

Medical device for monitoring patients

Interactive System Design 2 - Exercise
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Medical device for monitoring patients

- Monitor vital sign.
- Detect changes and anomalies.
- Alarms.
- UI for visualizing this data.

Task 1: create the first concept

- Research about this use case.
- What are the main elements (people and devices) of the system?
- Requirements.
- Create a picture with these elements.
- Github repository.



Task 2: models (deadline 18.05.2022)

- Identify what kind of models are necessary/useful for this use case (UML/SysML)
- Create the models (at least two)

Task 3: hardware specification (deadline 25.05.2022)

- Define the necessary hardware to develop the use case.

Task 4: refine models (deadline 01.06.2022)

- Refine your models based on the specific characteristics of the use case.

Task 4: user interface (deadline 01.06.2022)

- Define a user interface that covers the use case.

Task 5: prepare the presentation/slides/github (deadline 08.06.2022)

- Prepare your final presentation and update your Github repo.

Task 6: final presentation (deadline 15.06.2022)

- Present the tasks to all students.