

Memorable

Milestone 1

Cindy - Reggie - Saloni - Tiffany

Milestone 1 - Proposal

Research data exchange and patient profile content

- ✓ 1. Contact & meet with caregivers/professionals
- ✓ 2. Develop more understanding
- ✓ 3. Paper prototype
- ✓ 4. Set up web application

CI with Caregivers: Sandra

Background:

- Nursing assistant at Aegis Memory care unit
- Works with people with later stages of dementia

Takeaways:

- Care homes are “chronically understaffed”
- Families and caregivers generally exchange information in person
- Communication to family members should be less clinically focused; include pictures/details/funny anecdote about residents

CI with Caregivers: Rachel

Background:

- Nurse at care home in Redmond

Takeaways:

- Ratio of caregivers to residents is insufficient in care facility
- Resident's willingness to engage in activities varies by mood

CI with Families: April

Background:

- Grandfather in late stages of dementia
- Grandmother is gradually losing memory

Takeaways:

- Grandparents love receiving letters and content from family
- April's mother interacts with caretakers primarily via texts, but also calls, emails, and notes.

CI with Families: Barney

Background:

- Mother is primary caregiver of grandmother with Alzheimer's
- Talks to grandmother twice a month

Takeaways:

- Giving older person something family is very important
- Families aren't interested in receiving clinical info about dementia progression
- Clear distinction between information sent to child vs grandchild

CI with Researcher: Amy

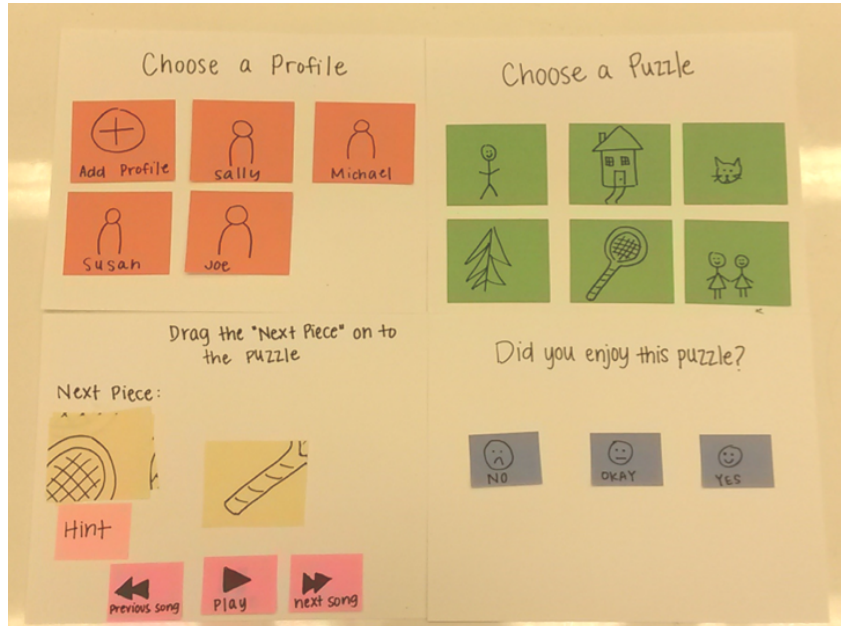
Background:

- Biomedical and Health Informatics
- Researcher in activity engagement for people with dementia

Takeaways:

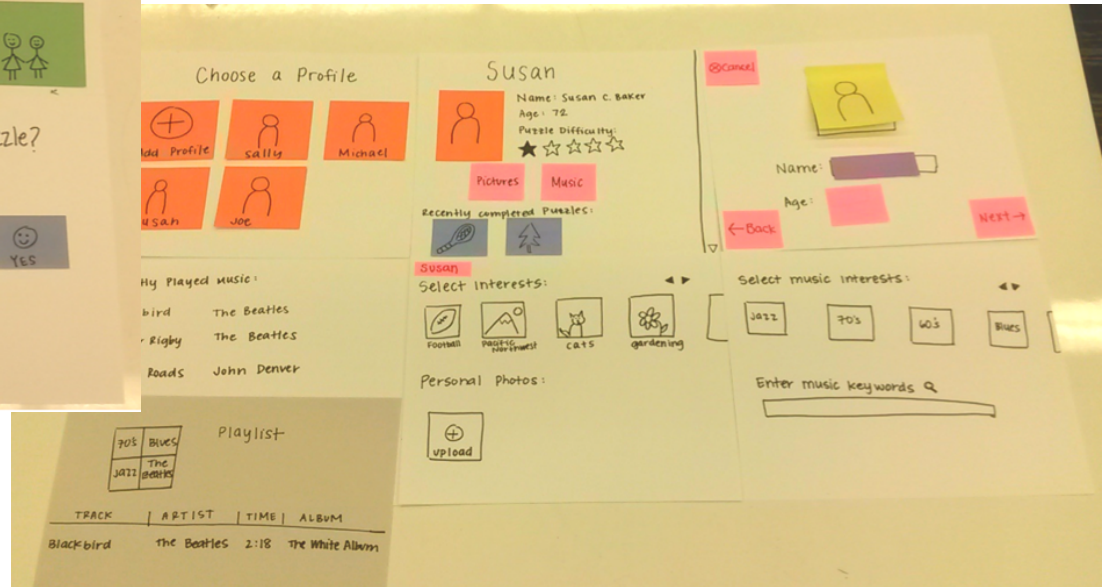
- Family members more motivated to upload pictures
- Keeping log of patient's mood; "Did you enjoy this?"
- Family members may also be interested in what relatives are doing (activities and enjoyment)

Paper Prototype



Resident's Views

Caretaker/Family's Views



Usability Testing with April

PROS:

- Simple enough interactions that being tech savvy isn't required
- Uploading picture content for the puzzle was also easy

CONS:

- Profile setup page wasn't explicit enough (personal vs. elderly)
- Confused about album square in music player

Suggestions:

- Display personal captions from family alongside pictures
- Slide shows to display all of the pictures

Current Web Application

memorable.herokuapp.com

Plan for Future Milestones

Milestone 2: Begin building interactive prototype

- Prototype and iterate on data exchange process
- **Defining information included in patient profiles**
- Implement puzzle game and music player

Milestone 3: Complete basic implementation of all application features

- Implement data exchange and patient profiles
- Conduct usability testing and iterate based on design feedback

ToDo's this week

1. Revise design based off of CI's
2. Volunteer
3. Assign development tasks

Blocking

1. Getting comfortable with Spotify API
2. How to design off of current takeaways?
3. Digital Mockup... yes? no?