MindTech Healthcare Technology Co-operative

Eliciting stakeholder option on KuPA, a Norwegian computer-supported activity service for people with dementia

NHS National Institute for Health Research

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What is *KuPA*?

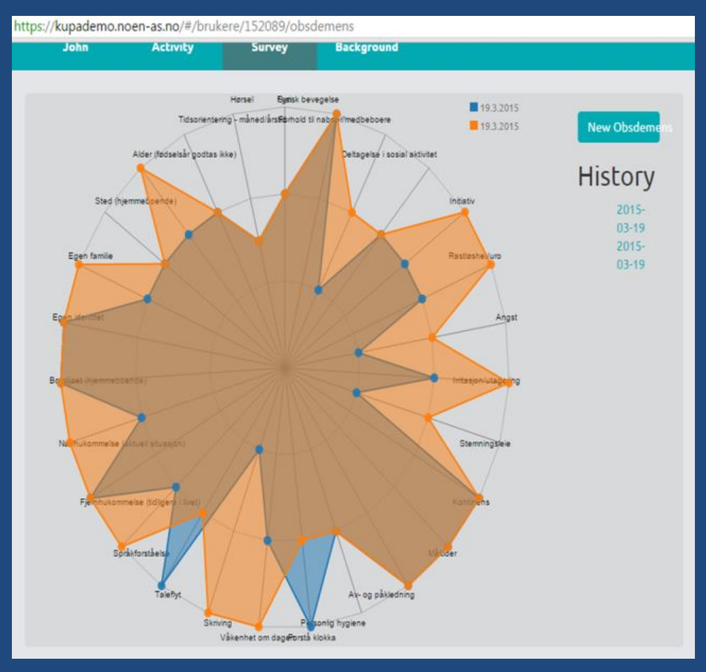
- **Knowledge based, User-adapted Person-centred Activity service** for people with dementia, developed in Norway by Noen AS in 2008.
- **Investigate fit and opportunities in England** for the service, supporting one-to-one accompanied activities at or outside the home.
- **Software-supported** activity planning and outcomes tracking.
- **Collaboration** of NIHR MindTech Healthcare Technology Co-operative with partners in Norway: Noen AS (Service provider), Kantega AS (software developer), SINTEF (Scandinavian research institute).

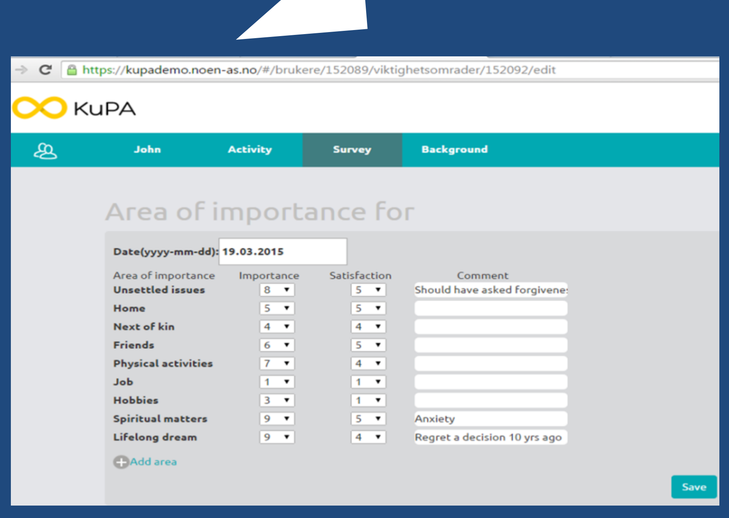
The research

- **Investigating the role of technology** in helping people to realise their aspirations as part of an holistic plan of care.
- **Psychosocial approach** - awareness of the individual's life before dementia**.** Importance of biographical context – family & friends, life-goals, job, hobbies and interests. Keeping people connected to their community and avoiding isolation.
- **Collecting stakeholder opinion from various settings :** home care, care homes, charities, local authority & NHS service providers.

The KuPA tool

The individual's background, capabilities and wellbeing goals are **initially assessed and then tracked over time**.





The tool identifies the **initiative areas** where there is high importance and low satisfaction in the person's life .

The individual has **regular sessions of accompanied/guided leisure activities** in or outside of the home on the basis of his/her priorities and preferences.

The KuPA tool **recommends** the activity for each session and **learns over time.** Outcomes of the activities are collected and used to improve future recommendations.

Barriers and Facilitators

1. **Which settings** are feasible: home, supported accommodation, care homes, day centres, memory cafés?
2. **Role of the KuPA guide** in the UK & training needs?
3. **Eligibility** if publically commissioned?
4. **Business models**? Partnership, franchise, software licensing/purchase?
5. **Client/resident payment model**? Self-funded, direct payments, commissioned etc.?
6. **Match of the therapeutic method** to current or future approaches to dementia wellbeing in UK: **dependency model vs. recovery model**?
7. **Usability and acceptability** of the software for its intended users?

Stakeholder elicitation

The following 7 organisations agreed to participate (11 subjects interviewed April-May 2015):

- **Nottingham CityCare Partnership** – Admiral Nursing
- **Alzheimers' Society** , Nottingham branch - befriending service
- **Nottinghamshire County Council** – public health
- **Home Instead Senior Care** – home care franchise
- **ExtraCare** - residential care charitable trust, 'Locksmiths'
- **JoCo** - consultancy and training provider with person-centred musical life history products
- **University of Nottingham & Nottinghamshire Healthcare NHS Foundation Trust** – old age psychiatry practitioners

Data collection from semi-structured interviews is complete and thematic analysis is being performed on the transcripts and field notes.

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