Plan Overview

A Data Management Plan created using DMPTuuli

Title: "Those were the days?" – A qualitative study on elderly's acceptance of the digital world

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Affiliation: Other

Template: General Finnish DMP template

Project abstract:

The studies have shown that digitalization is affecting the elder population and that there is a variety within elderly who adopt the digital services naturally as well as people that are left out. While the reasons for either way may vary, it is important to hear people's own reasons and feelings about this phenomenon. While many studies in this literature review showed ICT to be challenging and sometimes frightening to the elderly population, it also showed it to have empowering and entertaining effects. These variables can only be recognized with deeper narrative interviews which give space and the freedom for people to get their stories out. In these interviews, the study aims to find personal reasons for what happens when the living environment is changing into more digital and how it affects the QOL of the people in question.

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Copyright information:

"Those were the days?" – A qualitative study on elderly's acceptance of the digital world

1. General description of the data

1.1 What kinds of data is your research based on? What data will be collected, produced or reused? What file formats will the data be in? Additionally, give a rough estimate of the size of the data produced/collected.

The original data format will be audio recordings of the single-person interviewers. No previous research data will be used during the interviews.
Audio files
Format: .mp3
Size: Under 10GB
Hardware: Zoom H1n audio recorder
These audio files will be transcribed into text files during the process.
Text files
Format: .docx
Size: Under 20MB
Hardware: Personal ThinkPad PC

Text files will be coded with Atlas Ti software for coding purposes
Project file
Format: .atlproj
Size: -
Hardware: Personal ThinkPad PC

1.2 How will the consistency and quality of data be controlled?

Interviews are recorded and transcribed. The equipment is checked out before each interview session to ensure quality of recording. Interviews are done indoors with minimal background noise. Transcribing will follow the recordings to ensure the accuracy of the collected data. Pseudonymisation is done in order to link the data collected during different interviews to the specific participant. All the direct identifiers are deleted after transcribing the audio. As the transcription data is pseudonymised, it can be monitored also by an external monitor. During coding, different pseudonyms and aliases can be used to identify specific groups.

2. Ethical and legal compliance

2.1 What legal issues are related to your data management? (For example, GDPR and other legislation affecting data processing.)

When the study focuses on the personal feelings and experiences of the participants it is important to take care of the security of the data. This research won't include any medical history of the participants and the participants have the freedom to decide what information to share. Participants have signed a consent form before starting the interview. Data security is enforced by having only the main researcher handle it on local files.

2.2 How will you manage the rights of the data you use, produce and share?

The owner of the research data is Uppsala University and yours truly. Data will be shared only with the supervisor of the thesis. There is no research group involved in the research as the main researcher is the sole researcher. Research data will be accessible to other researchers afterwards after pseudonymisation. After pseudonymisation, there might be an external supervisor on ensuring the transcribing quality. The direct and some of the indirect identifiers are removed.

3. Documentation and metadata

3.1 How will you document your data in order to make it findable, accessible, interoperable and re-usable for you and others? What kind of metadata standards, README files or other documentation will you use to help others to understand and use your data?

The research data will not be available after the return of the thesis. Analysed results and quotes will be available in the thesis after its publication.

4. Storage and backup during the research project

4.1 Where will your data be stored, and how will the data be backed up?

Data will be stored locally on a personal laptop and desktop PC. The findings will not be stored on any cloud services so there is no opportunity of data leaking abroad by the cloud service providers. Data files containing personal information will be encrypted and protected by password in Windows Office. To exclude the possibility of software or hardware malfunction, an external backup will exist on a remote USB drive.

4.2 Who will be responsible for controlling access to your data, and how will secured access be controlled?

The researcher Sampo Sorvisto will be the only person with decryption passwords and access to the laptop and personal desktop computer in question.

5. Opening, publishing and archiving the data after the research project

5.1 What part of the data can be made openly available or published? Where and when will the data, or its metadata, be made available?

The coded findings and quotes from the pseudonymized data. the thesis which will only have analysed results without any identifiers (that can be traced back to any individual) will be published online via DiVA (Digitala Vetenskapliga Arkivet) and available publicly through the Uppsala university library.'

5.2 Where will data with long-term value be preserved, and for how long?

the research data will be deleted after submission and acceptance of the thesis

6. Data management responsibilities and resources

6.1 Who (for example role, position, and institution) will be responsible for data management?

Yours truly (Sampo Sorvisto) as the role of the main researcher

6.2 What resources will be required for your data management procedures to ensure that the data can be opened and preserved according to FAIR principles (Findable, Accessible, Interoperable, Re-usable)?

Not applicable in master's thesis project. The thesis in question will be available via DiVa and the Uppsala University library

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