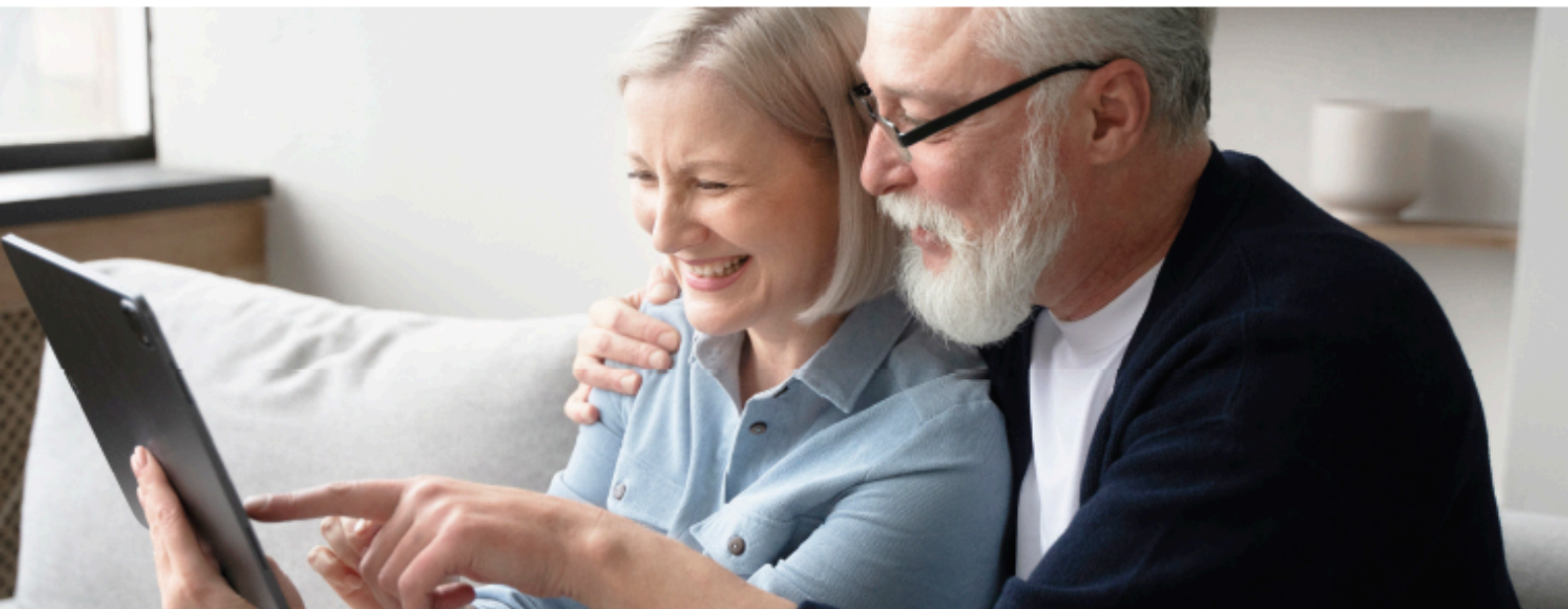


AI AND CO-DESIGN TO SUPPORT DEMENTIA: LESSONS FROM A FIRST CO-CREATION SESSION



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CHALLENGES

- Dementia affects: memory, cognition and daily activities
- Non-cognitive symptoms: anxiety, depression, delusions and pain
- Reduced quality of life and increased caregiver dependence

OBJECTIVES

- Design and develop a user-friendly and highfidelity prototype adapted to the needs of people with dementia
- Provide a personalized and user-friendly environment through music, photos, VR and a chatbot to enhance cognitive stimulation, emotional and physical well-being

INCLUSIVE DESIGN

Simple, clear, accessible and intuitive

VR EXPERIENCES

Relaxation, music and multisensory activities to promote well-being



MEMORY DIARIES

Record memories or daily life (audio, video or text) and revisit them anytime

AI CHATBOT

For symptom detection and emotional support

CONCLUSIONS & FUTURE WORK

The positive experience from co-creation sessions allowed us to our prototype refinement and move forward to the app development. Ultimately, we aim to enhance quality of life, confidence and wellbeing for people living with dementia.