## Data attached to Work Package 4 of the Designing for Healthy Cognitive Ageing (DesHCA) Project

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## Data Archive Link and Reference

McCall, V; Rutherford, A (2024): Serious game data archive for the Designing for Healthy Cognitive Ageing (DesHCA) Project. Version 1. University of Stirling, Faculty of Social Sciences. Dataset. http://hdl.handle.net/11667/227

## Background

The Designing for Healthy Cognitive Ageing (DesHCA) aimed to test, understand, and identify facilitators and barriers for various stakeholders, including older people, in achieving cognitively sustainable housing, in both new-build and retrofit contexts.

The DesHCA project has developed a co-produced legacy tool called ‘Our House’ as part of its Work-Package 4, led by Professors McCall and Rutherford. The archived data attached to this work-package has been generated from 10 playtests of the serious game legacy tool that was developed. Our House is a serious game that was developed to generate research insights on how to deliver housing for older people that is cognitively sustainable and inclusive.

## Overview

These are the first set of notes (1 of 2) from playtest session 3, which took place on the 18th of May 2023. The playtest comprised of 35 participants.

These notes have been fully anonymised, with all identifiable characteristics, including the participants’ names, removed, or replaced with pseudonyms.

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| **Round 1** |  | **Quotes** |
| 1.1 | Stated that to try and gain more accessible space, but keep inside the budget, a kitchen diner with a small living room was prioritised - expressed challenges due to rent. |  |
| 1.2 | Slightly unsure on having a smaller less accessible living room even with the kitchen diner but can’t come up with another solution within the cost. |  |
| 2.1 |  | *“Family own property and are quite well off so feel like they would have done stuff to make it more accessible for ageing already.”* |
| 3.2 | Decided to build a stereotypical 1960s-1970s house to start. | *“He’s a lawyer so surprising if he does not have a bathroom downstairs.”* |
| 3.1 + 3.2 | Lots of discussion about what to have downstairs for accessibility and usefulness - implying stairs is a huge factor. |  |
| 3.1 | Prioritising wet room downstairs (partly in case of illness). |  |
| 1.2 | Implying a good accessible bathroom was a huge priority- chose it over a high rated accessible living room. | *“We really don't want to downgrade the bathroom.”* |
| 2.2 | Bathroom on ground floor implied as a precaution in case of illness etc. |  |
| 3.2 + 3.1 | Debating access to the house - stating good access as of high importance. |  |
| 1.1+1.2 | Wellbeing at 13. |  |
| 2.1+2.2 | Wellbeing at 10. |  |
| 3.1+3.2 | Wellbeing at 14. |  |

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| **Round 2** |  | **Quotes** |
| 1.1 | Decided to move to get more money after assessing options for adaptations. |  |
| 1.1 |  | *“Not going to like long way from the shops he likes his town.”* |
| 2.1 | Rattle tipper - referenced as a necessity for keys. |  |
| 2.2 | They decided to put cooker isolation in. | *“Cooker isolation- is it bad enough that we need it?” ... Maybe to put husbands mind at ease we should put it in.”* |
| 3.2 | Worried part time work might bring financial insecurity that we do not see the full extent of yet - wants to prepare. |  |
| 3.1 | Thinks garage conversion is the best way to go especially thinking about inheritance - Inheritance played a huge part in this team's decision making. |  |
| 2.2 |  | *“Can walk in and out of shower so just need to make it easier for use.”* |
| 2.2 | Decided to make small adjustments to make it easier so that house still feels the same and a home - expressed concern for emotional wellbeing of Kerry and her husband. | *“We didn't want to change too much so house still feels the same.”* |
| 1.1 | Moved and then chose easy adaptability for rooms- wanted to future proof more in case Joseph declines. |  |
| 1.2 | Put a garden in this time which they were very happy with. | *“He cannot go out so much now so it is very important.”* |
| 2.1 + 2.2 | Found adaptations relatively cosy with money they had - added small helpful adaptations to aid independence. | *“Wanted Kerry to remain as independent as possible.”* |
| 3.1 | Found the fact it was undiagnosed frustrating due to no grants being able to be given. |  |
| 3.2 | Would pay for OT assessments if got money. |  |
| 1.1+1.2 | Wellbeing started at 13 and ended at 7. | *“Moving has taken happiness down but was necessary.”* |
| 2.1+2.2 | Wellbeing started at 10 and ended at 10. |  |
| 3.1+3.2 | Wellbeing started at 14 and ended at 10. |  |

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| **Round 3** |  | **Quotes** |
| 1.1 | Lots of discussion around whether the things he can access can sustain and substitute i.e. couch - if he can sit on the couch he can rest, eat, watch tv, have people etc. | *“Can sit on couch in living room which is important.”* |
| 1.2 | Now implying worry for further issues want to make bigger adaptations and not commit to the small. |  |
| 2.1 | Still implying small changes are better for wellbeing and value than big drastic ones. |  |
| 2.1 | Shawn is worried so participant wanted to get person for Kerry to aid her and him. |  |
| 2.2 |  | *“He’s (Shawn) Not going to get in and out easy will hopefully heal the hip, but he can sleep downstairs right now” “Should we put in a bed sit for Kerry.”* |
| 3.2 + 3.1 | Weighing up whether they should stay in the house - came to the conclusion that they should stay due to emotional feelings and the hope that it will also provide cognitive protection. |  |
| 1.2 | Participant was not surprised by this and expressed slight exasperation with situation - implied he sees it happen all the time. | *“Have applied to council for housing allocations because landlord wouldn't get adaptations.”* |
| 2.1 | Expressed being a bit lost on how to help Kerry - Implied Alzheimer's was now at a stage where house could not give much more aid. |  |
| 2.1 | Want to sleep in same bed so switched living room to bedroom and single room downstairs to snug - expressed that keeping them together in same bed/room extremely important |  |
| 2.1 | Decided as Alzheimer's progressing - downstairs will stay long-term and will allow them just to dementia proof downstairs. |  |
| 1.1 | Expressed how important a garden is too emotional wellbeing. | *“Sad because he hasn't got the garden” - no longer accessible.”* |
| 1.1+1.2 | Wellbeing started at 7 and ended at 6. |  |
| 2.1+2.2 | Wellbeing started at 10 and ended at 8. |  |
| 3.1+3.2 | Wellbeing started at 10 and ended at 9. |  |