**Story**

I am working as a Nurse Practitioner in an Intensive Care Unit for Asthma and COPD. One of my main responsibilities is to observe the breathing of a patient and also the climatic conditions in his/her space, because we have to guarantee optimum conditions for a healing at any time.

Hence, it is important to be informed about the supply of the body with oxygen at any time, because we have to react fast in case of need if, for example, the oxygen bottle is almost empty. It is also important to know the exact usage of the oxygen, because too much oxygen usage can be an announcement of an asthma attack.

Because for the human breathing, the space climate is also important, it is important to know the exact status of the respective space climate at any time.
Persona

**TOM**

“I like to make a life better with my work, than it was before.”

**Nurse Practitioner**

**About**
- 35, married, 10 years of Intensive Care Unit experience.
- Being the person who takes care of the health status of the whole patients in the Intensive Care Unit
- temporary mobile, moving from patient to patient during the day
- temporary residential, observing patients
- I work with management of Care, the Chief Doctor, Nurses and Technicians

**Pain Points**
- It is difficult to handle preventative, because I have to check everything manual.
- The long ways are very time consuming.
- The technicians are often not reachable by phone.
- It is difficult to give a quick status of all patients if needed.

**Needs**
- I need the possibility to be informed about the whole patients status quick and at any time.
- I need information about the patients supply with oxygen in detail.
- I need information about all space climates in detail.

**Main Goals**
- Always to be centrally informed about all important information in detail.
- Better quality of Emergency nursing.

**Responsibilities**
- I am responsible for observing the breathing of asthma and COPD patients.
- I am responsible for the climatic conditions in all sick rooms.
- I am responsible for good healing conditions.
Point of View

As a nurse practitioner, responsible for the air quality and health of breathing of the intensive care unit, I need a way to observe the oxygen and air condition of all rooms centrally from one point, to meet their breathing requirements.

User Experience Journey

<table>
<thead>
<tr>
<th>Actions</th>
<th>Start with work (ICU)</th>
<th>Go to first room</th>
<th>Check Oxygen</th>
<th>Swap oxygen if needed</th>
<th>Check climate</th>
<th>Inform technician if needed</th>
<th>Go to next room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mindset</td>
<td>Another day to do my best!</td>
<td>I'm curious about</td>
<td>I have to swap?</td>
<td>I have to go to the store</td>
<td>How is the air?</td>
<td>I have to inform via phone</td>
<td>I'm curious about</td>
</tr>
<tr>
<td>Fealing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Touch Points | Intensive Care Unit (ICU) | Corridor ICU | Oxygen Cylinder Set | Oxygen Store | Air Condition | Telephone | Corridor ICU |

Prototype

BUILD – published Link:
https://standard.build.me/prototype-editors/api/public/v1/snapshots/e3274923226a3b5e0e17a8a3/artifacts/latest/index.html

*you have to use your own login data for Build, but if this link does not work, please use the following Screenshots!*

Screenshot Launch Page Stauferklinikum – Intensive Care Unit:
Connected Goods Air Conditioning:

Air Conditioning

 Notifications (2)
AirCon-Room1_O does has less than 10% of Cooling Fluid
AirCon-Room1_O has missed a cleaning cycle.

COOLING FLUID CONSUMPTION

COOLING FLUID LEVEL

AVERAGE ROOM TEMPERATURE

CLEANING CYCLES
Screenshot Oxygen Cylinder Set – Geo-Match:

Screenshot Oxygen Cylinder Set – Notify: