Purpose of the system:

- Allow users to monitor and control rooms hosting patients in the hospital.
- Users are:
    - **Patients** that are staying in the hospital. A patient only has access to controls for the room they are assigned to.
    - **Hospital staff** (mainly nurses and doctors). They have access to any room.
- By **monitoring and controlling**, we mean:
    - Checking and setting the room temperature.
    - Open the windows / close the windows.
    - Adjusting heights of the bed.
    - Calling a nurse (the nurse should get a notification from the room that has called for the nurse).
- Everything should be done through an application. The application should be both for mobile and web.
- For patients who are unable to use the app (either because they are unwilling or their health condition does not allow them to), there should be an alternative to the app.
    - Buttons close to the bed.

Stakeholders and concerns:

- **Patients**
    - Must be easy to use.
- **Hospital staff**
    - Must be easy to use.
- **Hospital management**
    - Minimize costs of development.
    - Must be easy to learn for the staff because staff training will cost money.