Entities

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User** | **Employer** | **Job** | **Resume** | **Skills** | **Reference** | **Job Seeker** |
| Name | Department | Job title | Resume ID | Skill ID | User Role | Current Status |
| Age | Description | Required GPA | GPA | Certification | User Job Title | Prefer Job |
| Address | Size | Required Degree | Degree | Languages | Rating | Current Job |
| Email |  | Job Description | Schools | Experience Level | Duration |  |
| Password |  | Job Responsibility | Email | Knowledge | Grade |  |
|  |  | Skills | Graduation Date | Specific skill | Course Works |  |
|  |  | Location |  |  |  |  |
|  |  | Starting Date |  |  |  |  |
|  |  | Job ID |  |  |  |  |
|  |  | Job Type |  |  |  |  |

Relation

|  |  |
| --- | --- |
| One Job Seeker | Post Multiple resumes, Have multiple references |
| One user | Is a job seeker , is a employer |
| One employer | Post multiple jobs, search multiple job seeker |
| One job | Requires multiple Skills |
| One resume | Multiple skills, multiple employers |
| One User | Recoomend another user by references |

Relation Attributes

|  |  |
| --- | --- |
| Post (Deadline) | **Employer, Job** |
| Worked (Worked in company in resume) | **Job Description, Start Date, End Date** |