SeniorCircle

Brighten your community — together!

Midway Milestone Presentation

Annie N.

Cyrus D.

Steven. G. O.

Problem & Solution

Problem:
Seniors who live in care homes often struggle to find community.

Diverse Abilities
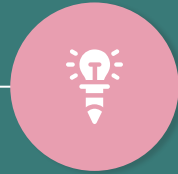+
Inconsistent Energy Levels
=
Difficult to connect

Solution:

- Group residents of complementary ability and energy levels

- Assign a task that serves an overall community goal.

Overview

HE Results

Revised Design

Hi-Fi Status

Hi-Fi Demo

Summary

Heuristic Evaluation Overview

13 Violations Severity 3-4	**9 Changes**
17 Violations Severity 1-2	**9 Changes**
4 Violations	**H2 Match Between System and Real World**
3 Violations	**H1, H3, H4, H6, H11**

Simple Task Violations

H3 User Control and Freedom

Severity 4

Users can make an error when checking in

H2 Match Between System and Real World

Severity 3

Order of directions doesn't match up to real life

H8 Aesthetic and Minimalist Design

Severity 3

Unclear when the user is done or must do another task

H1 Visibility of System Status &
H2 Match Between System and Real World

Severity 4

No info given on where and when to meet

Simple Task Revisions

Your task for today is: <u>folding napkins</u> for Happy Hour!
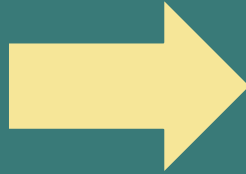
Your Team

Eva F.   Herb P.   Marcy O.

1. Put down the phone
2. Find your team
3. Do your task

press button when done!

call for assistance

Thanks for checking in!

To confirm: you're feeling <u>very energetic</u> and <u>very social</u>?

Yes!

No, let me answer again

Your task for today: fold napkins for Happy Hour!

Your team:

Eva F.   Herb P.   Marcy O.

Time: 11:00am
Place: Dining Room

I've met with my team, we're ready to start!

Staff   Garden

Order of directions

Info for where and when to meet

Check-in with error prevention

Simple Task Revisions

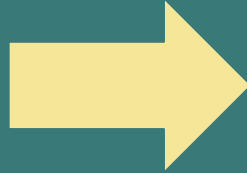We're getting closer to Happy Hour!

Thanks for doing your task! You're all done for the day! 🎉

Do Another Task

Check out the Community Garden, a place to see what others have done!
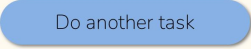
See the Garden

Post to Garden

Thanks for folding napkins for Happy Hour!

You're done for the day!

We've let your community know by planting in the Garden.

See the Garden

Feeling energetic?

Do another task

- Order of directions
- Placement of "Do another task"

More efficient → Fewer button taps → Fewer errors

More robust → Clearer UI → User does not get lost

Moderate Task Violations

H3 User Control and Freedom

Severity 4

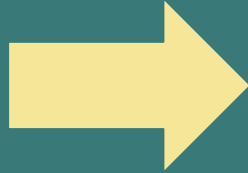**There is no way to get out of the call for help screen**

Moderate Task Revisions

Hang tight!
Jo is on her way!

Jo: enter code here

Call Jo Again
(available in 9:58)

Hang tight!
Jo is on her way!

Help has arrived!

Cancel call

- Cancel call

- No unlock code

- User has more freedom

Complex Task Violations

H6 Recognition not Recall

Severity 3

Users are not clear when they are, or that they can post to the garden
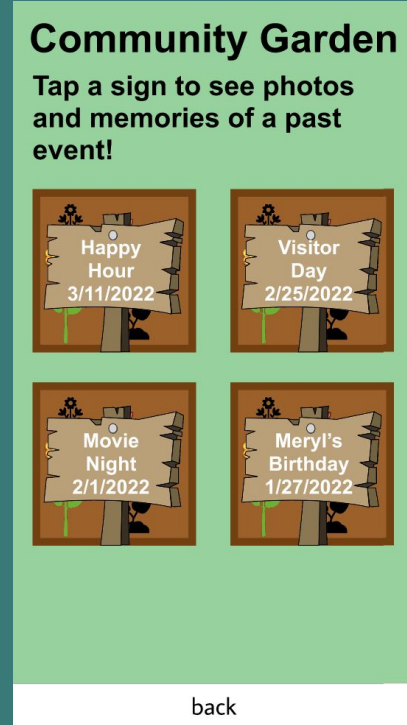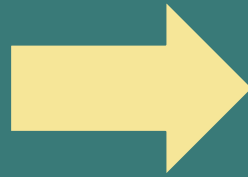
H2 Match Between System and Real World

Severity 4

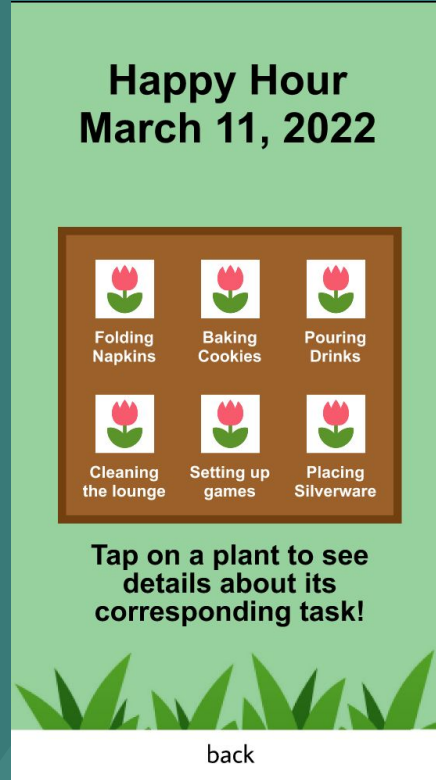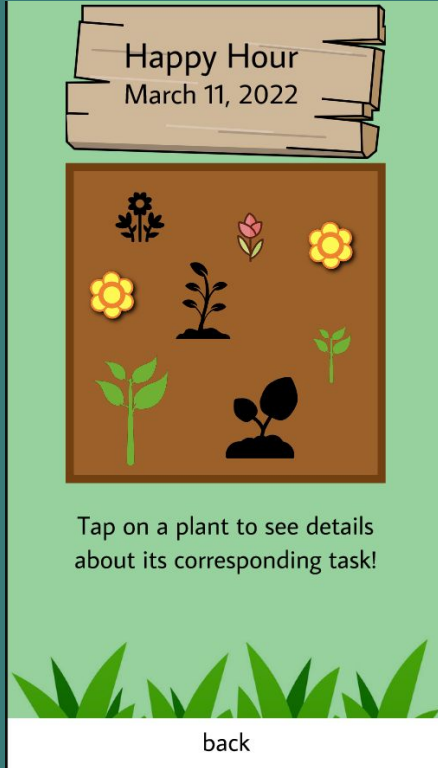**What do the plant icons mean?**

H11 Accessibility

Severity 4

Text and icons are too small
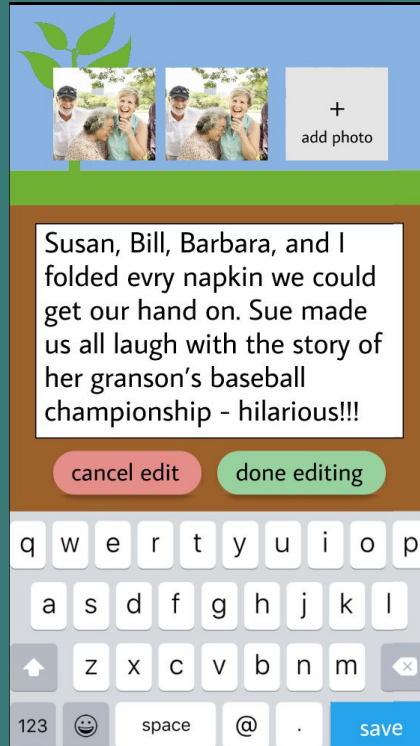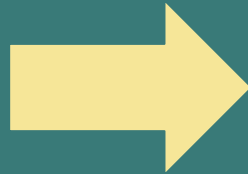
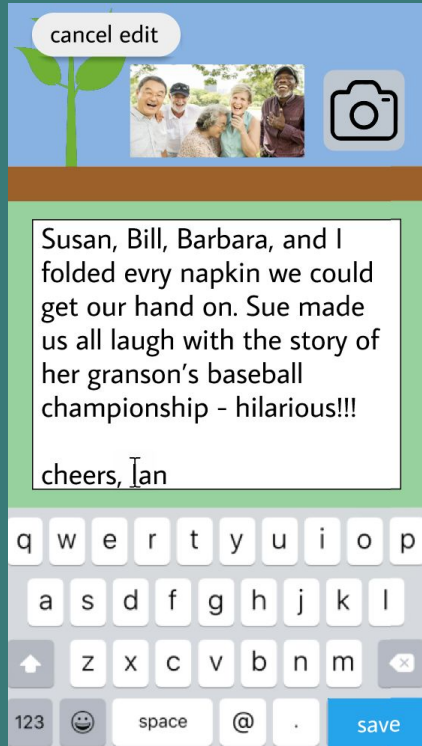# Complex Task Revisions

- Clarify what the page is

- Bigger text

- Increased contrast
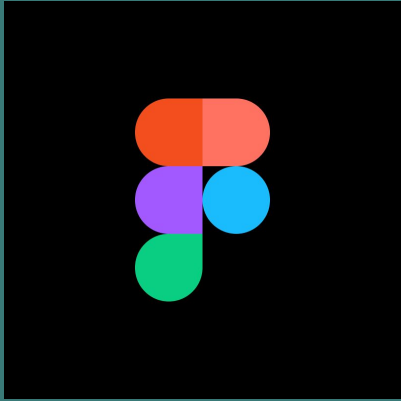
Complex Task Revisions

- Grid style

- Increased readability

- Distinguish plants by text
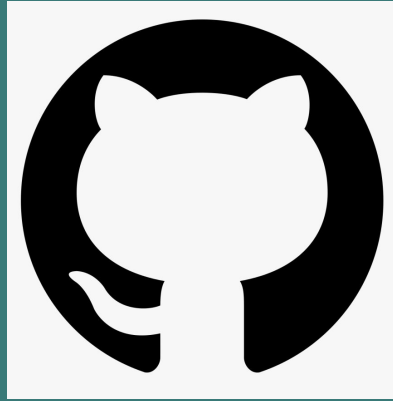
Complex Task Revisions

- Clarify when you are editing a post

- Add new photos

- Descriptive buttons

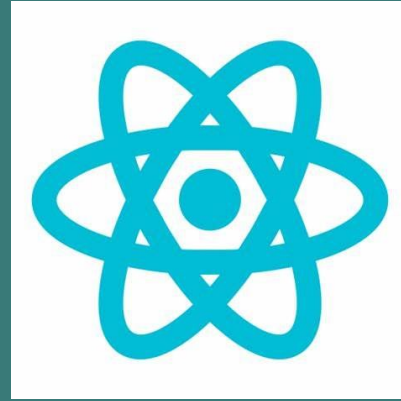- Color contrast to focus attention

Implementation Tools

Figma

GitHub

ReactNative

Firebase

Implemented Features

Check-in

Task Confirmation

Help Screens (Task 2)

Task Main

Task "Hub"

Unimplemented Features

Help Screens Style

Garden Screens

Overlay pop up for info button

Fix font boldness with custom font

Standardize button style

Implement user post in Garden

Plan to Finish

Help Screens (Task 2, style) → **Garden Screens (Task 3)** → **Focus on UI details (font, standardizing design)**

Wizard of Oz & Hardcoded Data

Wizard of Oz:

- **Task Assignment Algorithm**

- **Calling for help from a real staff member**

Hardcoded Data:

- **User + Task Database**

- **Assigned staff member**

Problems & Issues

Making clean &nd Standardized U.I. Design

Live Demo!!!!

Summary

18

Major Changes Based on the Heuristic Evaluation

1/3

Tasks Fully implemented

1

Week Left