Feedback for the

Software Design Specification

for

Health monitor system

of

Group F

by

Group K

25.04.20

Feedback

Static modeling:

- Are there any limitations on the values the class variables can have? (e.g. body temperature should not be smaller than 0)
- What exactly is this type "file"? Some kind of given class or of type fstream? Could you please explain what exactly "file" is?

Dynamic modeling:

- Is there any sort of main routine/loop that runs on the device? This is more a question with regard to the scenarios which have a "wait x minutes" clause, how exactly are these managed? Especially what happens if multiple "bad" things occur at the same time?
- In the Room temperature scenario you mention that the device_ID is changed. This seems clear in the text, but somewhat misleading in the diagram.
  Will the device with the wrong room temperature be blacklisted, such that this device_ID will never be used again?
- Is there a limit to the number of nurses that are called when the heart rate of a patient is in the critical range? Or will the device have called all of the 30 nurses after 30 minutes? And do we need to check if the called nurse is occupied or not? Same question for the other scenarios