

Assignment 1

members of the group:

Gad Gadi Hasson
Vladislav Rabinovich
Shifra Avigdor
Ariel Ariav
Yuval Hazut
Avigail Benitta

submits the assignment:

Ariel Ariav

Candidates:

Requirement number 1

A Candidate would be able to login to the system and use his ID and password to log in to his account.

User story:

1.1 As a candidate, I want to register to the system using my ID and password because I want to search for available jobs.

1.2 As a candidate, I want to login into my account using my credentials To see my job application status.

Tasks:

- 1.Create menu asking whether the person wants to login or register to the system
- 2.Create an intuitive login menu with fields for candidates to enter their ID and password.

Requirement number 2

As part of the system registration process, the candidate will be required to fill in personal details.

In addition, a free text for the candidate to tell about himself to create a personal profile.

User story:

As a candidate, I want to be able to enter personal details and tell about myself during registration because I want the relevant parties to know exactly who I am to match a suitable job.

Tasks:

1. Create a friendly registration system menu where the candidate will fill in personal details fields such as email, phone number, age, gender, id, work experience, residence, specialty and password.
2. Include a specific section where candidates can provide a brief narrative or description about themselves, including their skills, strengths, and career objectives.
3. Develop the backend logic to securely store the entered personal details in the database. (Optional requirement)

Requirement number 3

The candidate would be able to look for jobs by different features

User story:

As a candidate, I want to be able to look for jobs by different features

Because I want to choose the job that suits me best.

Tasks:

1. We will create a filter for the candidate according to: job scope (full time \ part time), residence, occupation and seniority.
2. We will allow the candidate to create free text to make himself stand out in front of the employer

Requirement number 4

The candidate would be able to submit their resume.

User story:

As a candidate, I want to be able to submit my resume

Because I want the employers to see my background.

Tasks:

1. We will present the candidate some tips that will help him write his resume in an optimal way.
2. We will create a place where the candidate can attach a file path with his resume.

Requirement number 5

The candidate would be able to view all of his submission's history.

User story:

As a candidate, I want to be able to view all of my submission's history

Because I want to know which position I have already applied for.

Tasks:

1. Create a page that contains all the jobs that the candidate has applied for.
2. Each job submitted will include the following details: position, company name, submission date, and application status.
3. The candidate will be able to filter or sort their submission history based on the date the application was submitted.

Requirement number 6

The candidates would be able to edit their profile.

User story:

As a candidate, I want to be able to edit my profile

Because I need to update my details so that they are the most accurate.

Tasks:

1. Create a menu where the user can choose which field he would like to edit, including: the candidate's personal information, contact details, qualifications, education and work experience.
2. Create an option for the candidate to easily edit his profile using the "Edit" button next to the field he would like to change.
(Optional requirement)
3. Display confirmation messages or alerts to let candidates know when their profile changes have been successfully saved.

Employer:

Requirement number 1

The employer would be able to register and login to the system and use his ID and password to log in to his account.

User story:

1.1 As an employer, I want to register in the system using my details because I want to look for employees for my company.

1.2 As an employer, I want to log in to the system using my ID card and a password because I want to view candidate applications submitted to my company.

Tasks:

1. The employer will be presented with "Log in" or "Register" buttons and he will choose the appropriate option.
2. If the employer selects the "Log in" option, he will enter his ID card and password.
3. If the employer chooses the "registration" option, create a friendly registration system menu in which the employer will fill in details fields about first and last name, ID card, company name, email and contact phone number.
4. The system will verify the input data to make sure it meets the required criteria (strong password containing letters and numbers, valid email) (Optional requirement)
5. Handle cases of incorrect input, providing appropriate error messages.

Requirement number 2

The employer would be able to publish, delete and update a job.

User story:

2.1 As an employer, I want to be able to publish a job because I want to look for employees for my company.

2.2 As an employer, I want to be able to delete a job because I have enough workers for this job.

2.3 As an employer, I want to be able to update a job because I want to update the site with the relevant jobs only.

Tasks:

1. Create a menu where the user will choose which action he wants to perform (add/delete/edit).
2. Create a data structure that will store and secure each employer's job data.
3. For each position, we will require the employer to fill in details fields about the company and the position, such as the location of the office, occupation, scope of the position (full/part-time position), job requirements, conditions and contact phone number.

Requirement number 3

The employer would be able to view all the job opportunities he has published.

User story:

As an employer, I want to be able to view all the job opportunities I published because I want to make sure there are no duplicates or jobs that are no longer relevant.

Tasks:

1. Create an option in the main menu "view all my jobs" .
2. Selecting the "view all my jobs" option will print the employer's job list in default order (date order).
3. Create a search option based on the job title or part of it, and print only the jobs whose name contains the characters entered by the employer.
4. The job list will be printed so that each job has a separate line that will contain the following details: job title, publication date, number of registered candidates.

Requirement number 4

The employer would be able to view the profiles of the candidates who submitted their resumes for a job he has published.

User story:

As an employer, I want to be able to view the profiles of the candidates who submitted their resumes for a job I published because I want to check which of them is suitable for the job.

Tasks:

1. Create an option in the employer menu to view the profiles of candidates who have sent resumes for a specific position.
2. Include information about the submission date and status of each candidate's application to provide context to the employer.
3. Allow the employer to edit the application status of each candidate (not relevant, invited to a job interview, accepted).
4. Add a search feature that allows employers to quickly find specific candidates based on name, qualifications, or other relevant keywords.

additional requirements:

number 1:

The candidates will be able to calculate their salary based on hourly salary, number of working hours per month and tax percentage.

User story:

As a candidate, I want to be able to Use a salary calculator

Because I want to know the salary of the position I applied for.

Tasks:

1. Create an option on the candidate's main page to access the salary calculator.
2. Open the algorithm to calculate the estimated salary based on the factors provided.
3. Ensure that the user interface allows applicants to enter relevant factors easily, with clear instructions in each input field.

number 2:

Candidates will be able to fill in feedback on various factors on the program such as the salary calculator and the efficiency of the system.

User story:

As a system programmer, I want to be able to get feedback from users

Because we want to continuously improve our system.

Tasks:

1. Add an option for users to provide feedback anonymously, encouraging more honest responses.
2. include a rating system in the feedback form to quantify user satisfaction or dissatisfaction.
3. Set up notifications or alerts to notify site builders immediately when new feedback is submitted.
4. create a system for responding to user feedback, acknowledging their input, and communicating any changes or improvements made.

non-functional requirements:

number 1:

The system should ensure the security of user data, especially sensitive information such as passwords and ID details.

user story:

As a user, I want to assurance that my personal information, including sensitive details like passwords and identification information is secure, Because I want to maintain the confidentiality of my data and prevent unauthorized access.

number 2:

The system should be compatible with a variety of devices and web browsers to ensure a consistent user experience.

user story:

As a user, I want to access the system seamlessly from different devices and web browsers Because this allows me to use the platform flexibly, whether I'm on a desktop, tablet or mobile device, using different browsers.

number 3:

Define the load testing requirements to ensure the system can handle a specified number of concurrent users.

user story:

As a system manager, I want to set up and run load test Because I want to ensure that the system can efficiently handle a set number of users at the same time and keep the platform responsive even during peak usage periods.

