# **Case Study**

Application: Reminder for people with Dementia.

#### **Problem:**

A need for a system to assist people with Dementia in everyday care, enabling their dear ones to be able to monitor daily progress and have a little less to worry.

#### Roles:

User Experience Researcher, User Interface Designer.

#### Time:

25 weeks

#### **Solution:**

Our team did intensive user research with the help of published data and verified sources of academia.

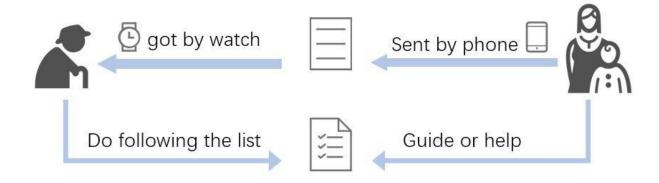
We came up with an idea of enabling the care givers with a mobile based application and the PwD with a wearable as a gift so that a positive environment can be observed.

#### **Activities:**

Interview and User Research.

#### **Process:**

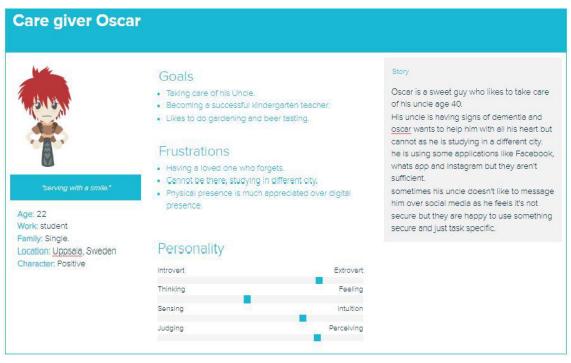
Understanding the flow.



#### **Personas:**

With the goal feature in mind, we needed to understand how users could approach this application. How would they interact on a mobile device? We developed and used a primary persona: Oscar as a caregiver and Mr.X as tools for this process.

A main takeaway from this was the minimum required events we would need for our first prototype.





#### **Tools Used:**

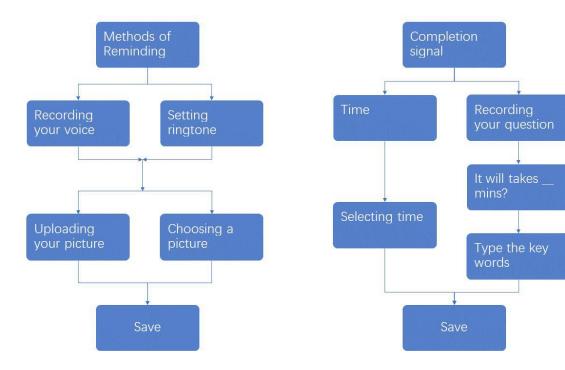
- Interview
- inVison

### **Requirements gathering and Research**

- Research Data from Academia
- Research Interviews
- Requirement's elicitation

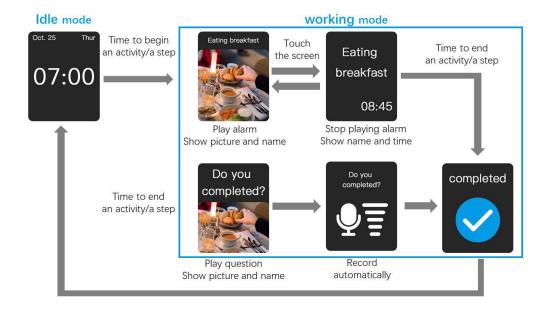
#### **Define & Execute**

- Information Structure.
- Wireframe for mobile application
- Hi-Fi prototype for mobile application
- Hi-Fi prototype for watch application

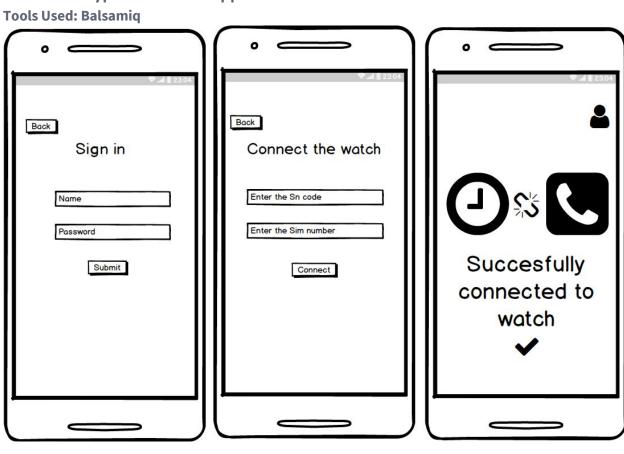


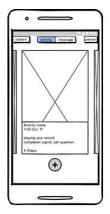
# **Prototypes:**

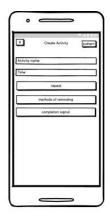
Watch application:



## Lo-Fi Prototype for mobile application:



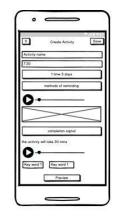












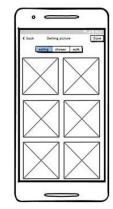






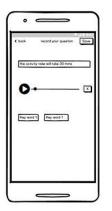


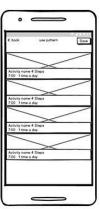






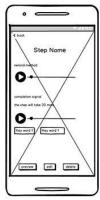




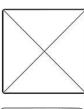














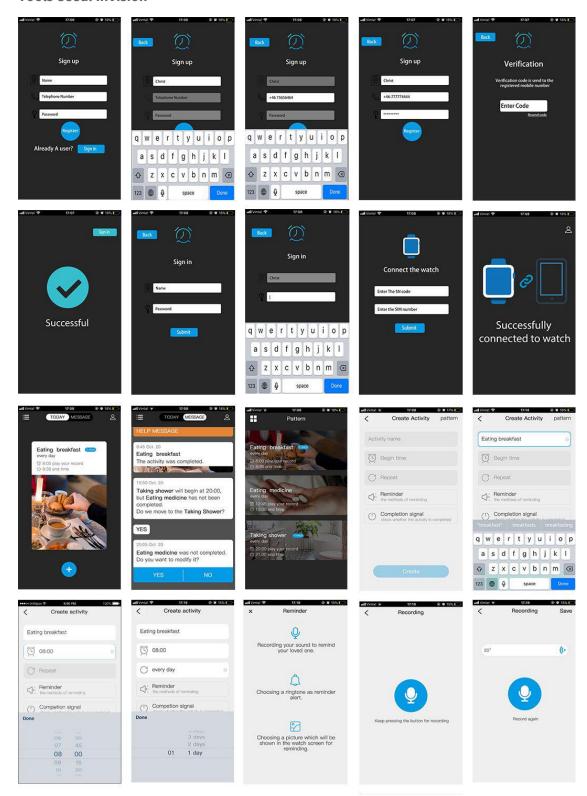


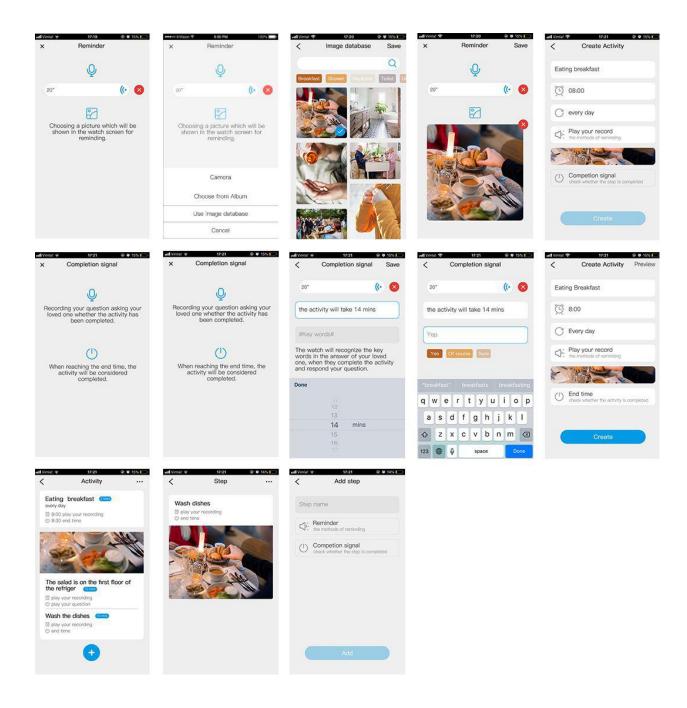






# HI-Fi Prototype for mobile application: <a href="https://invis.io/DVOO9VXCQKH">https://invis.io/DVOO9VXCQKH</a> Tools Used: inVision





## **Design highlights**

The UI design was made to make it interesting and attractive for the caregiver as well as the PwD. With the primary focus being on functionality and efficiency of the system co-dependant of a condition, we included voice and images to enhance the PwD's experience.