Requirement Name	Run the program and display a system login menu.			Requirement ID	1.0
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The user will be presented with a selection menu of user types: 1. Existing candidate (Re 1.1). 2. Existing employer (Re 1.2). 3. New candidate (Re 1.3). 4. New employer (Re 1.4). The user will be prompted to enter input depending on the relevant user type.

Requirement Name	Selecting an existing candidate.			Requirement ID	1.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	An existing candidate will be asked to enter identifying information (username and then password). If the input is not correct, a message will be printed accordingly and additional attempt will be given to insert input. If the input is correct and the candidate does exist in the system, then the candidate will be routed to designated selection menu. (Requirement 3.3)

Requirement Name	Choosing an existing employer.			Requirement ID	1.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	An existing employer will be asked to enter identifying information (username and then and password). If the input is not correct, a message will be printed accordingly and additional attempt will be given to insert input. If the input is correct and the employer does exist in the system, the candidate will be routed to designated selection menu. (Requirement 2.1)

Requirement Name	Registration of a new candidate.			Requirement ID	1.3
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	If he chooses the option of a new employee, he will be asked to type in a username, full name, age, telephone number, password and password confirmation.
	The username will be checked if it does not already appear in the system.
	If the username exists, a message will be printed that the user already exists and will be returned to the login menu.
	The password will be checked according to the criteria:
	1. At least 6 characters.
	2. English letters and numbers only.
	3. At least one uppercase letter and at least one lowercase letter.
	Then depending on the user's choice will be transferred to the relevant menu (requirement 3.3)

Requirement Name	New employer registration.			Requirement ID	1.4
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	If he chooses the option of a new employer, he will be asked to type in a username, business name or full name if there is no registered business, password and password confirmation. The business name or full name has no check. The username will be checked if it does not already appear in the system. If the username exists, a message will be printed that the user already exists and will be returned to the login menu. The password will be checked according to the criteria: 1. At least 6 characters. 2. English letters and numbers only. 3. At least one uppercase letter and at least one lowercase letter. Then depending on the user's choice will be transferred to the relevant menu (requirement 2.1)

Requirement Name	Employer login to the system			Requirement ID	2.0
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer connects to the system, a menu will be displayed in which he can select an action by entering a suitable number. The employer will be transferred directly after logging in to the "employer" main selection menu (requirement 2.1).

Requirement Name	Displaying a selection menu to the employer			Requirement ID	2.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The following menu will be presented to the employer:
	1. Post a new ad on the board. (Requirement 2.2)
	2. Delete an existing ad from the board. (Requirement 2.3)
	3. Update an existing ad on the board. (Requirement 2.4)
	4. View ads posted by the employer connected to the system. (Requirement 2.5)
	5. View profiles of candidates who have submitted resumes for the appropriate position. (Requirement 2.6)
	6. Job search by custom characteristics. (Requirement 2.7)
	7. Promotion of a job by means of payment. (Menu with options for selecting ancient). (Requirement 2.8)
	8. Changing the login password. (Requirement 2.9)
	9. 9. Disconnecting from the system. (Requirement 2.10)

Requirement Name	Post a new job on the board.		Requirement ID	2.2
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer selects the option of "Publishing a new ad on the board", the employer will be given the option to add a new position by entering relevant details:
	1. Job location (selection menu: "1. North 2. Center 3. South" by entering a suitable number).
	2. Selection of a job type (selection menu: "1. full-time job 2. part-time job" by entering an appropriate number).
	3. Choosing an employed profession.
	4. Input of integer number – years of experience.
	5. Free text - will be possible to enter details about the job.

Requirement Name	Delete an existing ad from the board.			Requirement ID	2.3
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer selects the option to "delete an existing ad from the board" he will be presented with a list of all the jobs he has published (sorted in numerical order), the employer will be given the option to type a number for the job he wants to remove from the board.
	If it exists, the position will be removed from the board.
	If the ad does not exist, an error message will be displayed and additional attempt will be given.

Requirement Name	Update an existing job from the list.			Requirement ID	2.4
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer selects the option "Update an existing job from the list" he will be presented with a list of all the jobs he has published (sorted by numerical order), the employer will be given the option to type a number for the job he wants to update.
	Then it will open a menu with the options to change:
	1. Job location (selection menu: "1. North 2. Center 3. South" by entering a suitable number).
	2. Selection of a job type (selection menu: "1. full-time job 2. part-time job" by entering an appropriate number).
	3. Choosing an employed profession.
	4. Input of integer number – years of experience.
	5. Free text - will be possible to enter details about the job.

Requirement Name	View jobs posted by the employer logged in.			Requirement ID	2.5
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer selects the option of "View ads published by him" he will be presented with a list of all the jobs he has advertised (sorted in numerical order). When done, it will be returned to the main menu for further operations.

Requirement Name	View profiles of candidates who have submitted resumes for the appropriate position.			Requirement ID	2.6
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer has selected the option of "Viewing the profiles of candidates who have submitted resumes for the appropriate position", he will be presented with a list of all the positions he has published (sorted in numerical order). The employer will be given the option of entering a number for the relevant job. After selecting the job, he will be shown a list of all candidates profiles and the resumes who applied for that position. When done, he will be returned to the main menu for further operations.

Requirement Name	Search for a job by custom characteristics.			Requirement ID	2.7
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer selects the option of "Search for a job according to custom characteristics", he will be presented with a list of all the jobs (sorted in numerical order). The employer will be given the option to filter jobs by absorbing relevant characteristics in the search: 1. Work location (selection menu: "1. North 2. Center 3. South" by entering a suitable number). 2. Selection of a job type (selection menu: "1. full-time job 2. part-time job" by entering an appropriate number). 3. Choosing an employed profession. 4. Entering a number of years of experience required for the position. When done, he will be returned to the main menu for further operations.

Requirement Name	Payment for job promotion			Requirement ID	2.8
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer selects the option of "View ads published by him" he will be presented with a list of all the jobs he has advertised (sorted in numerical order). The employer will then be able to choose a job that he wants to promote by entering the appropriate job number. If the job exists, Will be moved to the second stage - ad promotion interface (selection of number of promotion days) If the position has already been promoted it will not be possible to promote again.

Requirement Name	Payment for job promotion stages - Stages of payment for job promotion		Requirement ID	2.8.1
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The employer will have the ability, after creating an ad, to enter the ad-promotion system. The employer will need to select the "Promote Ad" option through the user interface to access the promotion interface

Requirement Name	Ad Promotion Interface - Step One (Ad Selection)		Requirement ID	2.8.2
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After entering the interface, the user will be shown all the ads he has posted and are currently running. (Ads will contain their headlines and index) He will be able to choose from the list which ad he wants to promote. (Ads already promoted will be hidden and will not be promoted again) He will make the selection by selecting the index of the ad If the selection is correct - it will be moved to the next step

Requirement Name	Ad Promotion Interface - Step Two (number of days selection)		Requirement ID	2.8.3
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The user will be presented with a message asking him how many days he is interested in promoting the ad and he will be asked to enter a numeric value. Once a valid value has been entered it will be moved to the next step

Requirement Name	Number of days check			Requirement ID	2.8.4
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The system will check the value entered into the system and make sure that there are no forbidden characters (such as letters, symbols, etc.)
	If the value is incorrect, a message will be displayed accordingly and the user will be asked to re-enter the data.
	The number of days shall not be less than one day and not longer than 365 days (year)

Requirement Name	Ad Promotion Interface - Step Three (View Payment Amount and Ad Information)			Requirement ID	2.8.5
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After receiving a valid value for several days of promotion of the ad, the employer will be presented with a message about the amount to be paid for the promotion and the details of the ad that will be promoted. (The amount will be calculated by multiplying the number of days by the price determined by the company - for now it will be 3$ per day) - for example: for 7 days the amount will be 7 * 3 = $ 21

Requirement Name	Ad Promotion Interface - Step Four (Credit Card Entering Step)			Requirement ID	2.8.6
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After agreeing to the previous step, an interface will be displayed with the details required to complete the payment, in addition the payment amount will be displayed. The required details will be: 1) Name of credit card holder 2) Credit card number 3) Credit card validity 4) Last 3 digits on the back of the credit card Each of the details will be tested according to the requirements: The user will fill in one detail at a time, this will be done by tapping one of the digits in the list (1-6) The system will not be able to store credit card information due to user privacy. After entering all the details another option will appear to the user 5) OK

Requirement Name	Full name check			Requirement ID	2.8.7
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The details will be string and the system will make sure there are no numbers and signs.(Only English characters)

Requirement Name	ID check			Requirement ID	2.8.8
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Checking the ID card according to the Luhn algorithm

Requirement Name	Check credit card information			Requirement ID	2.8.9
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Credit card details check as with ID number using Luhn algorithm.

Requirement Name	Credit card payment (Non-functional).			Requirement ID	2.8.10
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After filling in all the details and selecting the clearing option, the system will clear the user's credit card with the entered details and the amount will be transferred to the Job Search System company account.

Requirement Name	Marking a job as promoted			Requirement ID	2.8.11
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Gleb Tcivie	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer credit card will be charged a "*" and end promotion date will be added to the promoted post (the date will be hidden). With the "*" mark the post could be identified and the program will be able to color the post in promoted color and place it in the top of the search dashboard.

Requirement Name	Password Replacement			Requirement ID	2.9
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

<u>Application Analysis</u>

Detailed description	After the employee choose the option of password changing he will be asked to enter the new password according to the following: 1. At least 6 digits. 2. English letters and numbers only. 3. At least one capital letter and one small cap letter. And after following those instructions the employee will be asked to reenter the new password. In condition the employee has entered a similar password to the old password there will be shown an error and the employee will get another try to change the password.

Requirement Name	Log out from the system - Employer		Requirement ID	2.10
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the employer chose the option of logging out from the system there will be shown an exit confirmation message and after that he will be redirected to the main user menu.

Requirement Name	Candidate log in to the system			Requirement ID	3.0
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The candidate will select the option to connect to the system from the main menu.
	1. The candidate will be prompted to enter a username.
	2. The input will be checked and if properly he will passed to password insertion.
	3. The employee will be asked to enter a password.
	4. The system will check the integrity of the input ,if standardly it passes to the options menu ,if an error a message will printed and he will get another password login attempt.
	5. After the candidate logs on the candidate will removed to the menu.

Requirement Name	Check candidate user name-login			Requirement ID	3.0.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The inputs that the candidate provided will be transferred to a function that will check if the username that the candidate has typed is existing in the system-will check the users listings and make an comparison between the input and the array members, in case it exists the system will check the password validation else will be shown an error message that the user name does not exist and he will get another user name login attempt.

Requirement Name	Check candidate password-login			Requirement ID	3.0.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The system will approach to the saved password of the username and compare it between the input and between the user name password in the system. In case its matching it will return true, else there will be an error message and then will be given another password entering attempt.

Requirement Name	Sign up to the system			Requirement ID	3.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the user has selected Sign-ups, he will be moved to: Type first name + last. Type a user name (that will be checked– demand 3.2). Type a password (that will be checked-demand 3.2.1) Typing age, gender (M\F), personal phone number. (demand ---) Select a residential area (South\North\Center). (Requirement---) After entering the details, the system will create a new user card and add it to the array of users on the system.

Requirement Name	Check username validity -registration			Requirement ID	3.1.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The username that typed by the candidate will be moved to a function that check if the username is already exists in the system-the function will go over the array of usernames and compare the usernames with the input. In case that username exist in the array-an error message will be printed and then will be given another username entering attempt.

Requirement Name	Check password- registration			Requirement ID	3.1.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The system will require the user to select a password that contains at least 6 characters with at least one cap, one letter, and numbers only.(without) The system will check the password validity according to the parameters (demand 3.2.1.1) If the password is correct, the system will ask you to type the password again and will make an comparison between the passwords.(demand 3.2.1.2) If the password failed or not equal - an error message will be printed and will be given another try to enter the new password.

Requirement Name	Check password - registration		Requirement ID	3.1.3
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The system will require the user to select a password that contains at least 6 characters with at least one cap, one letter, and numbers only.(without)
	The system will check the password validity according to the parameters (demand 3.2.1.1)
	If the password is correct, the system will ask you to type the password again and will make an comparison between the passwords.(demand 3.2.1.2)
	If the password failed or not equal - an error message will be printed and will be given another try to enter the new password.

Requirement Name	Passwords comparation – Candidate registration.			Requirement ID	3.1.3.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The program will receive two password, check and compare between the passwords. If equal, return TRUE Otherwise, return False

Requirement Name	Typing full-name, age and personal phone number – Registration.			Requirement ID	3.1.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The program will ask the user for relevant details: • Full Name – English letters only. (Re 3.2.2.1) • Age – Integer number only (18 - 99). (Re 3.2.2.2) • Personal phone number. (Re 3.2.2.3) An input check will be performed for all of the above.

Requirement Name	Full-name checking.			Requirement ID	3.1.2.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The program will get a string and perform a check. If one or more of the characters aren't in English, the user will be asked to try typing a name again. Otherwise and the check passed, True will be returned.

Requirement Name	Age checking.			Requirement ID	3.1.2.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The program will get an integer number and perform a check. If the number is lower than 18 or higher than 99, the user will be asked to try typing a number again. Otherwise and the check passed, True will be returned.

Requirement Name	Phone number checking.			Requirement ID	3.1.2.3
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The program will get a string and perform a check. • The length of the string should be 9-10 characters. • The first character must be zero '0'. If at least one of the conditions is not met, the user will be asked to try typing a phone number again. Otherwise and the check passed, True will be returned.

Requirement Name	Options menu of candidate.			Requirement ID	3.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

<u>Application Analysis</u>

Detailed description	Once the candidate has logged in, a list of options will be presented:
	1. Job search by parameters (Re 3.3).
	2. Submit a resume (Re 3.4).
	3. view all of submission's history (Re 3.5).
	4. Edit user profile (Re 3.6)
	5. Log out from system (Re 3.7).

Requirement Name	Job search by parameters.			Requirement ID	3.3
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Once the candidate selects the option of "Job search by parameters", a list of all the available jobs will be presented to him by numerical order. The candidate will be able to search among the jobs by activating relevant properties:
	1. Job location (Options menu: "1. North 2. Center 3. South" – operate by selecting the wanted option) (Re 3.4.1).
	2. Job type (Options menu: "1. Full-time job 2. Part time job" – operate by selecting the wanted option) (Re 3.4.2).
	3. Search by type of profession (Re 3.4.3).
	4. Search by minimum years of experience (Re 3.4.4).

Requirement Name	Job location – search property.		Requirement ID	3.3.1
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Once the candidate proceeds with filter by "Job location", a list of the relevant locations will be shown:
	1. North.
	2. Center.
	3. South.
	The candidate is requested to type the digit of the wanted location.
	If the candidate entering a different number, an "Invalid input" error will be displayed and the candidate will be asked to try again.
	Otherwise, True will be returned and the candidate will be transferred to select a job type (Re 3.4.2).

Requirement Name	Job type – search property.		Requirement ID	3.3.2
System Name	Job Search System		Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce	

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Once the candidate proceeds with filter by "Job type", a list of the relevant job types will be shown: 1. Full-time job. 2. Part time job. The candidate is requested to type the digit of the wanted location. If the candidate entering a different number, an "Invalid input" error will be displayed and the candidate will be asked to try again. Otherwise, True will be returned and the candidate will be transferred to select a type of profession (Re 3.4.3).

Requirement Name	Profession type – search property.			Requirement ID	3.3.3
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Once the candidate proceeds with filter by "Profession type", a list of the relevant professions will be shown:
	1. Security.
	2. Engineering.
	3. Medicine.
	4. Restaurants.
	5. Education.
	6. Public transportation.
	7. Factories.
	8. Economics.
	0. No choice.
	More than one selecting will be accepted, by entering the digits of the professions one by one.
	If the candidate entering a different number, an "Invalid input" error will be displayed and the candidate will be asked to try again.
	Otherwise, True will be returned and the candidate will be transferred to enter minimum years of experience (Re 3.4.4).

Requirement Name	Years of experience – search property.			Requirement ID	3.3.4
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Once the candidate proceeds with filter by "Years of experience", he will requested to enter an integer number of the minimum years of experience in the same profession (0 – 80). If the candidate entering a negative number or higher than 80, an "Invalid input" error will be displayed and the candidate will be asked to try again. Otherwise, True will be returned and the candidate will be transferred to the main options list (Re 3.3).

Requirement Name	Upload a Resume (optional for user)			Requirement ID	3.4
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	When user choose option (4) in main menu he will facing two options:
	   1. To upload resume of user (Requirement 4.1).
	   0. Back to main menu (Requirement 4.2).
	In case User inputs are wrong (not 0 & not 1) an Error massage will be printed and will be given another chance in this menu.

Requirement Name	Upload a Resume (optional for user)			Requirement ID	3.4.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	In case User typed (1) will be given an option to upload his resume. In case User typed (0) will be returned to main menu.

Requirement Name	View history of applying job			Requirement ID	3.5
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	In case User choose option (5) in main menu – view history of his offer's he interested with. Any ad User previously choose will add to personal array of User. With User choosing option (5), all of User offer's will be printed to screen (Requirement 5.1).

Requirement Name	View history of applying job – in action			Requirement ID	3.5.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	A function will be activated which will access the set of jobs to which the User has submitted his candidacy. According to the indexes saved, the ads will be printed accordingly.

Requirement Name	Edit User Profile			Requirement ID	3.6
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Tal Sinay, Naor Waitzenberg.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	User's have a profile page which contain all his details – details can be edited by typing the detail's number, In case User typed a wrong input an Error message will be printed and another chance will be given.

Requirement Name	Log out from the system - Candidate			Requirement ID	3.7
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	After the candidate chose the option of logging out from the system there will be shown an exit confirmation message and after that he will be redirected to the main user menu.

Requirement Name	Connecting System to Web (Not functional).			Requirement ID	4.0
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Connecting system's servers to access system to Employer and Candidate on online.

Requirement Name	Present relevant jobs to candidate (Not functional).			Requirement ID	4.1
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The system with the help of AI will recommend the candidate job listings that may be "interesting" to him/her/ based on the pervious search queries.

Requirement Name	Direct Messages between users on system (Not functional).			Requirement ID	4.2
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	To add an option to chatting between users on the program. Employer have an option on his main menu to send a direct message to candidate who recently ask for one of his (Employer) jobs.

Requirement Name	Manage system's DATA on SQL file (optional).			Requirement ID	4.3
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	User's details and data will be saved on SQL file (will not be realized on program, TXT file will be realized).

Requirement Name	Adding extra details for every user (optional).			Requirement ID	4.4
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	Job ad's location will be more specific – according to city\locality. Adding more details options that appear to be relevant – sex, religion, status and more.

Requirement Name	Encrypted password information (optional).			Requirement ID	4.5
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The password of the users will be encrypted in the TXT file.

Requirement Name	Log in sound (optional).			Requirement ID	4.6
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Gleb Tcivie, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	At the moment the user log in to system, a short sound will be played.

Requirement Name	Enabling 2-Step-Verification (Not functional).			Requirement ID	4.7
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Gleb Tcivie, Ido Ben Nun.	Role	Students	Date	26/10/21

Application Analysis

Detailed description	At the moment the user provide the correct log in information, a message will be sent to his personal phone with a PIN code to approve access to the system.

Requirement Name	Option to select language of the program (optional).			Requirement ID	4.8
System Name	Job Search System			Request Date	07.11.2021
Lecture Name	Beni Zand	Organization	Sce		

Workers Names	Elad Sapir, Tal Sinay, Gleb Tcivie, Ido Ben Nun, Naor Waitzenberg	Role	Students	Date	26/10/21

Application Analysis

Detailed description	The program can be used with different languages.