

## Job search-User story

### candidate

#### **1. As a candidate, I can register to the system, so that I can create a candidate account.**

- 1.1 once entering the website will be printed the following menu:  
A- "log in " B- "register". Once pressing: B, will be printed the following menu: 1-candidate , 2-employer.
- 1.2 Once pressing 1 , a page with the following fields will be displayed:
  - 1.2.1 User name- first name + last name. Up to 20 characters.
  - 1.2.2 ID – contains exactly 8 digits + check digit. In total 9 digits.
  - 1.2.3 Email address- valid email address. Valid email will contain the following:
    - 1.2.3.1 Only characters a-z/A-Z.
    - 1.2.3.2 Numbers- optional.
    - 1.2.3.3 periods and dashes-optional.
    - 1.2.3.4 last portion of domain will be: .com, .org, .il – required.
    - 1.2.3.5 must contain at sign(@) – required.
  - 1.2.4 phone number- phone number includes:
    - 1.2.4.1 First digit will be 0.
    - 1.2.4.2 In total will be 10 digits.
  - 1.2.5 birth date-
    - 1.2.5.1 birth date consists of digits and periods.
    - 1.2.5.2 Birth date will be in this form: month. Day. Year.
    - 1.2.5.3 Year in range: 2006-1924.
    - 1.2.5.4 Month in range: 1-12.
    - 1.2.5.5 Valid day according to month.
  - 1.2.6 password- chosen password will contain:
    - 1.2.6.1 At least 8 characters.
    - 1.2.6.2 At least 1 lowercase letter, 1 uppercase letter.
  - 1.2.7 CV-
    - 1.2.7.1 candidate will be asked to fill the following fields:
      - 1.2.7.1.1 Summary
      - 1.2.7.1.2 Experience
      - 1.2.7.1.3 Education
      - 1.2.7.1.4 Licenses & certifications
      - 1.2.7.1.5 Skills
      - 1.2.7.1.6 Honors & awards
    - 1.2.7.2 All fields are optional if user does not want to fill field- he enters "none".
    - 1.2.7.3 If field is "none", said field will not appear in his resume.
    - 1.2.7.4 All filled fields will be saved in database as part of the user's resume.
    - 1.2.7.5 The system will build resume for user. Resume form will be:
    - 1.2.7.6 In top left corner: name(user name).
    - 1.2.7.7 Bellow user name will be user email updated in system.

- 1.2.7.8 below email will be displayed fields from above in the same order. The field names will be highlighted.
  - 1.3 all fields from 1.2 are required fields.
  - 1.4 Once fields are filled as required- the system will save the details and create a user(candidate) account according to the input above.
  - 1.5 After account is created, user will be navigated to personal area.
- 2. As a candidate, I can write a free text in the registration process, so that I can create a personal profile and enable potential employer know more details about me.**
  - 2.1 in the registration process, after the requirement fields will be an optional field(after "CV" field).
  - 2.2 This field will contain text up to 500 letters.
  - 2.3 In this field, user can tell about himself.
- 3. As a candidate, I can log in to the system, so that I can view published jobs, and submit applications.**
  - 3.1 Once pressing the A for "log in", the following steps occur :
    - 3.1.1 a screen will be displayed asking the user to enter all the following details:
      - 3.1.1.1 id registered in the system.
      - 3.1.1.2 password registered in the system.
    - 3.1.2 After entering these details, the system will check if all 2 details belong to the same account.
    - 3.1.3 if input meets the requirements, user will be navigated to personal area. If not, a screen with the following message will be displayed: "1 or more details are incorrect, please try again".
- 4. As a candidate, I can log into my personal area so that I can manage my job search efficiently by viewing my application history, seeing job offers I've liked, and editing my profile.**
  - 4.1 In "personal area" there is the following menu:
    - 1- edit profile
    - 2- all jobs
    - 3- filter jobs
    - 4- submit job
    - 5-like job
    - 6- submission history
    - 7- log out
  - 4.1.1 "edit profile"- where candidate can update his profile details.
  - 4.1.2 "all jobs"-all the jobs uploaded to the site will appear in no particular order.
  - 4.1.3 "filter jobs"- where candidate can look for a job by features.
  - 4.1.4 "submit job"- where candidate can apply to a job.
  - 4.1.5 "like job"- in this option will be printed the following menu:
    - 4.1.5.1 "like a job"- where candidate can mark a job as liked.
    - 4.1.5.2 "un-like a job"- where candidate can mark a job as Un-liked

4.1.5.3 “jobs I liked” - where candidate can view all liked jobs.

4.1.6 “submission history” - all jobs user applied to- appear.

4.2 A candidate will not be able to access a personal area that is not his.

**5. As a candidate, I can edit my user profile, so that I can update details.**

5.1 once pressing 1 for “edit profile” in “personal area”, only the following fields could be edited. Fields that can be edited will be printed as a menu:

- 1- user name
- 2- email
- 3- phone number
- 4- password
- 5- cv
- 6- update

5.1.1 Full name- first name + last name is required. Up to 20 characters.

5.1.2 Email address- valid email address. Valid email will contain the following:

5.1.2.1 Only characters a-z z/A-Z.

5.1.2.2 Numbers- optional.

5.1.2.3 Periods and dashes-optional.

5.1.2.4 Last portion of domain will be: .com, .org, .il – required.

5.1.2.5 Must contain at sign(@) – required.

5.1.3 phone number- phone number will include:

5.1.3.1 First digit will be 0.

5.1.3.2 In total will be 10 digits.

5.1.4 password- chosen password will contain:

5.1.4.1 At least 8 characters.

5.1.4.2 At least 1 lowercase letter, 1 uppercase letter.

5.1.5 CV-

5.1.5.1 candidate can edit(rewriting text) the following fields:

- 5.1.5.1.1 Summary
- 5.1.5.1.2 Experience
- 5.1.5.1.3 Education
- 5.1.5.1.4 Licenses & certifications
- 5.1.5.1.5 Skills
- 5.1.5.1.6 Honors & awards
- 5.1.5.1.7 All fields are optional.

5.1.5.2 If user does not fill a field(or deletes) he enters “none”, and said field will not appear in his resume.

5.1.5.3 All filled fields will be saved in database as part of the user's resume.

5.1.5.4 The system will update current resume according to input in accordance with the old fields.

5.1.5.5 If user changed his email address or user name in 5.1.2 and 5.1.1- user name or email will be updated in resume as well.

- 5.1.6 After user changes fields according to requirements, he press 6 for update, and the system updates the details according to users input.

**6. As a candidate, I can look for a job by features, so that I can filter out irrelevant jobs.**

- 6.1 User navigates to “personal area” and then to “filter jobs”.
- 6.2 “Filter jobs” will contain The following options:
  - 1- location
  - 2- job type
  - 3- role
- 6.2.1 “location”. Location will contain the following options:
  - 1- north
  - 2- south
  - 3- center
  - 4- haifa
  - 5- Tel aviv
  - 6- Judea and Samaria
  - 7- to filter chosen location
- 6.2.2 “Job type”. Job type will contain the following options:
  - 1- full time
  - 2- part time
  - 3- student
  - 4- special needs
  - 5- to filter chosen job type
- 6.2.3 “role”. Role field will contain the following options:
  - 1- teaching
  - 2- engineering
  - 3- law
  - 4- medicine
  - 5- research
  - 6- sales
  - 7- restaurants
  - 8- cleaning
  - 9- economy
  - 0- to filter chosen job type
- 6.3 user can select without limitation and navigate between options above.
- 6.4 after pressing 0 from “role” options will be displayed all the jobs in the system that meet all user requests.

**7. As a candidate, I can submit my resume, so that employers can view it.**

- 7.1 Navigate to personal area to 4- submit job. once pressing 4 user will be asked to enter id of job he wants to apply to.
- 7.1.1 If job exists- user will be applied to said job.
- 7.1.2 Said job user applied to, is added to submission history.

- 8. As a candidate, I can view my submission history, in order to track submissions.**
  - 8.1 Navigate to “personal area” and then to “submission history”.
  - 8.2 in “submission history” all submitted jobs appear.
  - 8.3 Submitted jobs appear From latest(by the date the user applied to the job) submissions to oldest in descending order.
- 9. As a candidate, I can view a “submitted” mark on a job I submitted to, so that I can avoid multiple submissions.**
  - 9.1 When submitted is pressed, the text “submitted” is shown on the job.
  - 9.2 “submitted” will be in left bottom corner of the job.
  - 9.3 “submitted” is displayed on said job as long as the job is not removed by publisher.
  - 9.4 Only the candidate who applied to this job sees “submitted” on said job.
- 10. As a candidate, I can mark a job I liked, so that I can examine it later.**
  - 10.1 Navigate to personal area ->like job->like a job.
  - 10.2 User will be asked to enter id of job in order to like said job.
  - 10.3 If job exists- it will be added to liked jobs for candidate.
  - 10.4 User can remove liked job by navigating to personal area->like job->Un-like a job. User will be asked to enter id of job in order to mark it as un-liked.
  - 10.5 If job is liked by candidate, will appear on screen a full heart right to job date. If job is not liked- heart will be empty.
- 11. As a candidate, I can view the date of published job, so that I can ensure the job is up to date.**
  - 11.1 To Every published job, the date it was published is saved in database.
  - 11.2 This date appears to the left of “heart” sign in this form: “posted in” – date—
  - 11.3 Date appears in form: month. Day. Year.
  - 11.4 Date is a part of job details.
  - 11.5 said date cannot be updated.

## **Employer**

- 1. As an employer, I can register to the system, so that I can create an employer account.**
  - 1.1.1. once entering the website will be printed the following menu:
  - 1.1.2. A- “log in “ B- “register”. Once pressing: B, will be printed the following menu: 1- candidate , 2-employer. When selecting 2 user will need to enter following requests.

- 1.1.3. User name- first name + last name. Up to 20 characters.
- 1.1.4. ID – contains exactly 8 digits + check digit.
- 1.1.5. Email address- valid email address. Valid email will contain the following:
  - 1.1.5.1. Only characters a-z /A-Z.
  - 1.1.5.2. Numbers- optional.
  - 1.1.5.3. periods and dashes-optional.
  - 1.1.5.4. last portion of domain will be: .com, .org, .il – required.
  - 1.1.5.5. must contain at sign(@) – required.
- 1.1.6. phone number- phone number includes:
  - 1.1.6.1. First digit will be 0.
  - 1.1.6.2. In total will be 10 digits.
- 1.1.7. birth date-
  - 1.1.7.1. birth date consists of digits and periods.
  - 1.1.7.2. Birth date will be in this form: month. Day. Year.
  - 1.1.7.3. Year in range: 2006-1924.
  - 1.1.7.4. Month in range: 1-12.
  - 1.1.7.5. Valid day according to month.
- 1.1.8. password- chosen password will contain:
  - 1.1.8.1. At least 8 characters.
  - 1.1.8.2. At least 1 lowercase letter and 1 uppercase letter.
- 1.2. all fields from 1.1 are required fields.
- 1.3. Once fields are filled as required, the system will save the details and create a user(employer) account according to the input above.
- 1.4. After account is created, user will be navigated to personal area.

**2. As an employer, I can log in to the system, so that I can directly manage job listings and review applicant submissions.**

- 2.1. Once pressing the A for “log in” ,the following steps occur :
  - 2.1.1. a screen will be displayed asking the user to enter all the following details:
    - 2.1.1.1. id registered in the system.
    - 2.1.1.2. password registered in the system.
  - 2.1.2. After entering these details, the system will check if all 2 details belong to the same account.
  - 2.1.3. if input meets the requirements, , user will be navigated to personal area. If not, a screen with the following message will be displayed: “1 or more details are incorrect, please and try again”.

**3. As an employer, I want to log into my personal area, so that I can efficiently manage my recruitment process.**

- 3.1. In “personal area” there are 4 options:
  - 1- submission history
  - 2- candidate submission
  - 3- publish a job

- 4- exit
- 3.1.1. "submission history"- the following menu will be printed:
  - 1- all submitted jobs
  - 2- update a job
  - 3- delete a job
  - 4- back to personal area
- 3.1.2. "candidate submission"- where employer can view profiles of candidates who applied to jobs he has published.
- 3.1.3. "publish a new job"- Where employer can post a new job.
- 3.2. An employer will not be able to access a personal area that is not his.

**4. As an employer, I can publish a job, so that I can attract qualified candidates and fill open positions within my organization efficiently.**

- 4.1. To publish a job, navigate to "personal area" -> "publish new job" and fill the following fields:
  - 4.1.1. "Company name"- Name recruiting company- Required.
  - 4.1.2. "Role"- one from the following is selected-Required.
    - 4.1.2.1. teaching
    - 4.1.2.2. engineering
    - 4.1.2.3. law
    - 4.1.2.4. medicine
    - 4.1.2.5. research
    - 4.1.2.6. sales
    - 4.1.2.7. restaurants
    - 4.1.2.8. cleaning
    - 4.1.2.9. economy
  - 4.1.3. "Job description" – optional- to not fill enter "none".
  - 4.1.4. "Job requirements" – optional- to not fill enter "none".
    - 4.1.4.1. a free text box up to 100 letters.
    - 4.1.4.2. The following text will be printed as suggestion:  
"You might want to include the following suggestions: degree, languages, experience, valid license holder, personal skills...".
  - 4.1.5. "Job type"- required.
    - 4.1.5.1. Job type include the following options:
      - 4.1.5.1.1. Full time.
      - 4.1.5.1.2. Part time.
      - 4.1.5.1.3. Student .
      - 4.1.5.1.4. Special needs.
    - 4.1.5.2. In 4.1.5.1 One or more options can be selected.
  - 4.1.6. "Job conditions"-optional to not fill enter "none".
    - 4.1.6.1. Job condition will be string input

- 4.1.6.2. string is up to 50 letters.
  - 4.1.6.3. The following text will be printed as suggestion: "You might want to consider the following suggestions: wage, transportation, car job, "TenBis" discount"...
  - 4.1.6.4. "Location"- required.
    - 4.1.6.4.1. Location –one from the following options is selected: North, South, Center, Haifa, Tel Aviv, Judea and Samaria.
- 4.2. Fields from 4.1 appear in the same order as presented above.
- 4.3. Once entering all input as required- the job is uploaded to the website and saved in history submission of employer.
- 4.4. Details from 4.1 will appear in in this order in the job the user(candidate)sees .
- 4.5. To Every published job there is id saved in database (id is chosen by the system).
- 4.6. A screen with the following message will be displayed: "job was successfully posted".  
To view job details go to submission history".
- 5. As an employer, I can delete a job, so that I can remove irrelevant or taken jobs.**
  - 5.1. To delete a job, navigate to "personal area" -> "submission history"->"delete a job".
  - 5.2. User will be asked to enter Id of the job he wants to delete.
  - 5.3. Once pressing "delete" the following message will be displayed: "are you sure you want to delete this job? " and this menu will be printed:
    - 1- yes
    - 2- no
  - If user select 1 for yes and job exists- , job is removed permanently from database.  
And a message: "job is successfully deleted", is displayed on screen.
  - 5.3.1. If "no" is selected, job is not removed, and current message from 5.4 is closed.
- 6. As an employer, I can update a job, so that I can change job details.**
  - 6.1. To update a job, navigate to "personal area" -> "submission history"->"update a job"
  - 6.2. User will be asked to enter Id of the job he wants to update.
  - 6.3. All fields can be changed according to requirements of said fields(fields are detailed in section 4.1 of employer).
  - 6.4. After changing fields, user select "update" which appear in menu after last field that can be updated.
  - 6.5. Once selecting: "update", new details are saved in database instead of old ones.
  - 6.6. The message: "job was successfully updated" appears.
- 7. As an employer, I can view the profile of the candidate who applied for a job I have published, so that I can evaluate their qualifications, experience, and potential fit for the role and my organization.**
  - 7.1. Navigate to "candidate submissions" in "personal area".
  - 7.2. In "candidate submission" all details of users who applied to job posted by employer-appear.
  - 7.3. details printed will be cv details only.



**8. As an employer, I can view jobs I have published, so that I can stay informed about their status and effectively oversee the hiring progress.**

- 8.1. Navigate to “submission history” in “personal area”.
- 8.2. In “submission history” all jobs published by employer will be printed.

**Non-functional requirements**

- 1. As a system administrator, I can restrict the number of users accessing the website simultaneously, so that I can prevent site crashes and ensure a smooth, uninterrupted service for all users.
- 2. As an information security expert, I can implement restrictions on the contact details that users are allowed to reveal, so that I can ensure all communication passes through secure, monitored channels, maintaining user privacy and data protection.
- 3. As a cybersecurity expert, I can configure the system to restrict the number of unsuccessful login attempts a user can make, so that I can identify and thwart potential hacking attempts.

**Future requirements-optional**

- 1. As a candidate, I can upload a CV file directly from my files, So that I can present my qualifications and experiences in my own chosen format, showcasing my unique skills and experiences in a way that best represents me.
- 2. As a site worker, I can interview optional candidates and according to the interview result, decide whether to allow them to create a user profile, So that I can create a selection of only high-quality candidates.
- 3. As a candidate, I can contact a supporter representative, so that I can get technical assistance.
- 4. As a candidate, I can add recommendations, so that I can enhance my profile's credibility and attractiveness to potential employers.