

User test 2 - SentioApp

Test sequence

1. Answer the *Before test* questions below

Age:	50
Gender:	Male
Profession:	MD
Education:	MD, PhD
Phone model and operating system:	Android
If you've answered the blue questions below before, no need to do it again.	
On a scale of 1 to 5 (1 = very low, 5 = very high) Rate your level of confidence in using smartphone apps.	
On the same scale, how much do you know about the health sector?	
What do you think are the biggest challenges in a health professional's work life?	
What are your expectations for an app made for health professionals?	
What should be the most important feature of the app in your opinion?	

Log in to the app with the credentials given above.	
Important! In settings make sure you see version number 0.2.0 or newer(higher). If not, uninstall the app and go back to step 2.	
Navigate to my patients and find out what NEWS is.	
Toggle between vital parameters and NEWS next to the search bar.	
Press the patient with the highest NEWS-score.	
Navigate to the patient's trend data.	

Filter trend data so that news2, HR and SpO2 are the only data checked off.	
Choose to see data from the last 3 hours. Expand and explore the news2-graph (Zoom/swipe). Find the NEWS value from about 30 min ago. (If you have an Android you can test the haptic feedback)	4
Navigate to the patient's journal and go to alarms. What is the patient's latest alarm? (Type, duration, details)	CO2 level, 60s, Module off
Navigate to alert options for the selected patient. Send an alert. Did the alert go through?	yes
Navigate to messages and stay in the Patients tab. Find out what these chats are.	
Click on Lorriane Almon's chat.	
View the pdf which is sent from Kasper in the chat. What is the title in the pdf?	A Simple PDF File
View the image which is sent from Ian in the chat. What is the title in the image?	User Testing
Play the audio which is sent from Nikolai in the chat. What do you hear?	Hello from Trondheim
Feel free to send a message. Choose whether you want to include pdf/image/audio. (Recording audio is currently only available for iOS)	
Log out of the app.	

2. After testing the app, please answer the *post-test questions (marked in orange)*.

What was your first impression?	Great programming, but still, I have a bit difficulty seeing the practical use for this App in the clinical setting. It might be useful in a setting where there are not sufficient staff for the patients. The text mode would not be able to compete with direct communication and wall monitors in our ward.
Approximately, how long did it take to complete these tasks?	15 min
Which tasks, if anything, were difficult to complete?	None, but it was somewhat difficult to understand what Patients' tab was, I was already there...
Were the names in the different pages and actions descriptive?	Yes, and probably easier to navigate when getting used to them.
Did you find anything difficult to read? (Font size and contrast)	Some of the pink numbers on black background can be somewhat hard to read.
What did you think of the colors used in the app?	Nice, but the live data update for vital indices is somewhat "hard"
Was it difficult to find information about NEWS? What do you think about the pop up?	Easy to find
Was it easy to filter trend data?	Yes. Could be nice to have a preset filter for faster switch.
How satisfied are you with the trend graphs in the trend overview? Colors, data visualization(x and y-axis)?	I did not like this too much. I believe it would be better if the y-axis went from zero, with alarm limits marked as lines. This way, it would be easier to identify the time intervals when the values were out of the predefined limits for alarm settings.
How satisfied are you with the trend graph when expanding a trend? Colors, gestures(zoom/swipe), data visualization(x and y-axis)? For Android: What do you think about the vibration (Haptic feedback)?	Same as above with data visualization. Colors nice, gestures nice, vibration not useful.
Was it difficult to find a patient journal?	Somewhat difficult.
What do you think about the alarms solution?	Depends a lot on how the alarm is visualized for the team. In real life,

	you would call for a colleague by the hospitals alarm system. Could be nice with flashing numbers when the values are out of the predefined borders.
Did everything work as you expected in the chat? (View image and pdf or play audio).	yes
If you sent an attachment(pdf, image, audio), did everything work as you expected? Was it useful to have a preview of the attachment before sending?	yes
What, if anything, caused you frustration or left you confused?	I would prefer a larger monitor. The Alarms are really well hidden. Even after knowing where to find them, it was difficult to remember how to go back. I would recommend a shortcut from the monitor screen.
What do you think is missing from the app?	Patients' journal, an option to set alarm limits. Room numbers and responsible nurse information. Option to look at ECG details, and live ECG
If you were a previous tester, did you find this version of the app better than the last?	Absolutely yes

Test questions

1	2	3	4	5
Dissatisfied	Somewhat Dissatisfied	Neither satisfied or dissatisfied	Somewhat satisfied	Satisfied

How satisfied are you with the navigation in the app?	4
How satisfied are you with the descriptiveness of the icons and text used in the app?	4
How satisfied are you with the readability in the app?	4
How satisfied are you with gestures(swipe/zoom/swipe to delete)?	3
How satisfied are you with system feedback (E.g. "Note has been created" or "No alarms available")?	2, difficult to find this feedback.
How satisfied are you with the app's colors?	4