

Campus Recruitment Entities

User Entity

Property Name	Data Type	Description
username	String	Unique username for the user (Primary Key).
password	String	Password for user authentication.
question	String	Security question for password recovery.
answer	String	Answer to the security question.
role	String (Enum)	Role of the user (ADMIN, COLLEGE, COMPANY).

Student Entity

Property Name	Data Type	Description
id	Long	Unique identifier for the student (Primary Key).
name	String	Name of the student.
email	String	Unique email address of the student.
password	String	Password for student authentication.
contactNumber	String	Unique contact number of the student.
department	String	Department to which the student belongs.
graduationYear	String	Year of graduation.

Job_Posting Entity

Property Name	Data Type	Description
id	Long	Unique identifier for the job posting (Primary Key).
jobTitle	String	Title of the job position.
companyName	String	Name of the company offering the job.
jobDescription	String	Detailed description of the job.
jobLocation	String	Location of the job.
eligibilityCriteria	String	Eligibility criteria for the job.

Job_Application Entity

Property Name	Data Type	Description
id	Long	Unique identifier for the application (Primary Key).
studentId	Long	Reference to the student applying (Foreign Key).

Property Name	Data Type	Description
jobPostingId	Long	Reference to the job posting (Foreign Key).
status	String (Enum)	Status of the application (APPLIED, APPROVED, REJECTED).

Interview Entity

Property Name	Data Type	Description
id	Long	Unique identifier for the interview (Primary Key).
studentId	Long	Reference to the student (Foreign Key).
jobApplicationId	Long	Reference to the job application (Foreign Key).
interviewDate	Date	Date scheduled for the interview.
interviewStatus	String (Enum)	Status of the interview (SCHEDULED, COMPLETED, CANCELLED).
