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Chosen Technology Stack

☒ Python + Django   ☐ Python + TkInter

Features Implemented for Phase 1

- Implemented Feature 1 Sign Up / Sign In
- 1.1 Create new Candidate Profile
- 1.2 Create new Recruiter Profile
- 1.3 Log-in
- 1.4 Log-out

Persistent Storage Design

We are using SQLite database to persist our data. Our database includes the tables shown in Figure 1. It contains 2 tables. The Post table which includes the attributes JOB_TYPE, position, type, location, skills, description, company, expiration, and status. The Post table stores all the necessary information for Feature 2.2 which is where we allow recruiters to create posts. Our second table is the User table which contains the attributes USER_TYPES, name, zipcode, username, password, user_type. It also contains the attributes profile_bio, education, github, experience, and skills for candidates; the User model then contains the company attribute for recruiters. The User table is used for collecting the necessary data that candidates and recruiters need to provide to the application in order to create their respective candidate and recruiter profiles.
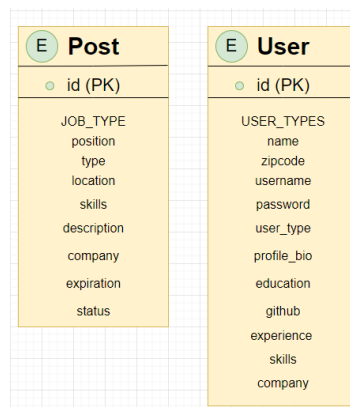

Figure 1 database schema

Demonstration of the Features Implemented for Phase 1

It should have at least one screenshot per feature. This should include not only the screenshots but also an explanation for them! Make sure the screenshots have good resolution (i.e., they can be readable when printed).

Feature 1.1

Figure 2 shows a screenshot for Feature 1.1. Feature 1.1 is where a user can create their own candidate profile. This will allow recruiters to view a candidate's profile and potentially set up a future job opportunity for the candidate user.

Figure 1 Screenshot for Feature 1.1 showing the web page where a user can create a candidate profile

Feature 1.2

Figure 3 shows a screenshot for Feature 1.2. Feature 1.2 is where a user can create their own recruiter profile. This will allow candidates to view potential recruiters' profiles and set up a potential meeting and/or job opportunity for the candidate.

Create Candidate

Name: [_____]

Company: [_____]

Zipcode: [_____]

Username: [_____]

Password: [_____]

[Submit]

Figure 2 Screenshot for Feature 1.2 showing the web page where a user can create a recruiter profile

Feature 1.3

Figure 4 shows a screenshot for Feature 1.3. Feature 1.3 allows a user to Log-in. After a user has already created his or her own profile s/he need to be able to access the web application without having to create a new profile. Therefore, the Log-in feature allows the user this functionality.

Login

Username: [db] 🔑

Password: [••]

[Login]

Figure 3 Screenshot for Feature 1.3 showing the web page where a user can Log-in

Feature 1.4

Figure 5 shows a screenshot for Feature 1.4. Feature 1.4 allows a user to Log-out. After a user has finished using our TinDev web application he or she might want to log out of the site. Therefore, the Log-out feature allows the user this functionality.

Figure 5 Screenshot for Feature 1.4 showing the web page where a user can Log-out