**DBMS MINI-PROJECT**

**Online Job Portal**

**Problem Statement –**

Generate a Database Management System for Jobseekers.

**Abstract -**

As more companies are recruiting students for jobs virtually, especially during the pandemic, there is a need for an online Job Portal to connect both job seekers and companies for the recruitment process.

The Job Portal would help boost a person’s job seeking efforts and company’s hiring process. The application will allow users to search and apply for jobs offered by different companies.

**Functional Requirements –**

Frontend : HTML, CSS, Javascript, Bootstrapt

Backend: Flask, MYSQL

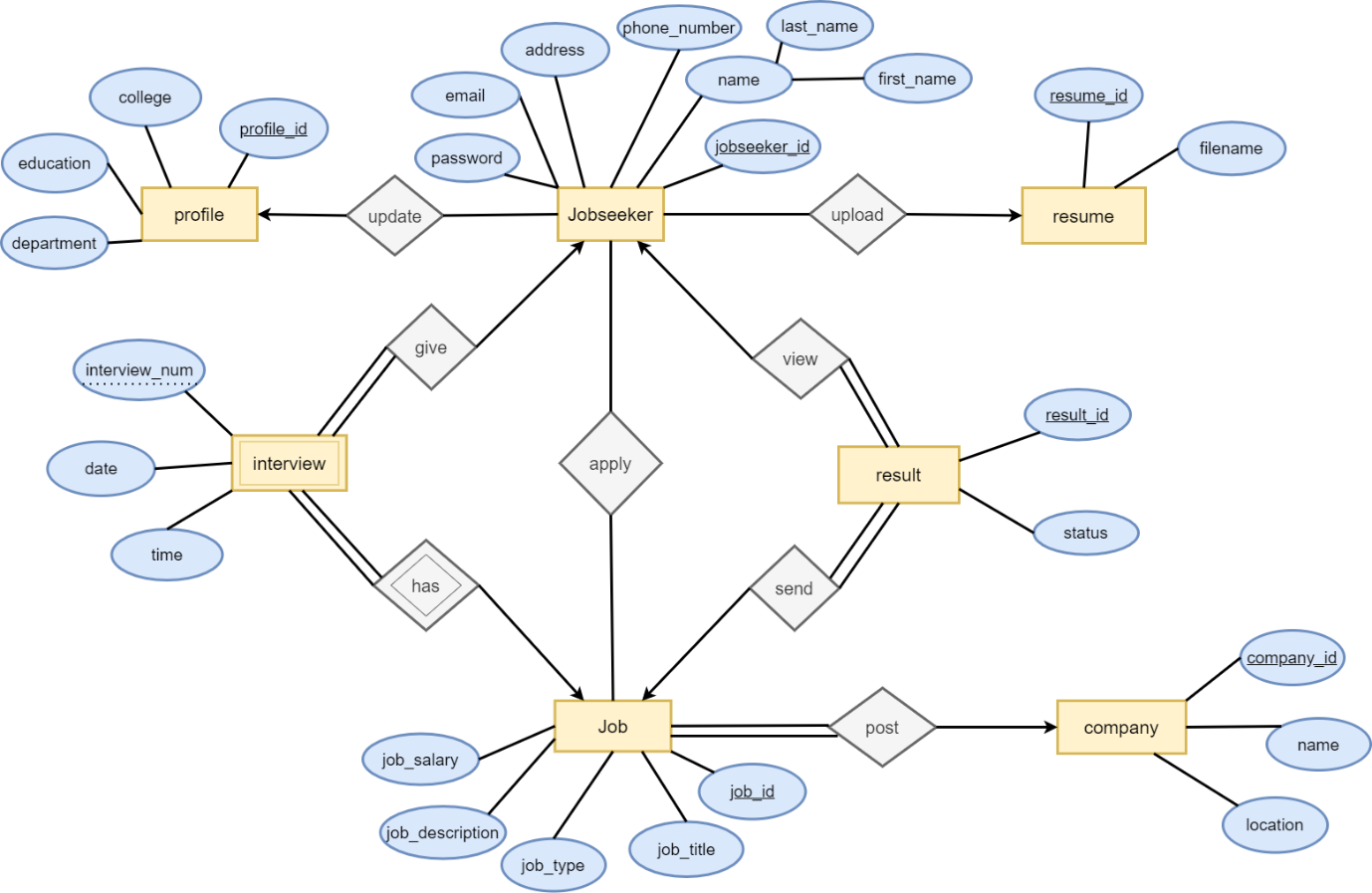
Language: Python3, sql

OS : Windows , Linux, Mac

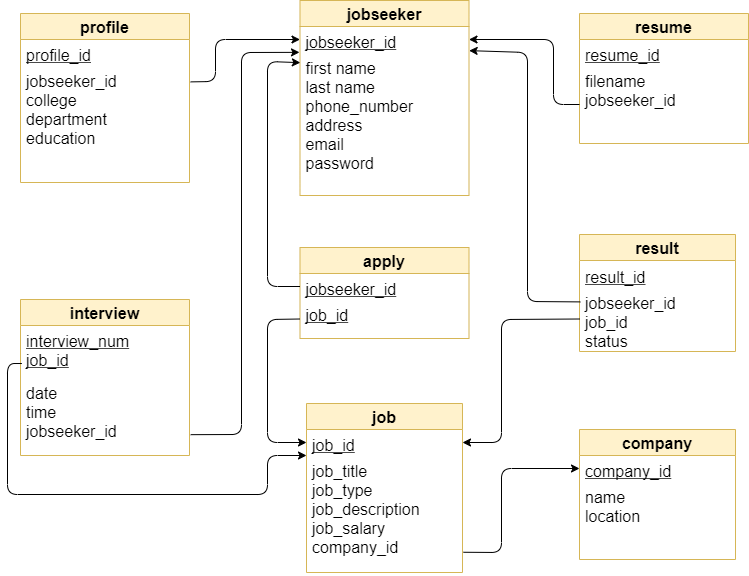
**Features -**

* Job seekers will be able to register and login to the portal.
* Job seekers can create and update their academic profile.
* Job seekers would also be able to upload their resume on the website.
* Job seekers can search and apply for multiple job vacancies posted by various companies. They can see all the details for a particular job on the website.
* Job seekers can view all the jobs they have applied for in their profile.
* Applicants will be able to view their interviews scheduled by companies on the portal.
* Applicants can see their result status declared by the companies for the jobs they had applied for.
* Job seekers can also view their account details and account summary.

**ENTITY – RELATIONSHIP DIAGRAM –**

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**SCHEMA –**

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**Functional Dependencies –**

* (jobseeker) jobseeker\_id -> (jobseeker) first\_name, last\_name, phone\_number, address, email, password
* (company) company\_id -> name, location
* (profile) profile\_id -> (profile) jobseeker\_id, college, department, education
* (resume) resume\_id -> (resume) jobseeker\_id, filename
* (interview) interview\_num, job\_id -> (interview)date, time, jobseeker\_id
* (result) result\_id -> (result)jobseeker\_id, job\_id, status
* (job) job\_id -> job\_title, job\_type, job\_description, job\_salary, company\_id