Question and Definition Summary (Nick):

Elevator Pitch/Concept Definition:

We want to create a concept for a system that helps a lot with the patients safety concerns. It is supposed to address the most important and dangerous situations that can occur and assist the patient aswell as their family and caretakers so that everybody is less stressed

Persona:

The product is designed for the patient aswell as the people that watch out for them

The most important ->

needs:

The patient needs to be watched all the time, since dangerous situations can always occure

The caretakers have to always be aware of the patient’s current situation and be extremely flexible to be able to address that situation

wishes:

The family and caretakers want the patient to be safe and also be able to live their lives as usual

The patient wants to feel safe and not panic over their own condition, they want to be cared for and not be treated like something would be wrong with them when they make mistakes

requirements:

The patient has to be in a surrounding where they do not have so much possibility to get into dangerous situations and also be close to their caretakers

The caretakers need to be able to help the patient and know what the patient needs by being informed about their actions, maybe the patient themselves would’t be able to explain what is happening or what they have done

Patient Journey:

The patient finds themselves outside, unaware of their position or surroundings. They are unable to get back, since they do not understand where they are. The patient can then either talk to the device or press the action button. The dive can then talk to the patient and provide them with a solution, either just a explanation of whats happening, a routedescription back, a call to someone or giving someone a message with their position

The caretaker is away from the patient and gets a urgent notification about the patient leaving the stove on or starting a fire etc. that the device recognized. Then the caretaker can react on that or maybe call the patient through the device.

Which products do already exist?:

Great formfactor:

<https://eu.plaud.ai/de/products/notepin?variant=51641974161775&gad_source=1&gclid=CjwKCAjwpbi4BhByEiwAMC8Jnb2wP-9l5-TTwMisUCrWS5RaaAXojKt5-Acad4BZz2Kix060P1FufBoCPpgQAvD_BwE>

Tips for safer environment that could maybe be integrated in the features:

<https://www.nia.nih.gov/health/safety/alzheimers-caregiving-home-safety-tips>

Smart home devices like google nest can be programmed to set reminders for medication appointments etc

Digital picture frames help with memorization

Electronic calendars can help a lot

Voice Assistants, Simplified Phones and Tablets

Smart home sensors and cameras

Cognitive and Brain training apps like Lumosity BrainHQ MindMate

Remote Monitoring tools

There are also already some tools:

<https://www.carepredict.com/home-care/>

<https://www.miicare.co.uk>

<https://www.medicalexpo.com/prod/earlysense-79796.html>

<https://elliq.com>

<https://www.ibm.com/watson> models varieties like aibril