

Tabiat

Context:

Subject: Patients who test positive for COVID19, or any chronic obstructive pulmonary disease and sent home to self-isolate.

Tabiat: smartphone application (& sensors) recording symptoms and keeping doctors updated on patients' conditions.

We will ask you to elicit, social, legal, ethical, empathetic, or cultural rules that the Tabiat must respect.

System capabilities:

- Collect patient consent
- Patient submit symptom that increases (Cough, Fever, Breathlessness, ChestPain, Sputum Amount, Sore Throat, Runny Nose, Sputum Color)
- Patient submit the absence of new symptoms
- Record oxygen saturation and heart rate morning
- Record oxygen saturation and heart rate evening
- Send a message to clinicians (chat)
- Receiving messages from clinicians (chat)
- Access the past health data (symptoms submitted)
- Access a health summary
- Receives a reminder notification

The patient can access the application only after obtaining the patient consent