:

Companies:

- CompanyID (Primary Key)
- CompanyName
- JobOpenings

Departments:

- DepartmentName
- HODName

EducationDetails:

- StudentID (Foreign Key)
- TenthMarks
- TwelfthMarks
- TenthBoard
- TwelfthBoard
- CurrentCourse
- AveragePercentage

JobApplications:

- ApplicationID (Primary Key)
- JobID (Foreign Key)
- StudentID (Foreign Key)
- ApplicationDate
- Status
- CompanyID (Foreign Key)

Jobs:

- JobID (Primary Key)
- Position
- CompanyName
- Package

- EligibilityCriteria
- RequirementTechnologyDescription
- RoleResponsibilityDescription
- Bond
- Mode
- CompanyID (Foreign Key)

StatusUpdate:

- Status
- ApplicationID (Foreign Key)
- RoundName

StudentCredential:

- studentID (Foreign Key)
- username
- password

Students:

- StudentID (Primary Key)
- Name
- PhoneNumber
- Email
- FatherName
- MotherName
- Address
- DepartmentName (Foreign Key)

Visits:

- ID (Primary Key)
- CompanyID (Foreign Key)
- Schedule
- Status