



# Robot companions and caregivers for seniors



We have chosen the topic of Robot companions and caregivers for seniors due to the fact that the elderly often face loneliness in care home, this is supported by stats that one in three seniors are lonely according to time magazine and they aren't supported with caring empathetic staff - "...1 in 3 people aged 80 will have difficulties undertaking five or more tasks of daily living unaided..."(Costa, 2018), which has historically led to find staff and robots can make up for this lack of manpower because Seniors have a lot to gain from robot companions and carers, including aid with everyday tasks, companionship, and even health monitoring. They can give seniors' families and carers peace of mind while also assisting seniors in maintaining their independence and quality of life. Additionally, using robots to provide care may result in lower healthcare costs and a solution to the rising need for eldercare as the population ages.

## **Group Member Work Allocation:**

- Ethan - building the project website
- Ella - diligently researching the subject
- Sandy - expertly combining data and assembling the presentation's slide deck – fact checking

Costa, A., Novais, P., Julian, V., & Nalepa, G. J. (2018). Cognitive assistants. *International Journal of Human-Computer Studies*, 117, 1-3.

Ducharme, J. (2019, March 4). One in Three Seniors Is Lonely. Here's How It's Hurting Their Health. *Time*; Time.  
<https://time.com/5541166/loneliness-old-age/>