OVERVIEW OF THE TEAM CAPACITY AND THEIR PLANNED CAPACITY

OVERVIEW	MEMBER	CAPACITY
Team capacity: 36h	Ancuta Andrei	75%
	Corbeanu Adela Nicoleta	25%
	Diaconu Mircea Stefan	50%
Planned capacity: 36h	Enescu Irina Stefania	50%
	Putinelu Bogdan Andrei	0%
	Udrea George Robert	50%

Member capacity legend:

- 0%: The team member has no availability to contribute to the project - fully occupied with other tasks
- 25%: Limited availability - the team member can allocate a small portion of their time to the project
- 50%: Moderate availability - the team member can dedicate a significant amount of their time to the project
- 75%: High availability - the team member has substantial time to contribute to the project but might still have other commitments
- 100%: Full availability - the team member is entirely dedicated to the project with no other conflicting commitments

SPRINT BACKLOG AT THE BEGINNING OF THE SPRINT

TASK	ESTIMATION	PRIORITY	STATUS	DEV TEAM	ASSIGNEE
Add ticket modification route	5	Medium	In review	Backend	Diaconu Stefan
Add patient registration flow	5	High	In review	Frontend	Robert Udrea
Add ticket creation form	5	High	In progress	Frontend	Robert Udrea
Validate specialization on ticket creation	2	Medium	In review	Backend	Diaconu Stefan
Add specialization listing endpoint	1	High	In review	Backend	Diaconu Stefan
Set up CI for backend	5	High	To do	Backend	Ancuta Andrei
Connect patient ticket dashboard to backend	2	High	To do	Frontend	Udrea Robert
Add doctor response functionality	3	High	To do	Backend	Ancuta Andrei
Assign doctor on ticket creation	3	High	To do	Backend	Diaconu Stefan
Reassign doctor on ticket specialization update	3	High	To do	Backend	Diaconu Stefan
Setup CI for frontend	5	Medium	To do	Frontend	Udrea Robert

SPRINT SPECIFIC USER STORY & ACCEPTANCE CRITERIA AT THE BEGINNING OF THE SPRINT

The table below only lists the user stories of the current sprint.

AS A ...	I WANT ...	SO THAT ...
Patient	to create a medical ticket with my symptoms	I can consult with doctors about them
Patient	to view full details about a submitted ticket, including ticket information, the assigned doctor, and any responses provided	I can track its evolution
Patient	to access a ticket dashboard of created tickets categorized by their status (open, closed)	I can have an overview of ongoing and resolved medical concerns
Potential patient	to create a new account	I can manage my healthcare information
Patient	the correct medical specialization to be detected automatically based on the ticket description	I can reach the most relevant healthcare professionals
Patient	to update the ticket information as my symptoms evolve	the doctors receive the most accurate information
Doctor	to access a chronologically sorted dashboard of tickets categorized by their status (open, closed)	I can efficiently manage my patients' concerns
Doctor	to open a medical ticket to access information about an assigned ticket and the patient's medical conditions	I can provide informed and personalized healthcare guidance
Specialist doctor	to respond to the tickets of patients allocated to my specialization	I can share my medical advice
Doctor	the tickets assigned to my specialization to be distributed among the available doctors	ensuring a balanced workload for each doctor
Doctor	I want to redirect a patient to another specialization	they receive the most appropriate medical care

ACCEPTANCE CRITERIA:

- As a patient, I want to access a ticket dashboard of created tickets categorized by their status (open, closed) so that I can have an overview of ongoing and resolved medical concerns.

GIVEN	the patient wants an overview of their created tickets
WHEN	the patient navigates to the ticket dashboard
THEN	the system displays a list of created tickets, categorized by their status (open, closed)
AND	each ticket entry specifies details such as creation date, assigned doctor, specialization, and brief description

- As a patient, I want to create a medical ticket with my symptoms so that I can consult with doctors about them.

GIVEN	the patient has a health concern	GIVEN	the patient has a health concern
WHEN	the patient navigates to the ticket dashboard	WHEN	the patient navigates to the ticket dashboard
AND	the patient clicks the "New ticket" button	AND	the patient clicks the "New ticket" button
AND	the patient enters a description	AND	the patient clicks the "Cancel" button
AND	the patient selects a medical specialization	THEN	the ticket creation is cancelled
AND	the patient clicks the "Submit ticket" button	AND	the user is returned to the ticket dashboard
THEN	the ticket is successfully added to the specialization's ticket queue		
AND	the page displays a success message to the user		

- As a patient, I want to view full details about a submitted ticket, including ticket information, the assigned doctor, and any responses provided, so that I can track its evolution.

GIVEN	the patient wants to view a ticket's details
WHEN	the patient navigates to the ticket dashboard
AND	the patient selects a specific ticket to access
THEN	a popup opens displaying details for the selected ticket, including description, the assigned doctor, medical specialization, doctor's response, and attached documents

- As a patient, I want the correct medical specialization to be detected automatically based on the ticket description so that I can reach the most relevant healthcare professionals.

GIVEN	the patient is creating a medical ticket with detailed information about their symptoms
WHEN	the patient clicks the "Suggest specialization" button
THEN	the system automatically detects the medical specialization based on the provided symptoms
AND	the patient can accept the suggestion or choose another specialization

- As a specialist doctor, I want to respond to the tickets of patients allocated to my specialization so that I can share my medical advice.

GIVEN	the doctor is viewing the details of a ticket assigned to him	GIVEN	the doctor is viewing the details of a ticket assigned to him
WHEN	the doctor clicks on the "Respond" button	WHEN	the doctor clicks on the "Respond" button
THEN	the doctor can input and submit a response to the patient	AND	the doctor doesn’t want to respond right now
		THEN	the doctor closes the ticket details page

- As a patient, I want to update the ticket information as my symptoms evolve so that the doctors receive the most accurate information.

GIVEN the patient has an opened ticket that is no longer up to date AND the patient wants to update the information on the ticket WHEN the patient clicks the "Update ticket" button THEN the app displays a interface allowing the patient to modify it AND the patient can save the changes AND the system provides an update confirmation message AND the patient can see the updated ticket	GIVEN the patient has an opened ticket that is no longer up to date AND the patient wants to update the information on the ticket WHEN the patient clicks the "Update ticket" button THEN the app displays a interface allowing the patient to modify it AND if the patient decides to cancel, he clicks the "Cancel" button AND no changes are applied AND the patient can see the original ticket

- As a doctor, I want to access a chronologically sorted dashboard of tickets categorized by their status (open, closed) so that I can efficiently manage my patients' concerns.

GIVEN the doctor wants an overview of their assigned tickets WHEN the doctor navigates to the ticket dashboard THEN the system displays a list of created tickets, categorized by their status (open, closed) AND each ticket entry specifies details such as creation date, patient name, and brief description

- As a doctor, I want to open a medical ticket to access information about an assigned ticket and the patient's medical conditions, so that I can provide informed and personalized healthcare guidance.

GIVEN the doctor wants to view a ticket's details WHEN the doctor navigates to the ticket dashboard AND the doctor selects a specific ticket to access THEN a popup opens displaying details for the selected ticket, including description and the pacient

- As a doctor, I want the tickets assigned to my specialization to be distributed among the available doctors, ensuring a balanced workload for each doctor.

GIVEN there are doctors with a certain specialization on the platform WHEN a ticket is created with that specialization THEN the doctor with that specialization and the fewest open tickets is assigned the ticket	GIVEN there are doctors with a certain specialization on the platform WHEN another doctor redirects a ticket to that specialization THEN the doctor with that specialization and the fewest open tickets is assigned the ticket

- As a doctor, I want to redirect a patient to another specialization so that they receive the most appropriate medical care.

GIVEN	the doctor has a ticket assigned to them
AND	the doctor wants to redirect the ticket to a more appropriate specialization
WHEN	the doctor clicks on the "Redirect to specialization" button
AND	the doctor selects a new specialization from a list
THEN	the ticket is unassigned from the doctor
AND	the usual ticket assignation process begins for the ticket

- As a potential patient, I want to create a new account to manage my healthcare information.

GIVEN	the potential patient wants to create an account
WHEN	the patient navigates to the registration page
AND	the patient provides valid information for account creation
AND	the patient clicks the registration button
THEN	the system creates the patient's account
AND	the system redirects the patient to the login page

GIVEN	the potential patient wants to create an account
WHEN	the patient navigates to the registration page
AND	the patient provides invalid information for account creation
AND	the patient clicks the registration button
THEN	the system rejects the patient's registration attempt
AND	the page displays an error message

SPRINT REVIEW AT THE END OF THE SPRINT

SPRINT ACHIEVEMENTS	This sprint, we performed exceptionally well, making substantial progress and aligning with the roadmap. We successfully completed all tasks (including the ones from the previous sprint), closing numerous user stories that were awaiting finalization. We solved technical details such as establishing a Continuous Integration system for both frontend and backend. We have also initiated work on the doctor's operations, marking another significant milestone in our development journey.

ITEMS THAT WERE ADDED AFTER THE SPRINT START	Filter tickets based on status query parameter (backend task) Add patient profile details endpoint (backend task) Add account details endpoint (backend task) Add doctors in seeder (backend task)

ITEMS THAT WERE REMOVED BEFORE THE SPRINT END	Nothing was removed before the sprint end.

COMPLETED ISSUES				
ISSUE NAME	**STATUS**	**ASSIGNEE**	**ESTIMATION**	**SUMMARY**
Add ticket modification route	Done	Diaconu Stefan	5	-
Add patient registration flow	Done	Robert Udrea	5	-
Add ticket creation form	Done	Robert Udrea	5	-
Validate specialization on ticket creation	Done	Diaconu Stefan	2	-
Add specialization listing endpoint	Done	Diaconu Stefan	1	-
Set up CI for backend	Done	Ancuta Andrei	5	-
Connect patient ticket dashboard to backend	Done	Udrea Robert	2	-
Add doctor response functionality	Done	Ancuta Andrei	3	-
Assign doctor on ticket creation	Done	Diaconu Stefan	3	-
Reassign doctor on ticket specialization update	Done	Diaconu Stefan	3	-
Setup CI for frontend	Done	Udrea Robert	5	-
Filter tickets based on status query parameter	Done	Diaconu Stefan	2	-
Add patient profile details endpoint	Done	Ancuta Andrei	2	-
Add account details endpoint	Done	Ancuta Andrei	2	-
Add doctors in seeder	Done	Enescu Irina	2	-

In this sprint, we've taken over all the tasks that remained in review and in progress stages from the previous sprint. Moreover, during this sprint, we successfully realigned with the project roadmap and introduced new tasks that made a meaningful contribution to our progress.

This sprint proved to be highly productive as we successfully completed all planned tasks along with those added during the sprint. There are no remaining tasks to carry over to the next sprint, showcasing our efficiency and commitment to meeting our objectives.

NOT COMPLETE ISSUES				
ISSUE NAME	**STATUS**	**ASSIGNEE**	**ESTIMATION**	**SUMMARY**
-				

SPRINT 4 (25.12.2023 – 07.01.2024)

SPRINT REMARKS	This sprint unfolded according to our plans, benefiting from additional time that allowed us to focus on the development of functionalities. We achieved a significantly improved alignment between the frontend and backend during this sprint, resulting in the delivery of some key features.

COMPLETED USER STORIES		
AS A ...	**I WANT ...**	**SO THAT ...**
Patient	to create a medical ticket with my symptoms	I can consult with doctors about them
Patient	to access a ticket dashboard of created tickets categorized by their status (open, closed)	I can have an overview of ongoing and resolved medical concerns
Potential patient	to create a new account	I can manage my healthcare information
Patient	the correct medical specialization to be detected automatically based on the ticket description	I can reach the most relevant healthcare professionals
Doctor	to access a chronologically sorted dashboard of tickets categorized by their status (open, closed)	I can efficiently manage my patients' concerns
Doctor	the tickets assigned to my specialization to be distributed among the available doctors	ensuring a balanced workload for each doctor

NOT COMPLETE USER STORIES		
AS A ...	**I WANT ...**	**SO THAT ...**
Patient	to view full details about a submitted ticket, including ticket information, the assigned doctor, and any responses provided	I can track its evolution
Patient	to update the ticket information as my symptoms evolve	the doctors receive the most accurate information
Doctor	to open a medical ticket to access information about an assigned ticket and the patient's medical conditions	I can provide informed and personalized healthcare guidance
Specialist doctor	to respond to the tickets of patients allocated to my specialization	I can share my medical advice
Doctor	I want to redirect a patient to another specialization	they receive the most appropriate medical care

The remaining not complete user stories have their backend development completed, and we plan to address the frontend aspects in the upcoming sprint.

NEW FEATURES	Account management (patients can create an account and login to an existing one, doctors can login to the account provided by the admin) Ticket Assignation Management (manage the queue of tickets assigned to doctors to be distributed based on the availability of doctors, ensuring a balanced allocation)
SPRINT IMPEDIMENTS	An obstacle encountered during this sprint was the winter holiday season with all the celebrations. During this period, everyone organized their time differently, either working extensively or minimally. In this context, sustaining communication became a bit more challenging.

SOMETHING THAT YOU REALIZED THAT YOU HAVEN'T BEEN ABLE TO ACHIEVE	We've realized that aligning the frontend with the backend in real-time wasn't possible because the backend development took up the entire sprint, and the frontend was dependent on those changes.
SOMETHING EXTRA YOU REALIZED YOU WERE ABLE TO ACHIEVE	We've realized that we have time to input real data into the database for the final presentation. This has helped us gain a much better understanding of the application, as real data is more relatable than placeholder data like user@example.com.
HOW CLOSE ARE WE TO DELIVERING THE FUNCTIONALITIES	During this sprint, we managed to deliver two functionalities: account management and ticket assignation management. We are very close to completing the other crucial functionalities, as only the frontend adjustments are remaining for them. The remaining functionalities are complex, involving numerous specific operations, which is why their delivery has taken a bit more time.
HOW CLOSE ARE WE TO AN MVP	We've made significant progress in developing the project's MVP, and it's nearly complete. As mentioned earlier, the backend for the MVP is developed, and we now need to align it with the frontend regarding: • Displaying and updating ticket details • Closing a ticket (both by the patient and the doctor) • Adding the doctor's response to a ticket Once we address these aspects in the upcoming sprint, we'll have a fully functional MVP. Another important point is that we've successfully delivered a crucial part of the MVP: the automatic generation of ticket specialization.

SPRINT RETROSPECTIVE AT THE END OF THE SPRINT

WHAT WENT WELL?	WHAT WENT POORLY?
• We managed to complete a large number of tasks. • We successfully identified and implemented a number of endpoints necessary for the frontend. • The CI pipelines for both codebases work well. • Finally completed a few user stories related to patients and tickets. • We managed to align the frontend to deliver several user stories. • We took on a larger number of work that previously expected.	• Because of the holiday season, the frontend team didn't managed to work as much as intended. • Some bugs or improperly implemented tasks were found. • Some members were not too quick to respond as thay had had more important things to do during holidays.

WHAT NEW IDEAS DO WE HAVE?	WHAT ACTIONS WILL WE TAKE?
• To focus on the tickets because we are running out of time. • For the next sprint, let's plan thoroughly what we still want to achieve, as it will be the last sprint.	• With the backend mostly finish, now we have a lot of work on frontend. • Finish the frontend development to complete the rest of the user stories. • We will complete the MVP. • We will keep working as we are behind the schedule.