

**MADE BY** 

## Yousef Diab's Team

**UNDER SUPERVISION OF** 

Assoc. Prof. Ashraf Abdelaziz Taha Eng. Ahmed Sultan

# OVERVIEW

This project is a job posting platform designed to facilitate the hiring process for recruiters and job seekers. The primary objective of this project is to create a comprehensive and user-friendly web application that allows recruiters to post job openings and manage applications, while job seekers can search for jobs, apply, and interact with job postings and more features mentioned below.

### **FEATURES**

### 1 - Authentication System

Users can register and login to the website either as job seeker or as recruiter, with each of them having different privileges, providing a safe and reliable login and registeration mechanism.

### 2 - User profiles

Users can create and manage their profiles, showcasing their work experience, skills, and other relevant information.

### 3 - User Interactions

Both recruiters and job seekers can interact with job postings by liking and commenting on them.

### 4 - Application System

Job seekers can apply to their desired posts while Recruiters can review applicants data and profiles for each job post he posted

# DATABASE ACCESS

The Database (Data Access Layer) is responsible for storing and managing all the data used by the application. It includes both the database itself and the code to interact with it. Key features of the data access layer include.

### 1 - Schema Design

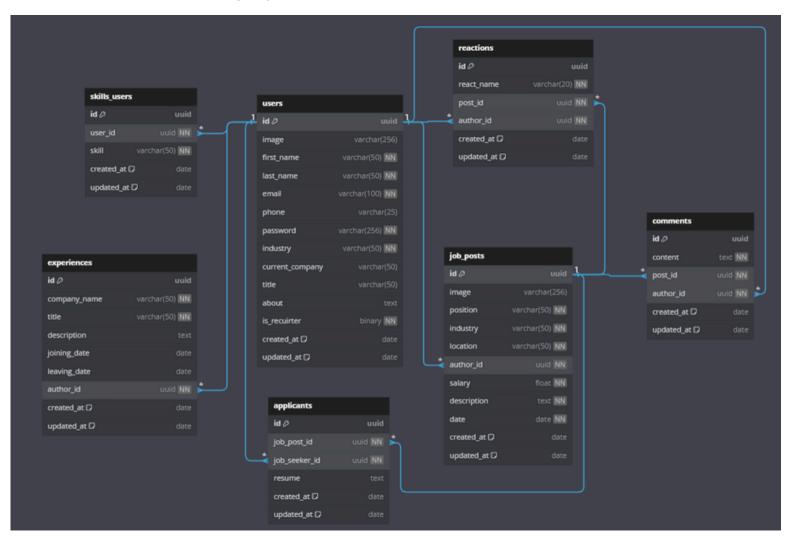
The database schema is designed to efficiently store information related to users, job postings, applications, interactions, etc...

### 2 - Data Fetching

The data access layer includes functions and methods for fetching, inserting, updating, and deleting data from the database.

### 3 - Relationships

Appropriate relationships are established between different entities to maintain data integrity.



# TEAM INTERACTIONS

The development process was divided into three main sections: User Interface (UI), Application core functionality and business Logic (Handlers & Database access).

Each section had dedicated team members working together to achieve the project goals.

### Backend (API)

1-	Mohamed Alsaid Abdelrahman	2220357
2-	Mohamed Gaber Al-Basiouni Salem	2220362
3-	Mostafa Mohamed Elmasry	2220476
4-	Saga Hamed Mohamed	2220194
5-	Mohamed Hussien Fawzy	2220368

### Frontend (UI)

1-	Youssef Gaber Diab	2220528
2-	Mohamed Shawqy Shoair	2220381
3-	Mariam Mohamed Ali	2220461
4-	Aya Megahed Zaki	2220099
5-	Mahmoud Diaa El-Din Mahmoud	2220433
6 -	Salma Sherif Saleh	2220199

# Thank You