SWE- Term Project Proposal

Group number: 11 - Group ID: 6449

Group Members:

Mariam Elraggal   6429

Ahmed Elselmy   6449

Nada Samy   6357

Introduction:

1) Purpose

As a junior, senior, and even if you've got a lot of working experience, it may be difficult to find a job that is suitable for you. The Career Finder System will help those seeking work find their perfect job as fast as possible with the required specifications.

Career Finder System is a social network that focuses on professional networking and career development.

You can use the Career Finder System to display your resume, search for jobs, and enhance your professional reputation by posting updates and interacting with other people.

2) Definition:

We are going to use PHP, Laravel with HTML and CSS to develop our website along with MySQL for interacting with the database. The database will be used to store the information of the existing users and the new users that will register. It will also store the information of the available jobs and the history of applications of each user.

The types of users that will use the website are as follows:

- Website Admin
- Company Admin
- Job Seeker (User)

We plan to make different interfaces for each type of user as they will use the website differently. A login/registration will be required from each type of user before accessing their profiles.

1. Website Admin:
   The website admin can perfume functionalities relating to the addition/deletion of a company from the website. Therefore, the company will be deleted from the database or if a new company will be added then its information will be added to the database. These changes will be reflected back to the customer when searching for companies or jobs.

2. Company Admin:
   This type of user can access the company profile to see all the statistics including:
   - The total number of applications (past + present).
   - The number of upcoming applications.
   - The total number of active posted jobs.

   They can also perform other functionalities like:

   - Post a new job on the website homepage.
   - Edit company information on the company profile.

3. Customer:

Upon login the user can either search for a specific company or enter the name of the job that they would like to apply to then the system will show a list of prospective jobs. Afterwards, the user can start applying to a specific job or search again. In the application stage, the customer will be required to enter all essential info in order to be able to store it in the database and confirm the application. The user can also go to their profile where they can see all their past applications. They can also edit their information on the profile.

3) Goals and objectives:

- Find best candidates who fit the company's needs and contribute to the organization's goals.
- Create a pool of qualified candidates to ensure the organization can hire the best employee.
- Ensure the job description and hiring process meet your company requirements.
- Allow user to easily find and apply to a job related to his field.
- User can gather information about companies' requirements to prepare himself.

4) Plan:

We will be using agile methods to develop our system because it will allow us to continuously update our requirements and the priority of each requirement as the project is developed. We will be working on weekly sprints to finish our project starting with the modeling diagrams to model each part of the system as needed and then moving forward to the design of the database.

We will deliver a website that preforms the above functionality and report with our progress week by week explaining what was accomplished in each sprint along with the needed documents including the modeling diagrams, requirements document…etc.