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**Dissertation Questionnaire Research**

**Technology and Methods used in Assisting with**

**Alzheimer’s/Dementia Symptoms**

Hello, my name is Charlie Leopard – I am currently studying Computer Science at Newcastle University. I am conducting research into what technologies and methods people who have or currently do care for people with Alzheimer’s or have Alzheimer’s themselves. The purpose of the study is part of a dissertation project to explore current approaches for Alzheimer’s care and develop new methods and custom technologies to assist in improving reminiscence (memory), the ability to retain information, and upkeep daily routines in the early to mid-stages of Alzheimer’s, with the goal of keeping our loved ones independent for longer with the use of technology that is helpful and enjoyable.

The following questionnaire consists of 6-8 questions and should take no longer than 5-10 minutes. All responses are kept anonymous and no one will be identifiable in the research. An information sheet is available if you wish to learn more.

1. **Have you or someone close to you (partner/relative/dependant) ever been diagnosed with Alzheimer’s/Dementia?**

*Tick one or more:*

**I have been diagnosed or have symptoms of Alzheimer’s.**

**Someone close to me had/has Alzheimer’s.**

**I have cared for someone with Alzheimer’s.**

**I have no experience with Alzheimer’s.** *(No need to continue questionnaire)*

**Other:**

1. **Do you or the person receive help from the NHS or other services?**

*Tick one or more:*

**Independent**

**Only family/friends**

**Care home / assisted living**

**Paid carer**

**Community nurse visits**

**Other:**

1. **What are your opinions on current/future technology in general?**

*Tick one or more:*

**No opinion**

**Too confusing or frightening**

**Uninterested**

**Exciting / enjoyable**

**Useful / helpful**

**Other:**

1. **Have you ever used any of the following technology/products to assist yourself or someone else with Alzheimer’s?**

*Tick one or more:*

**Mobile/Tablet Applications**

**Healthcare/Help Websites** (e.g. Alzheimers.org.uk)

**Music Therapy**

**Video Games / Memory games** (Nintendo Wii, Nintendo DS, mobile games, or others)

**Automatic Reminders**

**Dated pill boxes or Automatic Pill Dispensers**

**Locator Devices**

**Telecare Systems**

**Voice assistants** (Like Amazon’s Alexa, or Apple’s Siri)

**Smart home technology** (Automatic lights, sensors, smart heating, smart locks, etc.)

**None of the above**

**Other:**

1. **Which of the following methods do you think are helpful for Alzheimer’s?**

Tick one or more:

**Playing music from the when I/they were younger**

**Looking through photo books**

**Watching videos of family & friends**

**Memory games / Brain training**

**Social Media**

**None of the above**

1. **How helpful do you think the following ideas could be? :**

*Tick one or unsure if you don’t know:*

1. **Personal memory games involving photos of family, friends, and places**

**Not Helpful Not Very Helpful Unsure Quite Helpful Very Helpful**

1. **Daily/weekly reward point systems to track your memory**

**Not Helpful Not Very Helpful Unsure Quite Helpful Very Helpful**

1. **Automatic reminders around the home or on your phone**

**Not Helpful Not Very Helpful Unsure Quite Helpful Very Helpful**

1. **Simplified mobile messaging or simplified social media:**

**Not Helpful Not Very Helpful Unsure Quite Helpful Very Helpful**

1. **(Optional) Is there anything else you would like to see or use that you think could help?**
2. **(Optional) Additional information/comments:**

**This is the end of the questionnaire,**

**Thank you for participating.**