Job Search Web Application

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Overview

Job Search is a web app built to help blue collar workers to find jobs post the pandemic.

Goals

1. Job Seekers can search for suitable jobs.
2. Employers can post jobs that have openings in their company.

Technologies Used

Spring Boot

(java-based framework used to create micro services)

PostgreSQL

(object-relational database system)

Postman

(collaboration platform for API development)

DataGrip

(database management environment to query, create and manage databases)

React

(front end, JavaScript library for building user interfaces or UI components)

Future Scope

Due to the limited time frame, the following features were thought of but not implemented in the application.

I. Recommendations

Based on the analysis of job seeker's details and applied jobs, notifications can be sent whenever a suitable job is posted.

II. Applying to multiple jobs

Job seekers can apply to multiple jobs that are filtered on the basis of his requirements with one click.

III. Multiple languages

The UI can be displayed in the language chosen by the blue collar worker.

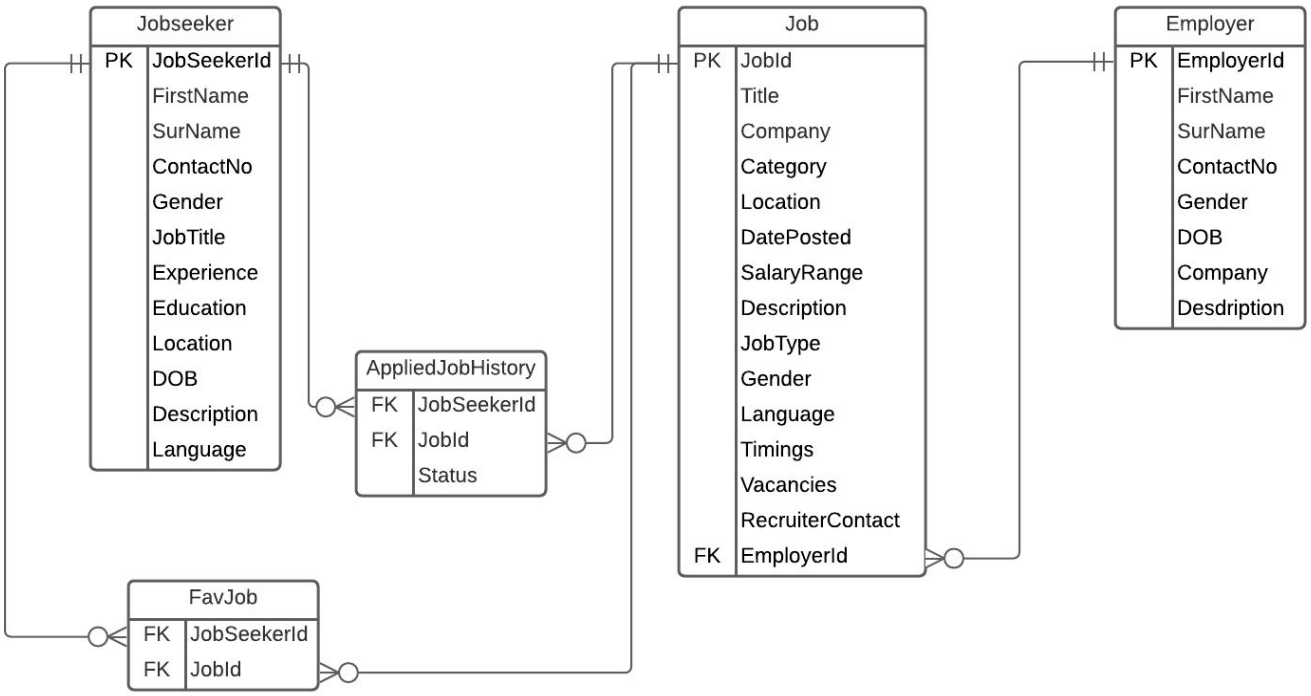
IV. Favourite Jobs

Job seekers can add jobs to their favourites section to apply later on.

V. Registration Authentication

Registration and login can be secured using spring security.

ER Diagram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SurName
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Gender
JobTitle
Experience
Education
Location
DOB
Description
Language
AppliedJobHistory
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FK JobId
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Job
PK JobId
Title
Company
Category
Location
DatePosted
SalaryRange
Description
JobType
Gender
Language
Timings
Vacancies
RecruiterContact
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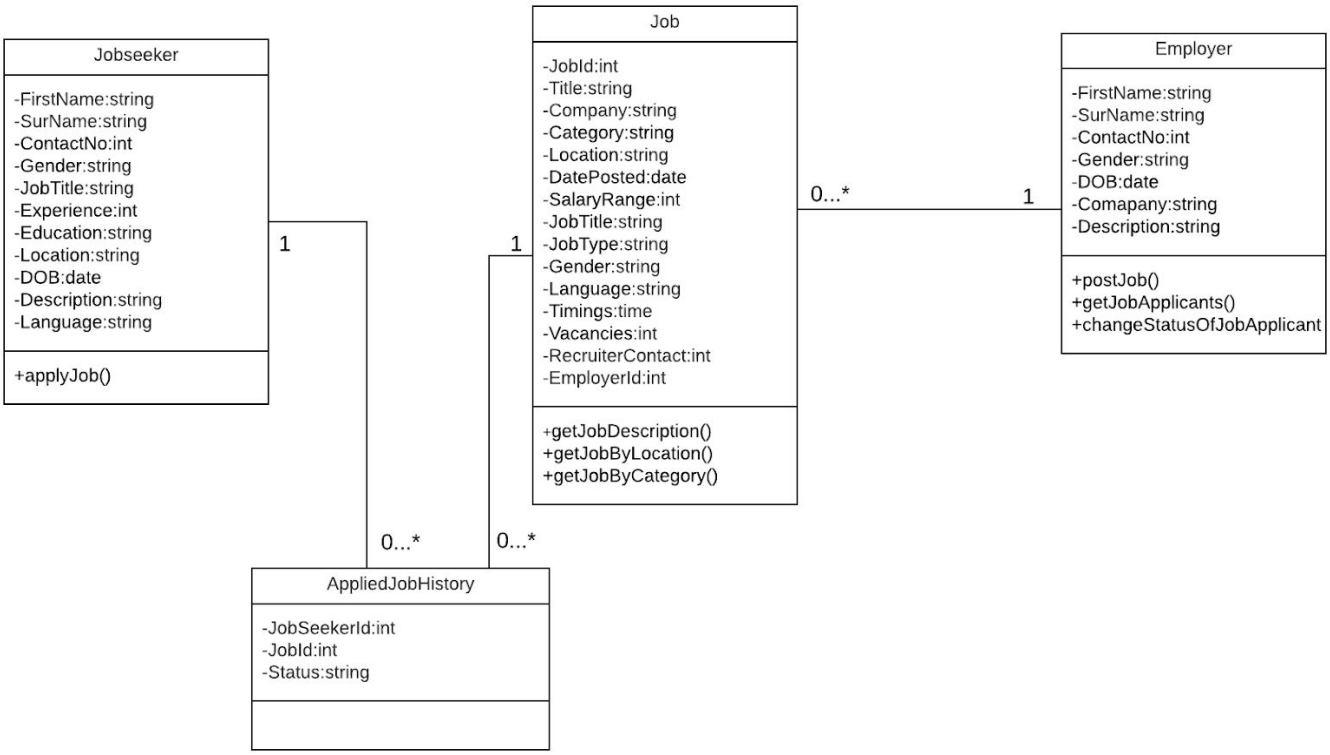
Class Diagram