HoCare2.0 Pilot Factsheet

Company / Institution

Caretronic

Partner

BSC, Business support centre L.t.d., Kranj

Duration of pilot

02/2021 - 06/2022

Product / Service

Smart HomeCare system

Smart HomeCare system provides a solution for elderly to live longer and better at home and at the same time provide their formal or informal caregivers a tool to efficiently care for the elderly. It combines advanced touch-screen carephone, safety wristbands and smart pill dispensers. Moreover, the system can be further upgraded by different sensors and health-care measurement devices. System provides all of the most important functions: fall detection, automatic health connectivity, alerts/reminders, smart home integration and social connectivity. Battery life will be considerably longer while the bundle will still support voice calls, fall detection, positioning (also outside), activity monitoring and more. In combination with HomeTab (advancedtouch screen device) it will reduce the time for caregivers to document services and reduce documentation failures.

Participants

End users: 11 seniors and family members, 61 - 93 years old, most of them living at home, only one residing at the retirement home. During the project some regularly participated in activities, some decided to leave and some joined few meetings.
QH-Partner:
External Expert: Prof. Ddr. Ovsenik - a top Slovene gerontologist, professor, author, researcher and practionist
Tjaša Čebašek– head geriatric nurse for institutionalised caretakers
Jelka Humar– head geriatric nurse for caretakers living at home and 2 geriatric nurses

Milestones

At the beginning of the project, we invited the elderly and their family members to participate in the project. Then we proceed with the organization of the first online focus group and the presentation of the selected solution (participants selected the solutions with voting) to participants and experts. After reaching the low-fidelity proof of concept we tested the outcome with citizen walkthroughs and questionnaires. We proceeded with the creation of the first and second prototypes, which users then tested and provide feedback. Then we analyzed the feedback from end-users and presented findings to representatives of the quadruple helix.

Methods used

Open dialogs,
-interviews,
-citizen walkthrough,
-diary studies,
-sticky notes,
-mind maps,
-online questionnaires

Highlights / drawbacks

The biggest drawback was the covid-19 pandemic situation. It was a challenge to adapt the project activities, e.g. as motivation of the end-users to participate in the project was affected. During the project, we were impressed by the ability of the elderly to use the digital solution and their creative thinking.

Contact

Find out more at www.http://interreg-central.eu/HoCare2.0.html and https://www.bsc-kranj.si

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