Background
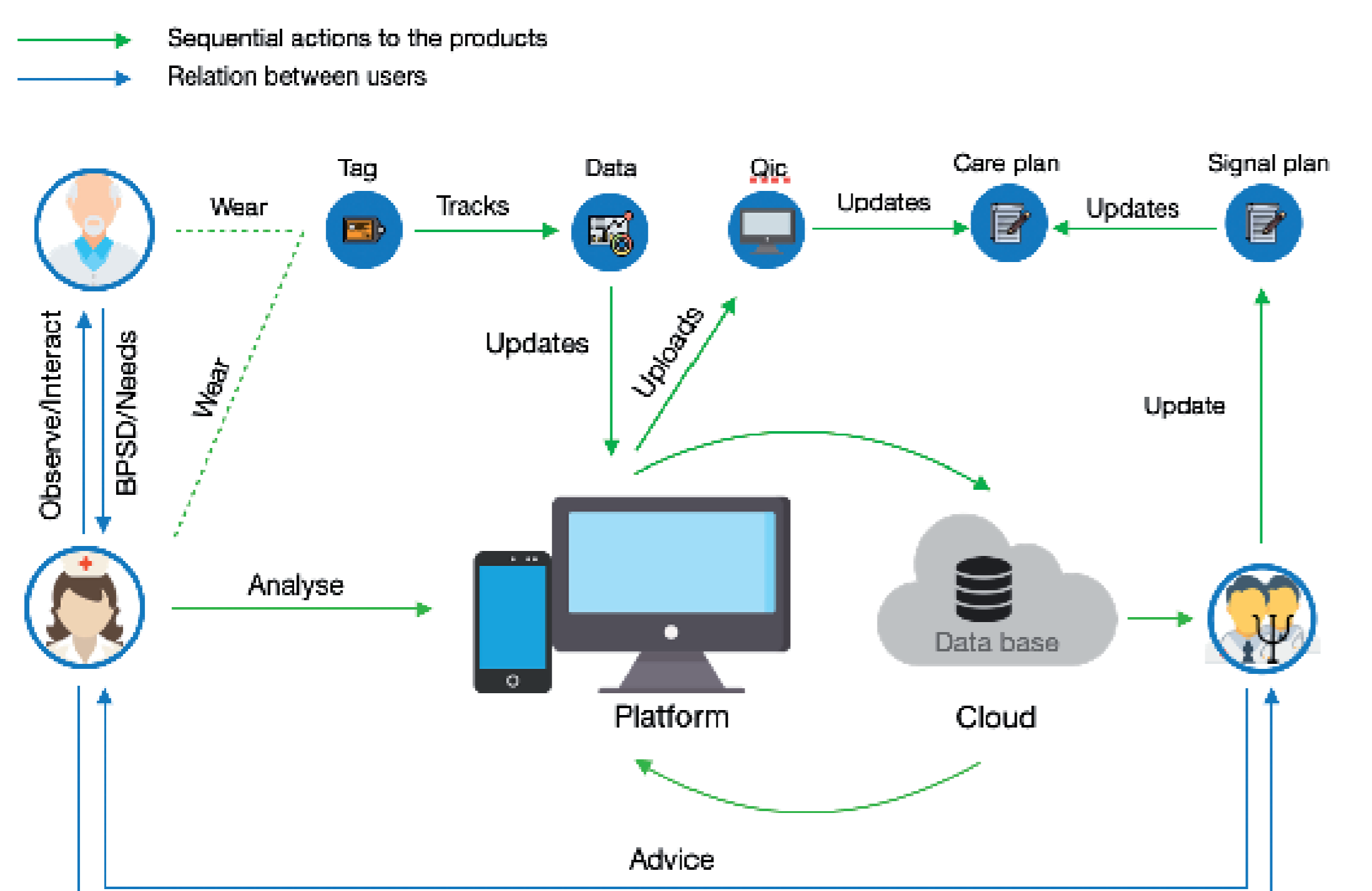
PwD(People with dementia) at their middle and late stage can not communicate their needs apprapriately. Caregivers can only get to know these by their own experience and observation. It is subjective and sometimes emotional. This project investigated how to improve the care planning process by meangingful location information. The design challenge was to design a digital platform that can help improve the care planning process.

Solution

The solution is a desktop platform combining an applicaton. They are integrated into the current communication system to help with care givers daily reporting and indirectly improve their communication with other care professionals.

Design of a data supported care planning process

A digital platform deisign to imprvoe BPSD management and care planning

Produt service system

The design forms a new product service system. The goal of the product-service system is to improve the efficiency of communication during the care planning process of BPSD management. It is adapted into the current working routine, and the learningcost should be minimal. Hence, the platform and application integrated with IPS are put into current working system as a tool to collect information and support communication. The application is portable.It can display location information.

Features

Mobile application
The mobile application is used as an indication device. Also, it allows care givers to write notes anywhere and anytime.

Data analysis platform
This module shows all the real-time and all the historical data that allows the users to do data analytics. Users can manage PwD sleep disorder, life safety, stress and socialization. They can also explore the location data to find out more useful insights.

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Design of data supported care planning process
29-04-2020
Design for interaction

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