

Name of the requirements		Registration of a client		ID	2.1
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0526268434
Urgence of the execution	low	Ending date	4/11	reference	

Name	Noy Buskila	Role	programme r	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0526268434	Email addresses	noyadbm@gmail.com

Detailed description of the implementation	<p>In order to register to the system the client will need to provide 3 things: a valid full name, a valid ID and a valid password.</p> <p>A valid full name consists of only letters and exactly one space<key>, a valid ID consists of exactly 9 digits and the first digit cant be 0 and a valid password consists of: at least 6 characters, at least 1 upper letter, at least 1 lower and at least 1 digit.</p> <p>If the system detects an invalid input in one of the fields above , the system will print a proper message to the screen and the client will be asked to provide the invalid detail again.</p>
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Name of the requirements		Registration of a Doctor		ID	3.1
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0547874985
Urgence of the execution	low	Ending date	4/11	reference	

Name	Lior Shilon	Role	programme r	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0547874985	Email addresses	Shilon199707@gmail.com

Detailed description of the implementation	<p>In order to register to the system the doctor will need to provide 7 things: a valid full name, a valid ID, a valid password, a valid title, a valid gender, a valid medical field, a valid set of hours in which he start and finishes his day of work and a valid number of minutes that represents the time he allocates for a meeting with a client.</p> <p>A valid full name consists of only letters and exactly one space<key>, a valid ID consists of exactly 9 digits and the first digit cant be 0 and a valid password consists of: at least 6 characters, at least 1 upper letter, at least 1 lower and at least 1 digit.</p> <p>A valid title can be one tittle from the list of titles the system will hold, a valid gender will be M or F (as upper letter).</p> <p>A valid medical field can be one of the system's medical fields list.</p> <p>A valid set of hours can be between 08:00 - 22:00 , and the start hour must be previous to the end hour, they both must end with '00'(0x:00 or xy:00, x and y are valid numbers that represents valid hours).</p> <p>A valid time between meetings can be one of follows: 15,30,60(in minutes).</p> <p>If the system detects an invalid input in one of the fields above , the system will print a proper massage to the screen and the doctor will be asked to provide the invalid detail again.</p>
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Name of the requirements	Client log in (functional)			ID	2.2
Name of the system	Health Care System			Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0526268434
Urgence of the execution	low	Ending date	4/11	reference	

Name	Noy Buskila	Role	programme r	Date	4/11/2021
Organizationa l affiliation	SCE developmen t team	Telephon e number	0526268434	Email addres s	noyadbm@gmail.com

Detailed description of the implementation	<p>In order to log in to the system the client will be asked to provide his password and ID as stored in the system database.</p> <p>If he gets it right he will move on to the next client menu, otherwise, the system will print a proper message to the screen and the client will be asked to try again.</p> <p>A client will have 3 tries to provide his id and password correctly , if he wont succeed in 3 times he will be returned to the user login/register menu.</p>
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Name of the requirements	Doctor log in. (functional)	ID	3.2
Name of the system	Health Care System	Date of the demand	4/11/2021
Name of the employer	beni	unit	
Urgence of the execution	low	Ending date	4/11
		reference	

Name	Noy Buskila	Role	programme r	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0526268434	Email addresses	noyadbm@gmail.com

Detailed description of the implementation	<p>When a doctor logs in to the system, he will be required to provide an ID number and password as found in the database. If he succeeds, he will be transferred to his personal page. Otherwise, i.e. the intent is that there are no such IDs and passwords in the database, an appropriate message will be printed and the doctor will be asked to try again.</p> <p>A doctor will have 3 tries to provide his id and password correctly , if he wont succeed in 3 times he will be returned to the doctor login/register menu.</p>
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Name of the requirements	Medical field selection for scheduling an appointment. (functional)	ID	7.1
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Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0556881202
Urgence of the execution	low	Ending date	4/11	reference	

Name	Shaked Asido	Role	programmer	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0556881202	Email address	shakedasido@gmail.com

Detailed description of the implementation	<p>The client will be presented with a list of all existing medical fields in the system, he will select the desired field by choosing a field from the list of field the system contains . If he enters illegal input, such as one that does not exist in the system as a field of medicine, An appropriate message will be printed and the customer will be asked to retype again.</p>
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Name of the requirements		Doctor selection for scheduling an appointment. (functional)		ID	7.2
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0556881202
Urgence of the execution	low	Ending date	4/11	reference	

Name	Shaked Asido	Role	programmer	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0556881202	Email address	shakedasido@gmail.com

Detailed description of the implementation	<p>Once the client has selected a desired field of medicine, the client will be presented with a list of the ID's , names and gender of the doctors from that field of medicine. The client will select a desired doctor from the list by entering his ID. If he enters a an id that does not exist in the list or that is not a valid id, an appropriate message will be displayed and the client will be asked to enter the desired doctor's ID again.</p>
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Name of the requirements	Cancellation of an appointment (functional)			ID	8.0
Name of the system	Health Care System			Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0505922701
Urgence of the execution	low	Ending date	4/11	reference	

Name	Ohad Ezra	Role	programmer	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0505922701	Email address	Ohadez1@ac.sce.ac.il

Detailed description of the implementation	<p>The customer will be presented with his future appointments according to Doctors: ID , name, gender, date,hour.The customer will be asked to enter the ID of the doctor which he wants to cancel the appointment with, the appointment date and hour which he wants to cancel.</p> <p>If at least one of the inputs will be incorrect (the provided ID, date and hour wont match to a specific meeting or they will not be vaild), a proper message will be printed to the screen ,and the customer will be returned to the customer options menu.</p>
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Name of the requirements		Print all the appointment of a client. (functional)		ID	9.0
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0505922701
Urgence of the execution	low	Ending date	4/11	reference	

Name	Ohad Ezra	Role	programmer	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0505922701	Email address	Ohadez1@ac.sce.ac.il

Detailed description of the implementation	<p>After choosing '3' on the client options menu</p> <p>, all the future appointments of the client will be shown on the screen in this format: Doctors : ID , name, gender, date,hour.</p> <p>This will be done for each date on which the customer has booked an appointment.</p>
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Detailed description of the implementation	<p>After the doctor logs in to the system the following list will be shown:</p> <p>'1'- Watch all meetings by date '2'- Block a date '3'- Edit profile '4'- Open blocked date(optional). '5'- Print all blocked dates. '6'- Log out (will return him to the log in screen)</p> <p>The doctor will be required to enter a digit between 1-6, if the input will be incorrect(isnt in the valid range of numbers) , a proper message will be printed to the screen, and the doctor will be asked to try again.</p>
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Name of the requirements		A doctor will be able to watch all his meetings on a specific date (functional)		ID	11.0
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0505922701
Urgence of the execution	low	Ending date	4/11	reference	

Name of the requirements		Edit doctor's full name (functional)		ID	13.2
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0535306819
Urgence of the execution	low	Ending date	4/11	reference	

Name	Nikita Solonets	Role	programme r	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0535306819	Email addresses	Nikitos.solonets@gmail.com

Detailed description of the implementation	<p>After the doctor chose '1' in the edit profile menu the system will tell the doctor to enter his new full name, if the new name is valid (consists of only letters and exactly one space) the change was successful and the doctor will return to the edit profile menu ,if the new name isnt valid a proper message will be printed to the screen and the doctor will be asked to try again.</p>
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Name of the requirements		A doctor will be able to reopen a date that was blocked for appointments by him. (optional)		ID	14.0
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0535306819
Urgence of the execution	low	Ending date	4/11	reference	

Name	Nikita Solonets	Role	programme r	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0535306819	Email addresses	Nikitos.solonets@gmail.com

Detailed description of the implementation	<p>After the doctor chose '4' in the doctor options menu the system will print a list of all the dates the said doctor blocked and he will be asked to enter the date that he wants to reopen for appointments, if the date he entered exists in the blocked dates list the date will be reopened, else , if the date he entered doesnt appear in the blocked dates list a proper message will</p>
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	<p>be printed to the screen and the doctor will be returned to the doctor options menu.</p> <p>If the doctor has no blocked dates, a proper message will be printed to the screen and he will be returned to the doctor options menu</p>
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Name of the requirements		A doctor will be able to watch a list of all the days he blocked (functional)		ID	New requirement
Name of the system		Health Care System		Date of the demand	4/11/2021
Name of the employer	beni	unit		Telephone number	0535306819
Urgence of the execution	low	Ending date	4/11	reference	

Name	Lior Shilon	Role	programmer	Date	4/11/2021
Organizational affiliation	SCE development team	Telephone number	0535306819	Email addresses	Nikitos.solonets@gmail.com

Detailed description of the implementation	<p>After the doctor chose '5' in the edit profile menu he will be presented with a list of all the dates he blocked.</p> <p>If the doctors didn't block any date it will be printed to the screen.</p>
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