

## Functionality showcase

Initial requirements elicitation suggest four primary use cases for end users.

These were:

- UC1 – Create account
- UC2 – Login to account
- UC3 – Send message
- UC4 – View message

Additionally, I elected to show two further use cases related to admin functionality.

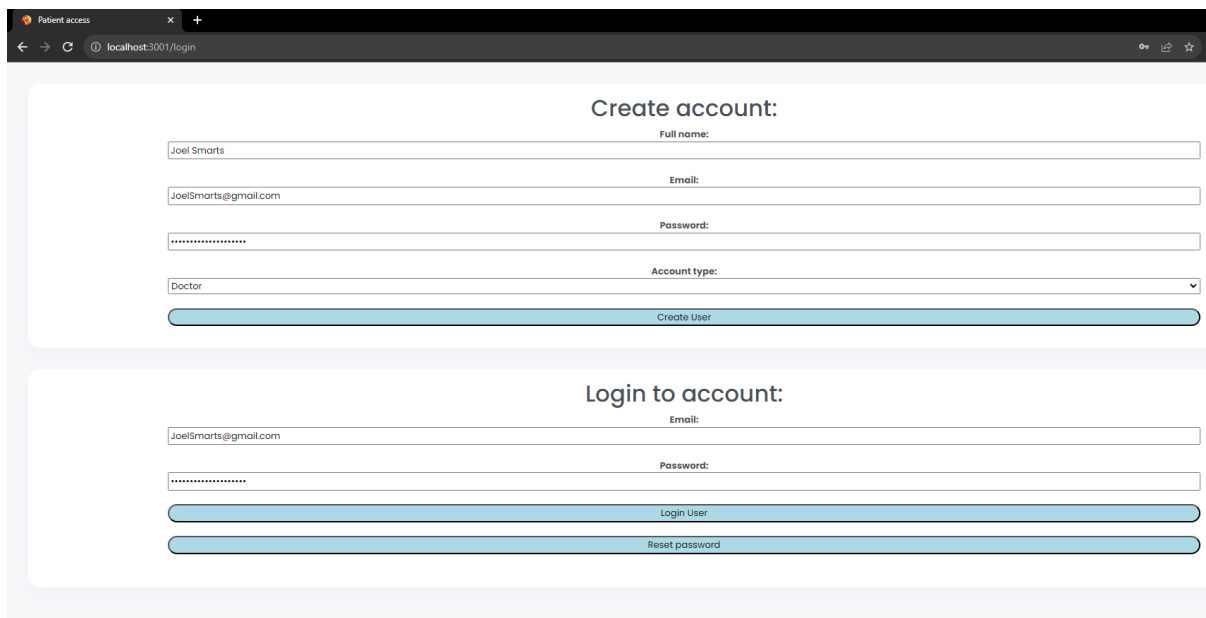
- UC5 – Verify Account
- UC6 – Associate Patient with Doctor

All steps of this showcase were carried out on 08/09/23 on the latest version of Chrome.

I will show the experience of a prospective Doctor Joel Smarts, who seeks to Create an Account, Login in to this account and send and view messages with his Patients. Along with the Admin who verifies his account and associates it with a patient.

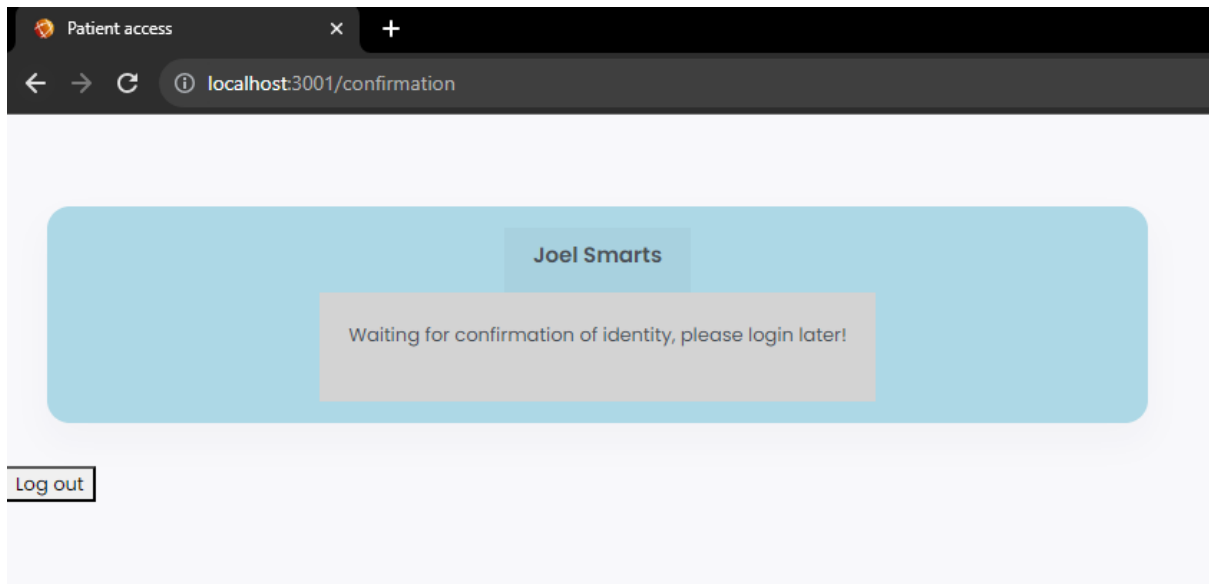
### UC1 – Create Account

To create an account, Joel navigates to the landing page:



The screenshot shows a web browser window with the address bar displaying 'localhost:3001/login'. The page has a light blue header with the text 'Patient access'. Below the header, there are two main sections: 'Create account:' and 'Login to account:'. The 'Create account:' section contains four input fields: 'Full name:' (with 'Joel Smarts' entered), 'Email:' (with 'JoelSmarts@gmail.com' entered), 'Password:' (with masked characters), and 'Account type:' (a dropdown menu with 'Doctor' selected). Below these fields is a blue 'Create User' button. The 'Login to account:' section contains two input fields: 'Email:' (with 'JoelSmarts@gmail.com' entered) and 'Password:' (with masked characters). Below these fields are two blue buttons: 'Login User' and 'Reset password'.

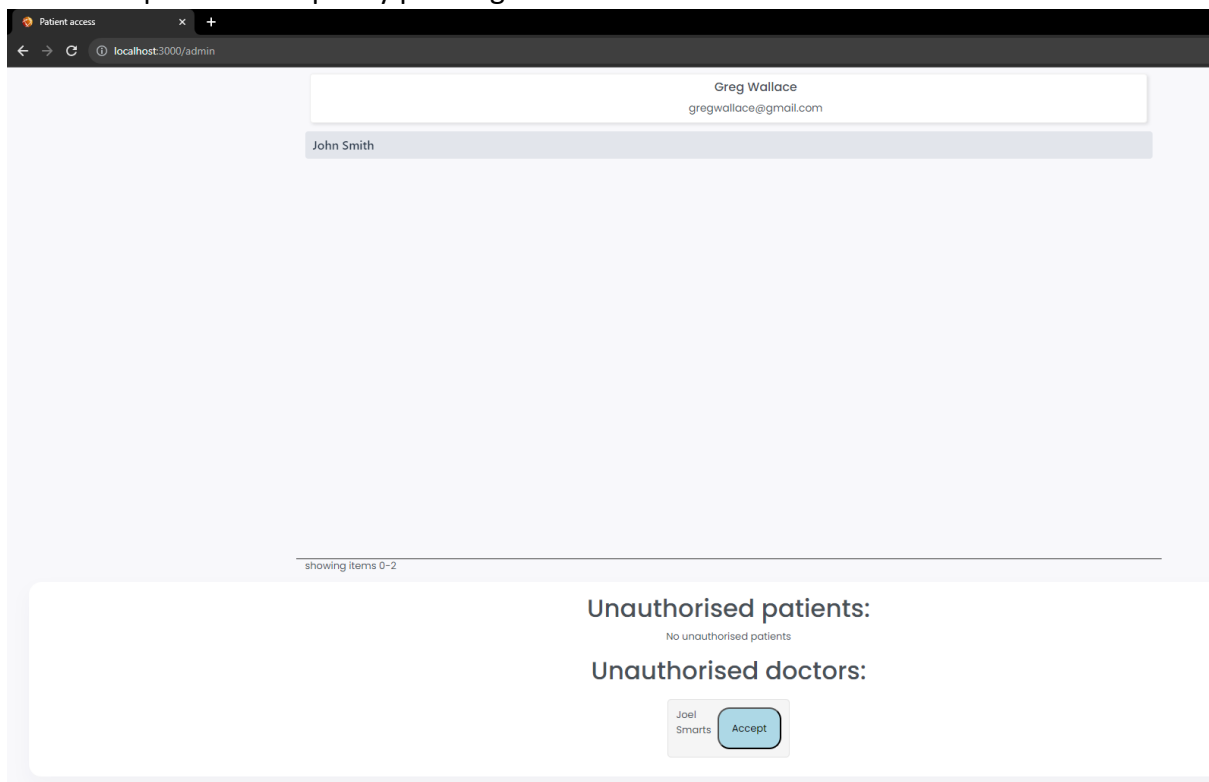
Joel fills the fields in the Create account section, selects Doctor in the drop down and then clicks the create user button.



They are taken to the above confirmation page. Their account has been successfully registered and now requires admin approval.

### UC5 – Admin approval

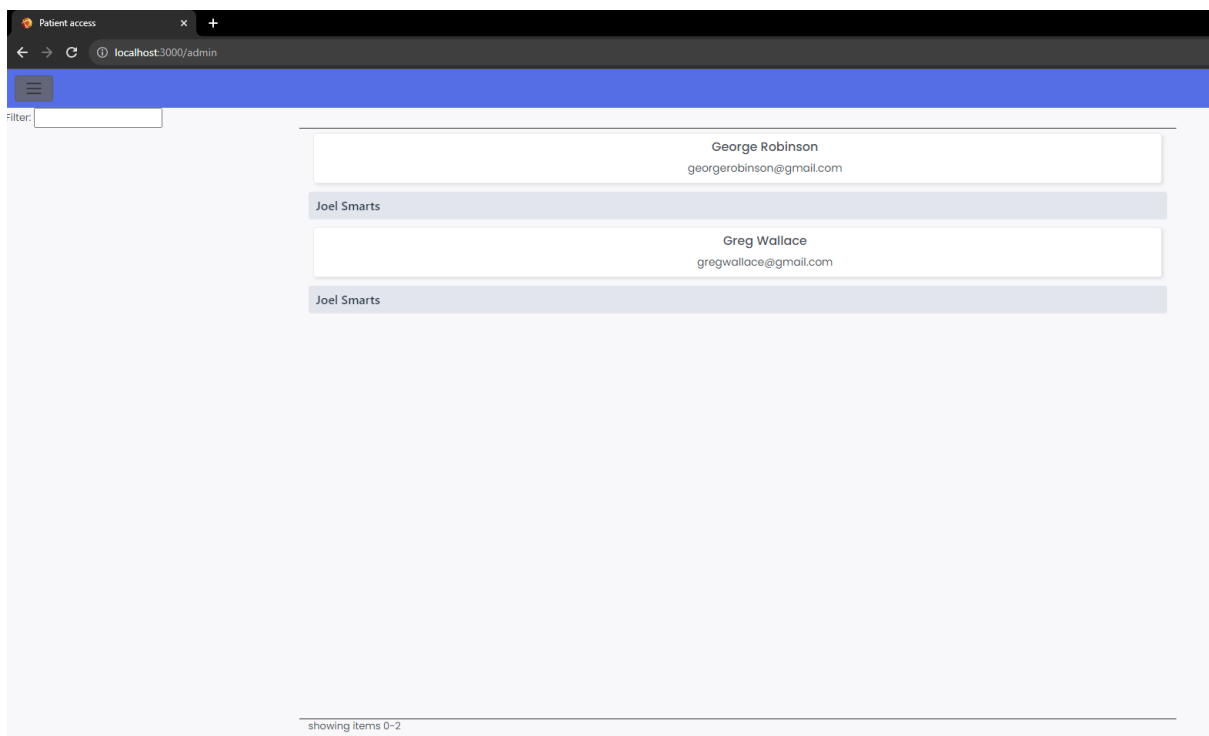
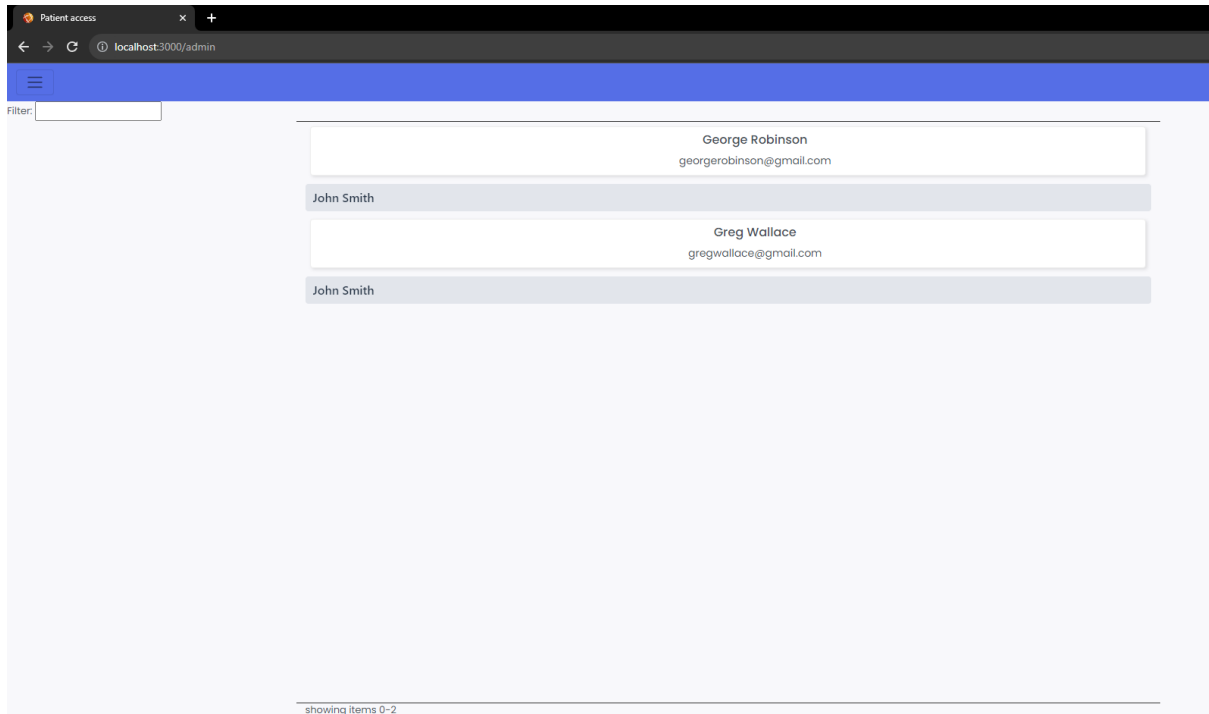
The admin logs in through the landing page and is taken to the admin panel page, here they have the option to accept any pending accounts.



The admin presses the accept button authorising Joel Smarts as a doctor. The admin can now perform.

### UC6 – Associate Patient with Doctor

On the admin page all patients are listed with a drop-down beneath them for selecting their doctor. As shown in the below screenshot both patients are currently assigned to the doctor John Smith. Let's reassign them both to Joel Smarts by clicking the drop-down and selecting Joel.



Joel Smarts account is now authorised and has been assigned two patients.

## UC2 – Login

I enter Joels account information and press login.

Patient access

localhost:3001/login

### Create account:

Full name: Joel Smarts

Email: JoelSmarts@gmail.com

Password: .....

Account type: Doctor

Create User

### Login to account:

Email: JoelSmarts@gmail.com

Password: .....

Login User

Reset password

Patient access

localhost:3001/doctor-home

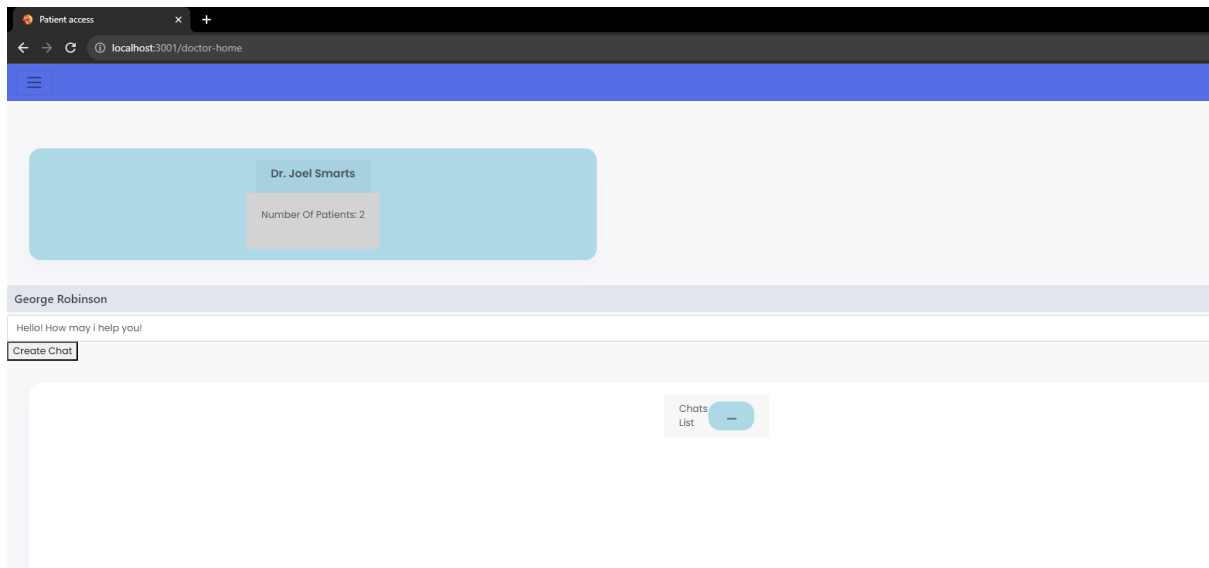
Dr. Joel Smarts

Number Of Patients: 2

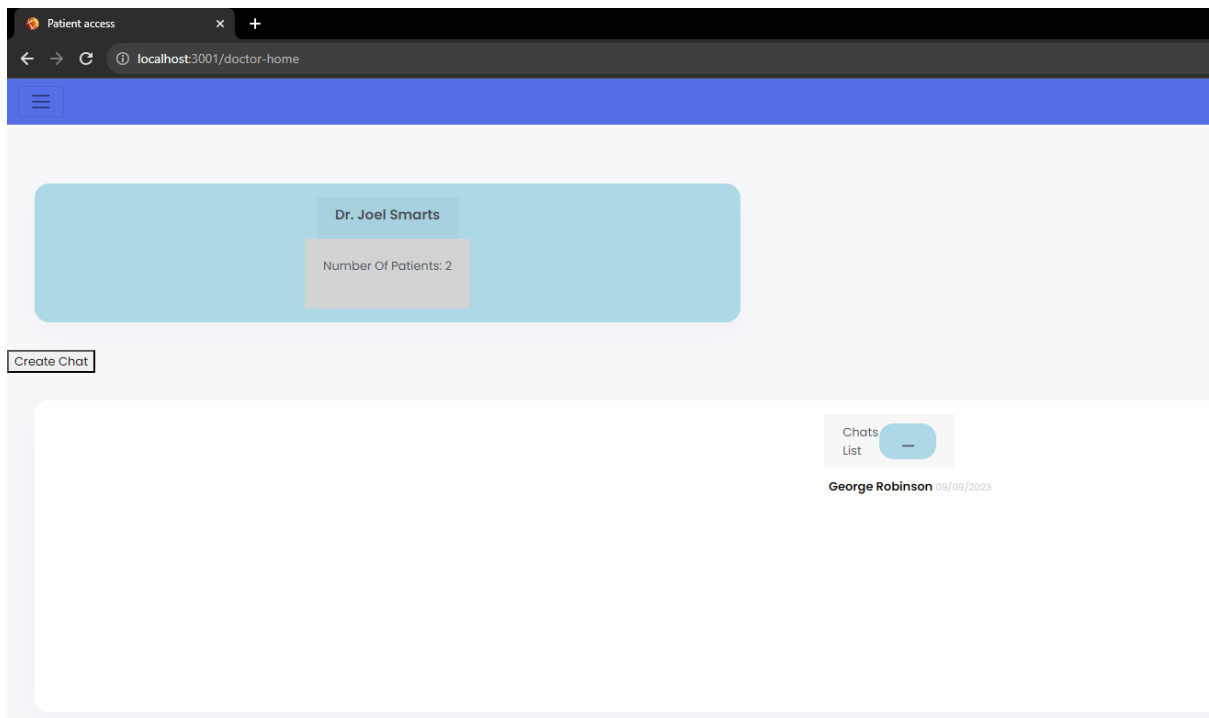
Create Chat

Chats List

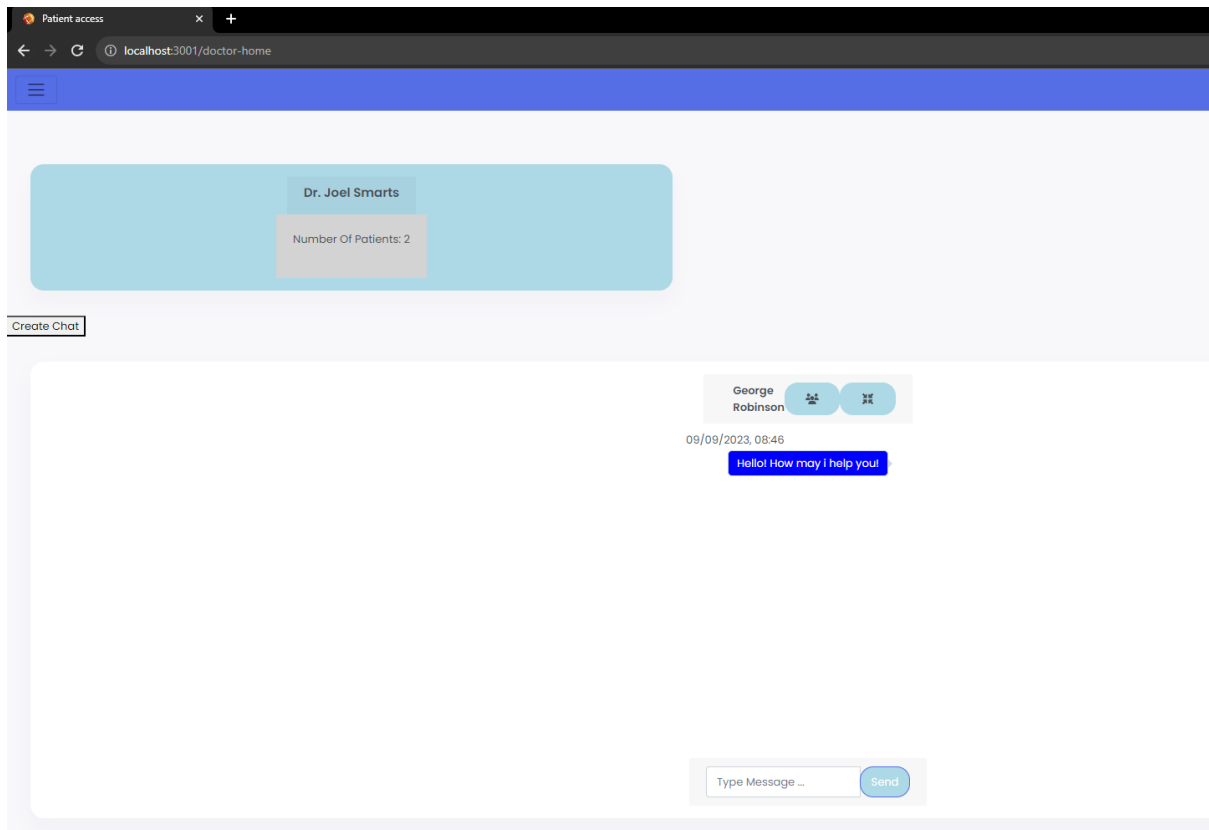
With the account now authorised Joel is redirected to the doctor page. Despite having two patients neither of them has created a chat with Joel yet and as such there is no Chats in the list. Joel now creates a chat with the patient George. Joel presses the create chat button which renders a drop-down of patients, Joel selects George and uses the field below to enter an initial message.



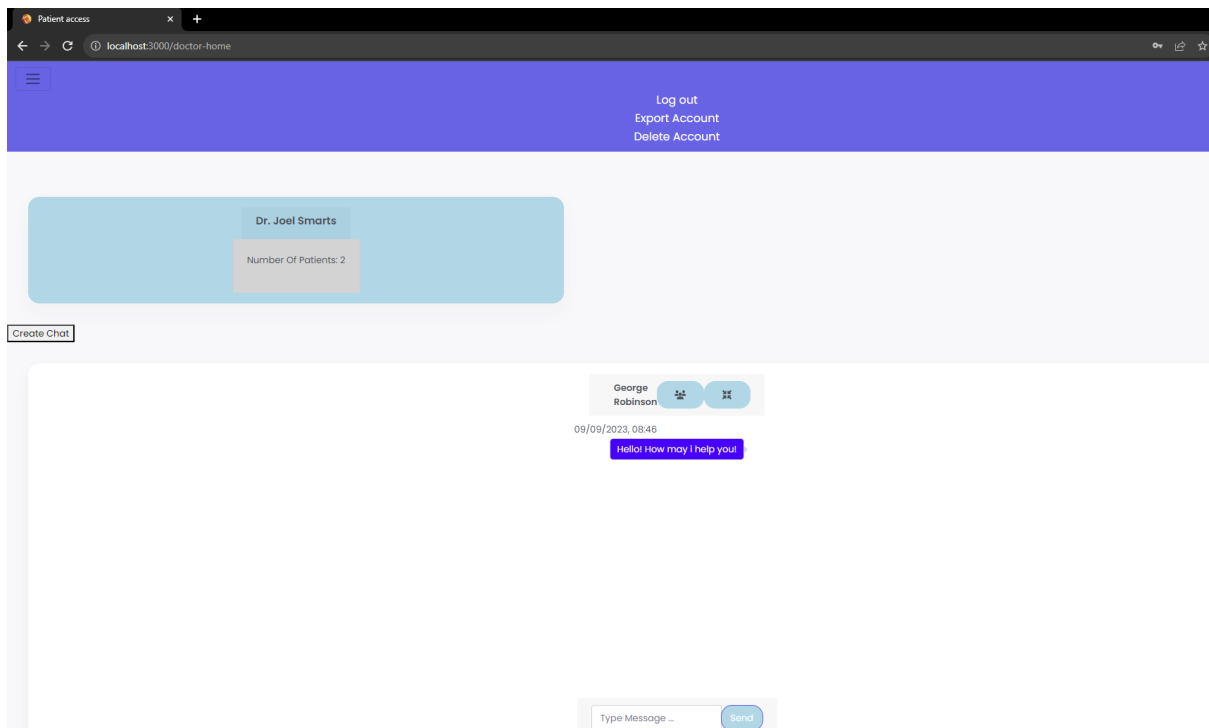
When pressing create chat a second time the conversation will have been created and appear in the Chats list.



Joel can click on the name in the list to render that conversation:



Joel can send further messages using the message box of the Chat component. And view messages in this component as well, he can press the contacts button to return to the list view of conversations. This allows Joel the ability to perform **UC3 – Send message and UC4 – View message**.



A toggleable navbar offers access to functions related to GDPR required functionality (exporting and deleting accounts) and logout.