

# **Feedback for the Software Requirements Specification**

**for**

## **Health monitor system**

**of**

**Group F**

**by**

**Group K**

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## Feedback

### 2.2 User Classes and Characteristics

- What exactly is the difference between ambulance and doctors?
- By temperature you obviously mean Body temperature. I would recommend to use a double for it.
- What is the unit/type of muscle electrical tension?

### 2.3 Operating Environment

- Is there any specification on the “certain format”?
- I think there is a misunderstanding with “port number”: I think you want to use an ID for each device, whereas port numbers are usually standardized (e.g. 443 is HTTPS). Maybe just give each device an unique integer?

### 3.1. Software Interfaces

Same as for 2.3

#### **FREQ-1 to FREQ-11:**

- Maybe allow dynamic value ranges? (Since for one patient, e.g. a value under 50 is normal, which would trigger the alarm very often).

#### **FREQ-15:**

- Is it not the highest priority for the user that the Health Device keep measuring all data at every moment?

#### **FREQ-13:**

- Take a photo right away or the last taken photo?

**Suggestion for another FREQ:**

- What happens if the monitor does not receive a signal from a device for some time? Maybe notice a nurse (e.g. Device-42 has not been sending for some time)?

**SCN-1 to SCN-3:**

- Who exactly calls the nurse/doctor/ambulance? The device or a person? And in this second case, why is this important for the software designer?

**SCN-1:**

- Do the nurses have unique numbers? Every patient have one nurse? How many nurses exist?

**SCN-2:**

- Does the program have to call the ambulance?

**SCN-4:**

- Do we have to send/receive the requests of the patient? Or only do the room temperature measurements? How exactly is a room defined, does the patient have to change the device?
- (and the box of basic flow <Nurse...> should be moved up one section)

**NFREQ-1:**

- How is this expected to be visualized? If I remember correctly, one should use the console. (Otherwise, a clear statement)

**NFREQ-2:**

- What happens if a device fails or the connection is lost?

**NFREQ-3:**

- Is reliability some kind of SLA (Service level agreement)?

**NFREQ-4:**

- Encrypt TCP or do you mean user-login account? TCP is usually not encrypted (HTTPS would be a workaround). Hospital members = Nurse, Doctor, Ambulance ?