Plan Overview

A Data Management Plan created using DMPonline

Title: Processes, experiences, and outcomes for older adults who self-fund home adaptations

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Project abstract:

As people age, moving around their homes safely may become more challenging, and installing adaptations such as stair lifts, wider doorways, and level access showers inside homes might be necessary for some people to be able to stay in their own home. In England, local councils cover most adaptations costing £1,000 or less, and public funding for those costing more may depend on someone's financial situation. More specifically, this includes personal needs, income levels, and whether it is realistic and possible to carry out the work on the building. However, applying for this funding may be a challenging process, as waiting times are long and it can be difficult to know where to find information about such services. Additionally, people who qualify for some funding may still be required to pay a portion towards their adaptations.

As a result, large numbers of people either put off or drop out of the application process; others have to find their own way of arranging their adaptations. This study will explore the experience of these particular groups of people. There is very little previous research on this group, mainly because most studies have only looked at the experiences of people whose adaptations are funded by state funding. This study will recruit older adults in this user group and interview them about their experience and opinions, as well as their unique solutions to the problems moving around the home (e.g., paying for adaptations from their own finances or families paying for them). The study aims to examine the impact of housing adaptations on processes, experiences, outcomes of these participants through conducting interviews and questionnaires. Findings from this research will help to guide future thinking about how such adaptations are assessed and funded in the future.

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Processes, experiences, and outcomes for older adults who self-fund home adaptations

1. Defining your data

1a. What data will you create or use?

I will collect data from research participants via interviews and questionnaires. This includes interview recordings, interview transcripts, and social care outcome data, in the form of completed questions from:
1. EuroQol EQ5D-5L
2. Adult Social Care Outcomes Toolkit (ASCOT)
3. Barthel index
4. Falls-Efficacy Scale
This data will be used for purposes of this study.

1b. Who owns the data you will create or use?

Xuemeng Li (principal investigator) will own the data created and used from this research.

1c. Are there any ethical or legal considerations relating to the data you will create or use?

Since my research collects personal data and may include answers to questions that are sensitive to participants, the study needs to maintain high ethical standards in data management to protect confidentiality and anonimity. I will make sure that the study follows the UK GDPR/Data Protection Act.

2. Working with your data

2a. How much data storage will you require during your project's lifetime? (tick the storage requirement you estimate for your project)

- < 250GB

2b. Where will your data be stored for the duration of the project? (tick the storage option(s) you have chosen to use)

- University of York filestore (my personal filestore - the M: drive - on the centrally managed network)
- University of York Google Drive

2c. How will your data be backed up?

The data will be backed up automatically by filestore.

2d. How will you manage access to your data and its security?

Only the researcher (Xuemeng Li) will have access to research data. The data will be encrypted and password protected on both University of York filestore and University of York google drive. Only the researcher knows the password.

2e. How will you organise your data?

The interview data and questionnaire data will be stored in separate folders named accordingly. The interview data folder will be divided into as many subfolders as there are participants. These subfolders will be named by participant number to ensure confidentiality and anonymity. Within each subfolder is the corresponding interview recording and transcript. The questionnaire folder will follow a similar system, with each subfolder named by participant number and containing questionnaire answers of the participant.

2f. How will your data be documented and described?

I will create a readme file that documents data collection, including dates of collection, contact details of the researcher, collection methodology, as well as sharing and access information.

3. Archiving your data

3a. Which data will be retained long-term?

Both interview and questionnaire data will be retained long-term as they may be important in informing future research.

3b. Where will you deposit the data? (tick the data repository/archive you have chosen or are required to use)

- University’s Research Data York service

4. Sharing your data

4a. Will the data you archive be openly shared?

- Yes (go to question 5a)

4b. What access restrictions will be imposed on the data you archive?

5. Implementing your plan

5a. Who is responsible for implementing your plan?

The researcher (Xuemeng Li) is responsible for implementing the data management plan.

5b. How will your plan be kept up-to-date?

The plan will be reviewed every two months by the researcher and the supervisor during the study.

5c. What training or further information will you need to successfully manage your research data throughout the project?

I will attend the University's online tutorial for research data management (RDM101).