

EDUCATION SCENARIO

1. The doctor determines the monitoring parameters of the patient

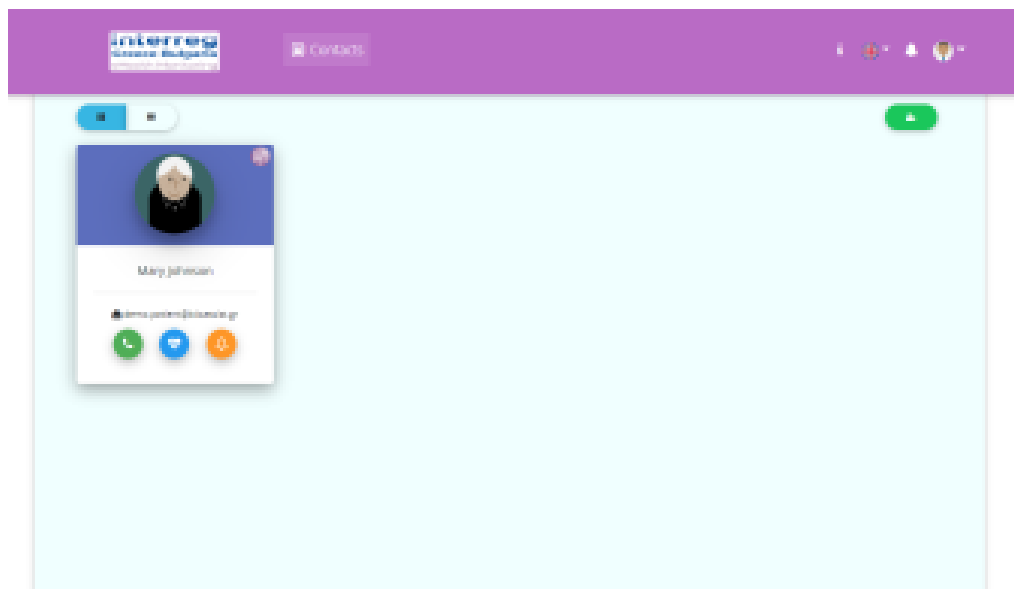
Alex is a Pulmonologist specializing in Chronic Obstructive Pulmonary Disease treatment. Mary is a patient and uses ehealth monitoring system. During Mary's visit to the clinic, Alex adjusts the parameters of medical monitoring and creates reminders for biomass measurements.

A. Alex connects to the doctor application

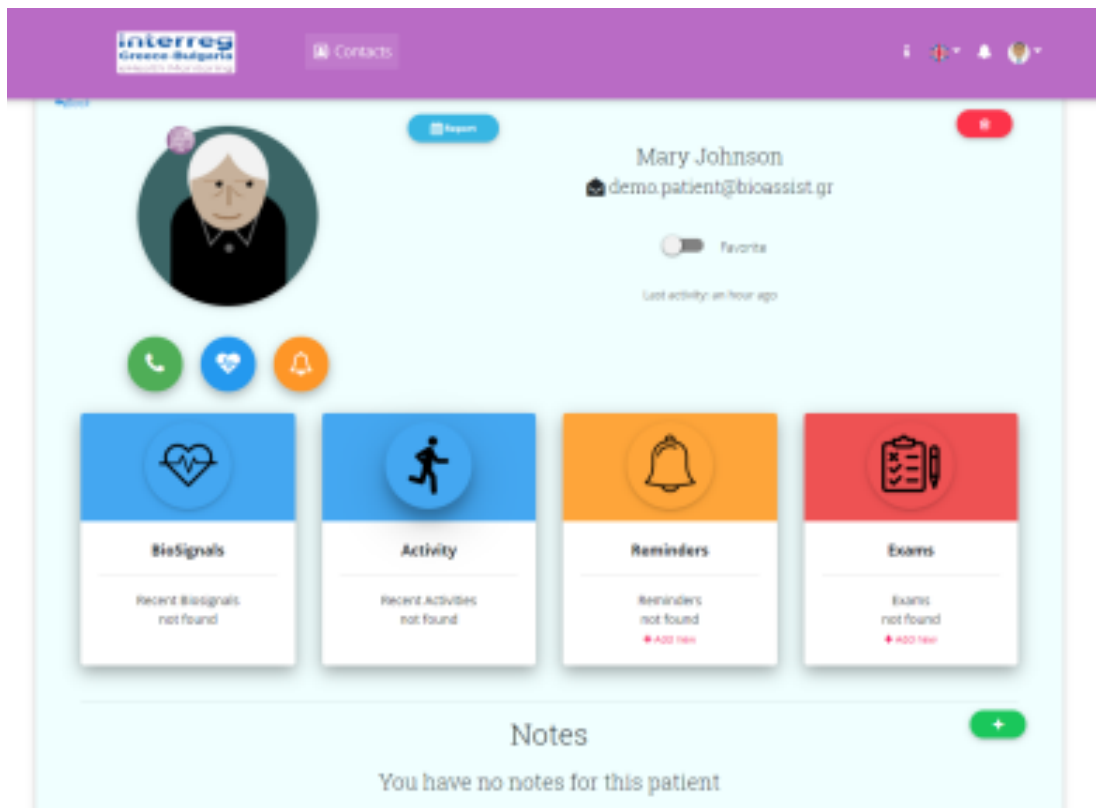
- Alex visits <https://web.ehealthmonitoring.eu>
- Alex enters his email (demo.doctor@bioassist.gr) and password (123456) and clicks "Login".

B. Alex creates a personalized measurement program

- From the home screen, Alex selects Mary's profile. From here, Alex can view Mary's Personal Medical History, set up a follow-up program, prescribe medication, extract reports, etc.



- Alex selects 'Reminders' and presses '+' to create a new oximeter reminder. He selects "Measurement" category, "Oxygen Saturation" from the list and sets time and repeatability (e.g. daily).



The screenshot shows the 'New Reminder' form for Mary Johnson. The form has a title 'New Reminder' and four radio button options: 'Message', 'Measurement' (selected), 'Questionnaire', and 'Medication'. Below these are two input fields: 'Date' with the value '2019-11-05' and 'Time' with the value '12:00'. There are two dropdown menus: 'Measurement' with the selected value 'Blood Pressure' and 'Occurs on' with the selected value 'Daily'. At the bottom, there are two buttons: 'Cancel' and 'Create'.

- Alex wants to be notified if Mary's oxygen saturation falls below 94%, so she sets a warning threshold. From the Biosimilar tab, Alex clicks on "Notification Limits" and chooses to receive a notification on his mobile phone for oxygen saturation measurements lower than 94.

2. Daily use by the patient

At home, Mary uses the "eHEALTH Monitoring" app on her Android tablet, along with a set of compatible wireless sensors, and counts her biomarkers on a daily basis following the schedule set by her physician.

A. Mary makes a measurement

- A reminder notifies Mary that it's time for her daily oxygen saturation measurement
- Mary simply puts the oximeter on her finger and presses the button
- The oximeter is automatically connected to the application and the measurement is saved

B. Mary calls Alex through the app

- From the home screen, Mary clicks "Contacts" to see her contact list and then calls Alex.
- During the call, Mary gets another oximeter measurement and Alex sees the result on his screen

C. Alex looks at Mary's history and plans on reporting creation

- Alex clicks on "Biosimilar" and adjusts the filter to see last week's measurements
- Alex clicks on "Exams" to see the results of Mary's measurements.
- Alex sets out to create automatic weekly reports for Mary every Friday night. She will receive these reports by email.

3. List of demo accounts

You can use the following accounts to test the app's features. All users can use either the Android app or the web browser app.



Doctor

Username:demo.doctor@bioassist.gr

Password:123456



Patient

Username:demo.patient@bioassist.gr

Password:123456



Relative

Username:demo.relative@bioassist.gr

Password:123456



Friend

Username:demo.friend@bioassist.gr

Password:123456

4. How measuring devices are used

The following instructions constitute a summary for the use of medical devices. Detailed instructions are provided in the user guide for each device.

A. Oxymeter



1. Put the oximeter on the finger
2. Press the button
3. The device connects automatically and sends the measurements to the application

B. Blood pressure monitor



1. Wear the cuff
2. Press the "Start" button on the device
3. Once the measurement is displayed, press the "M" button to save it to the application