



*Creating change in cancer care through improved  
communication and collaboration.*

# Hello!

Alison Maher: CEO

Peter Li: CDO

Clara Lu: COO

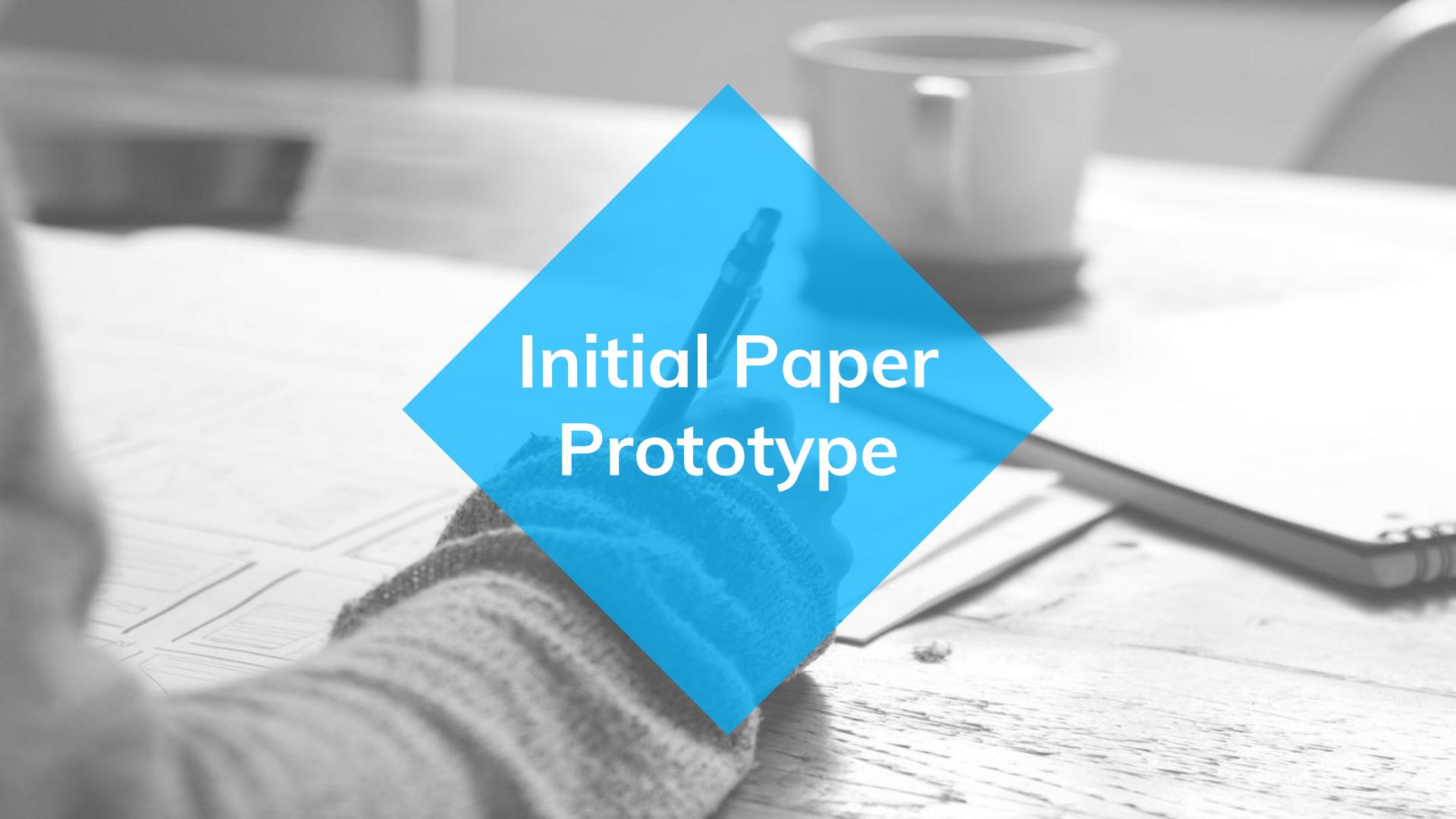
Sam Crow: CTO





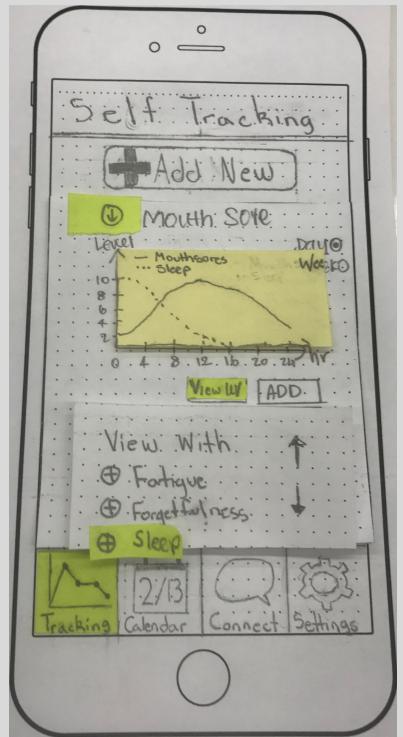
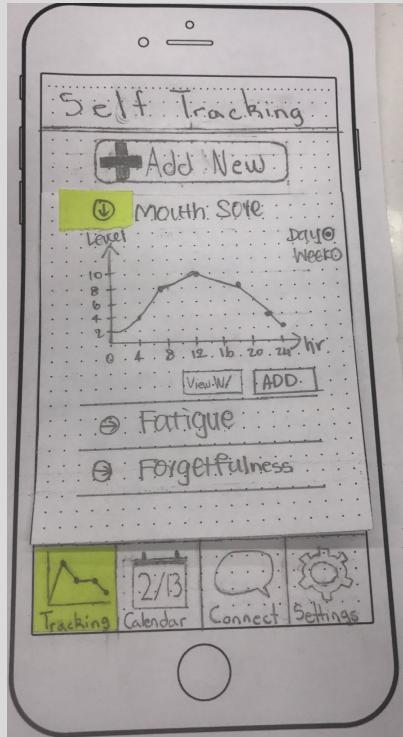
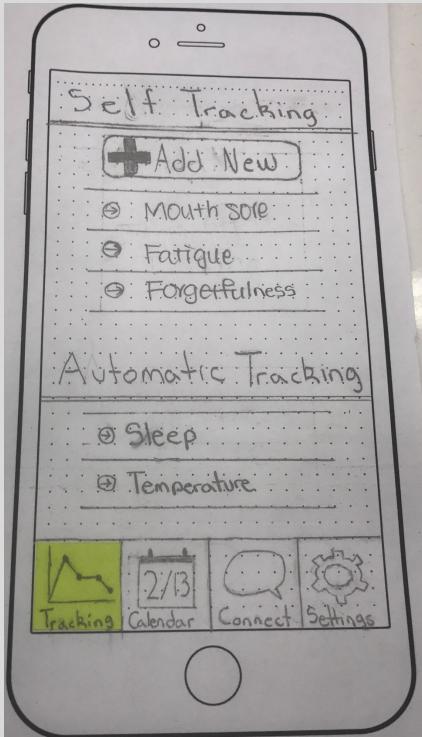
# Overall Problem

- Cancer patients experience many side effects
- Tracking these side effects and other info is difficult
- Caregivers rely on patient tracking to help manage side effects



# Initial Paper Prototype

# Task 1: Tracking Symptoms



New item

Side effect: Mouth Sore

Date: Feb 13th 2017

Time: 13:40 PM

Scale: 4 /10

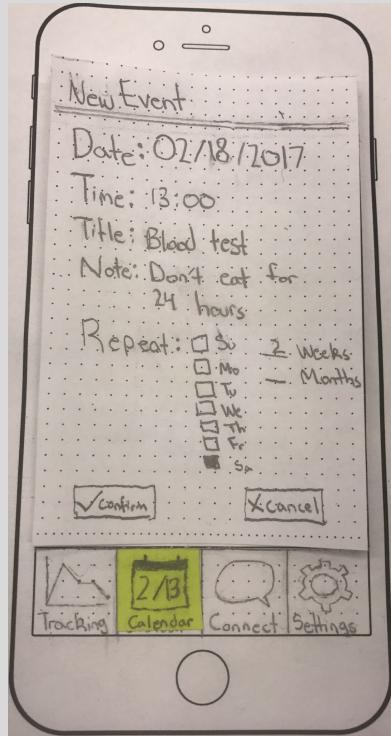
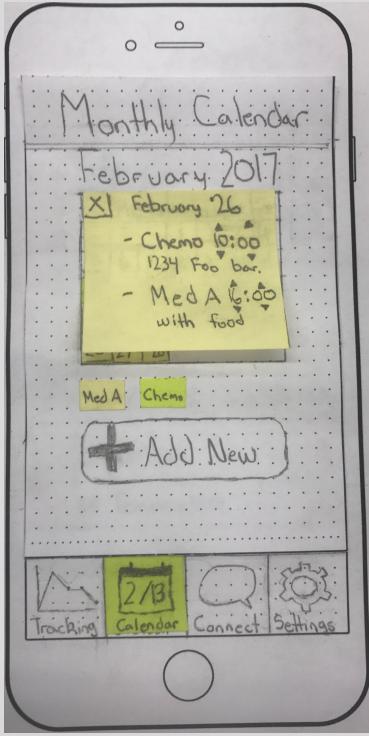
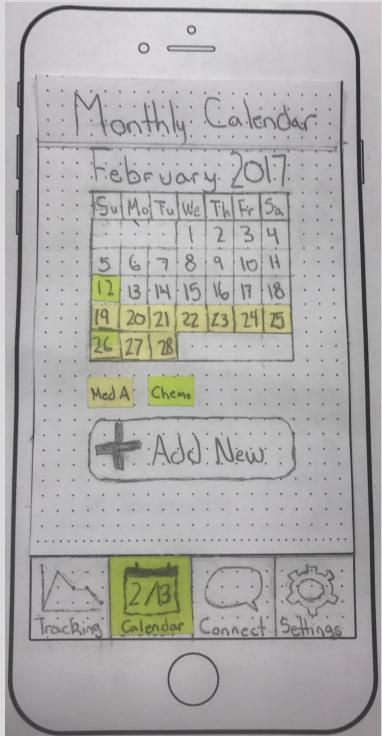
Description: Burning sensation reduced after 199g mouthwash after lunch

Action: Mouthwash Helpful X

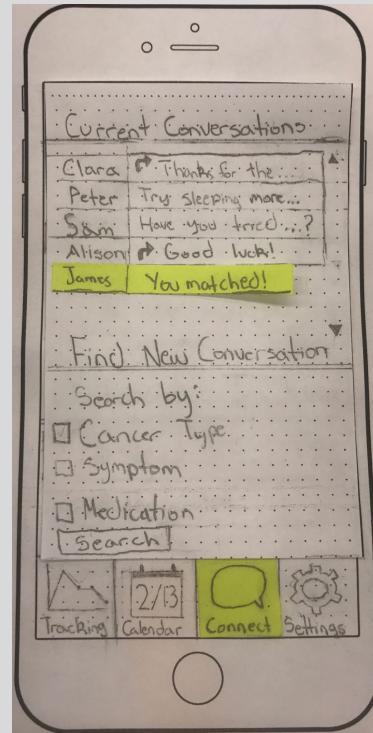
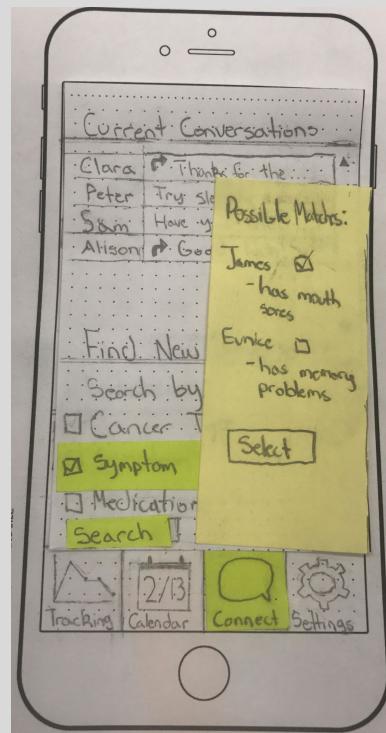
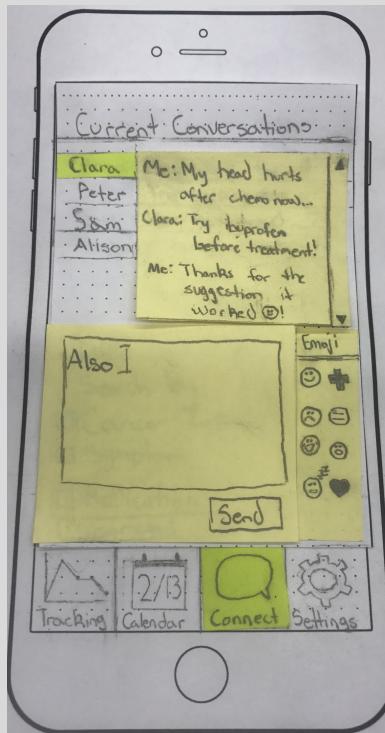
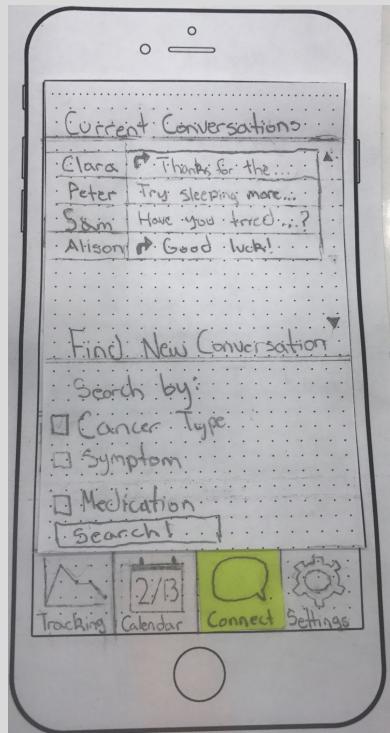
Confirm

Tracking Calendar Connect Settings

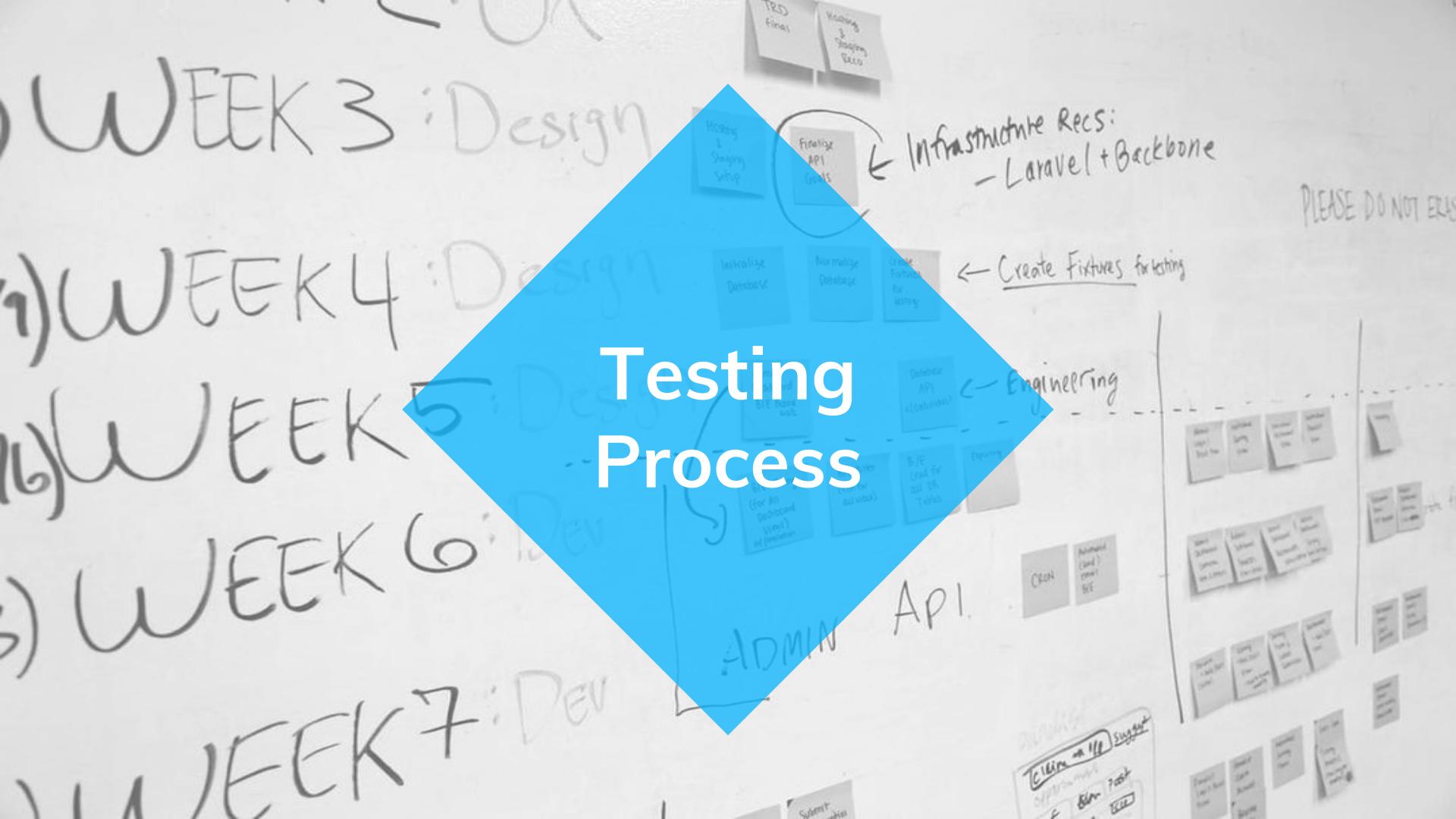
# Task 1: Tracking Symptoms



## Task 2: Connecting with Similar Patients

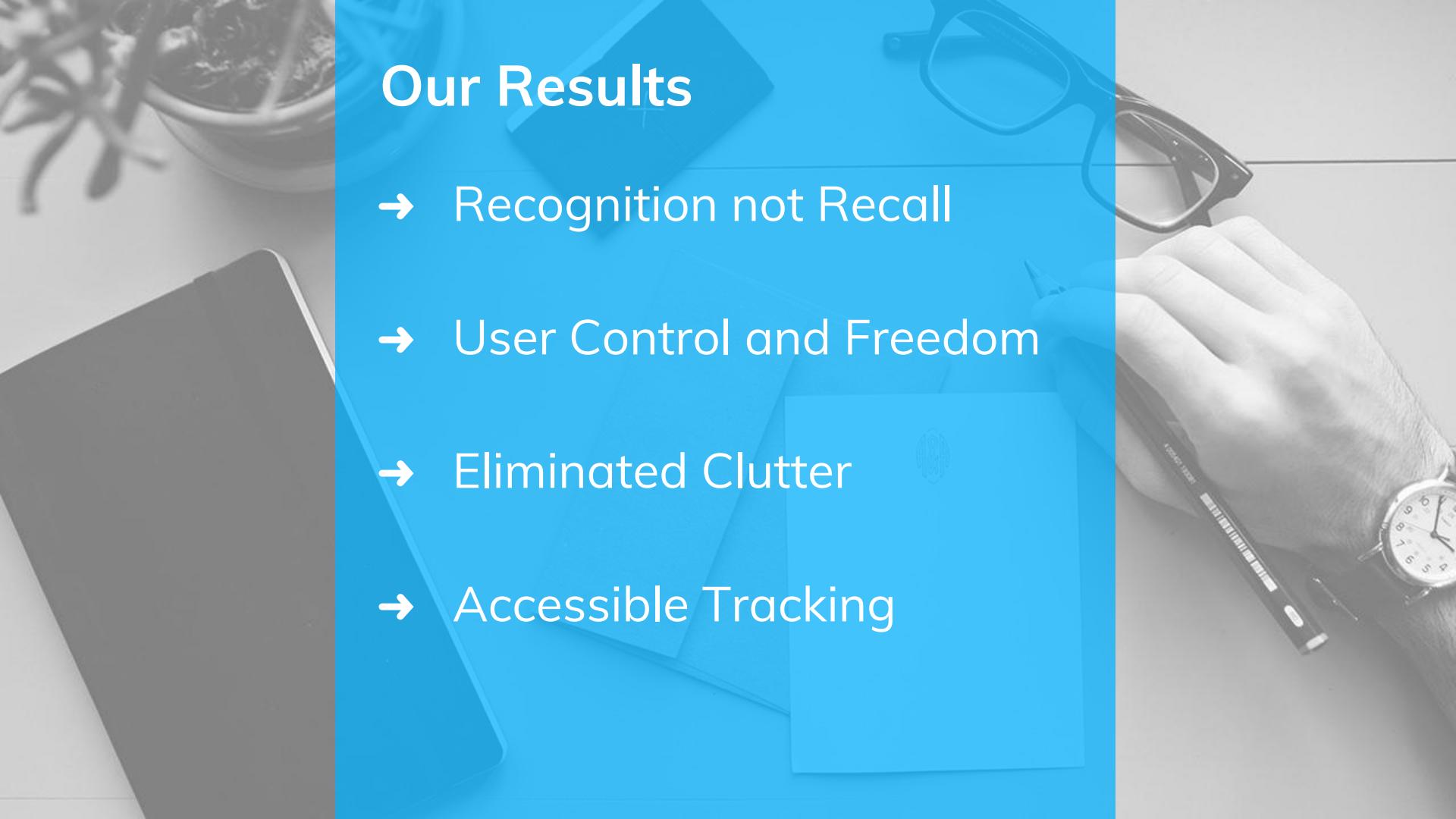


# Testing Process



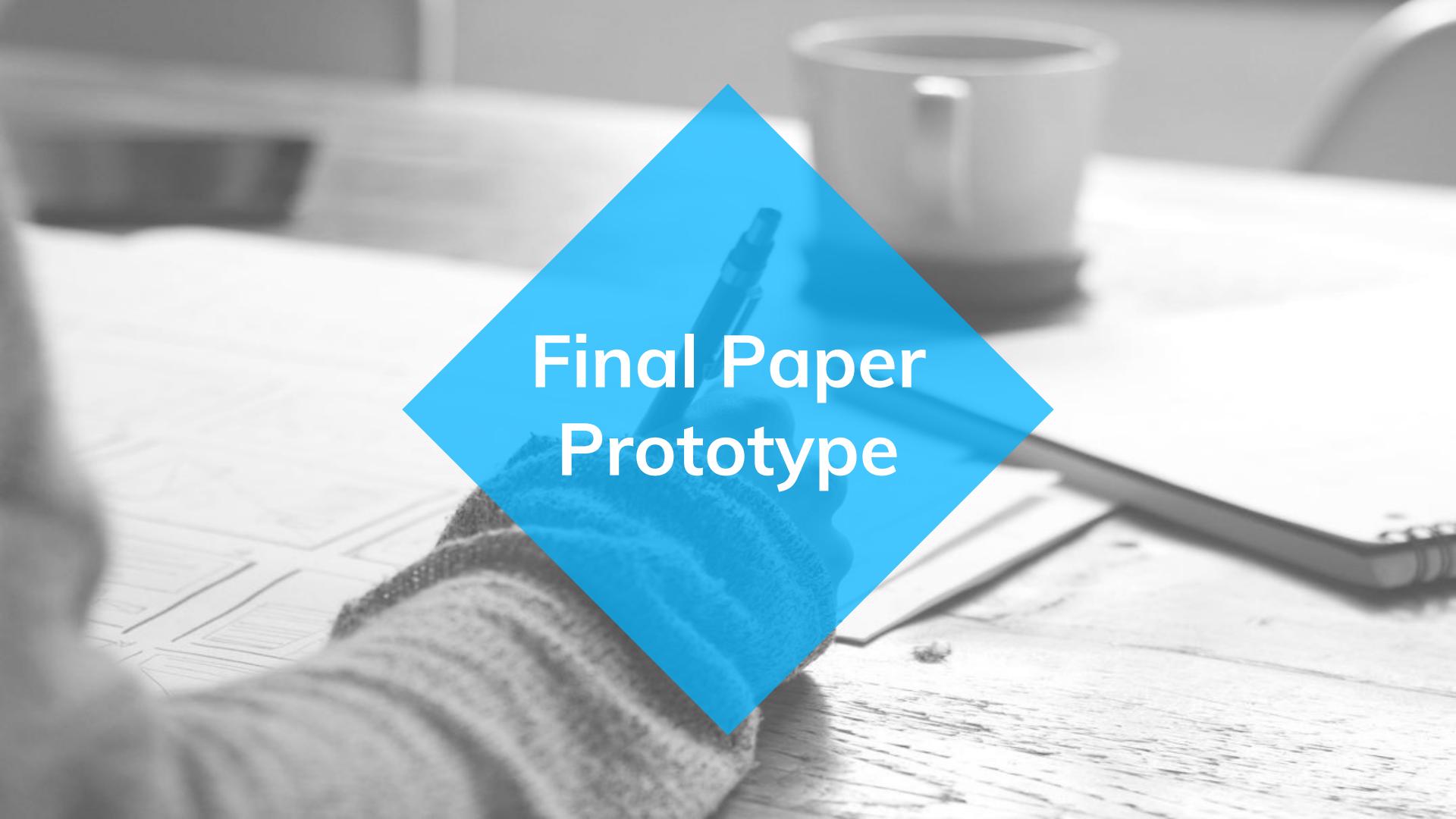
# The Process

- 2 heuristic evaluations
- 3 usability tests



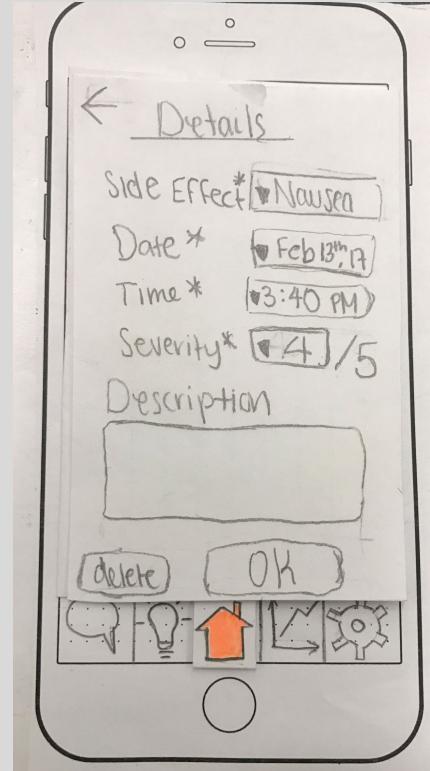
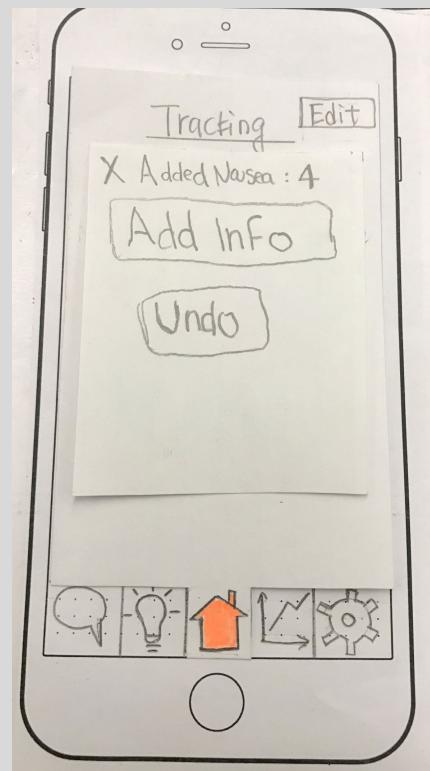
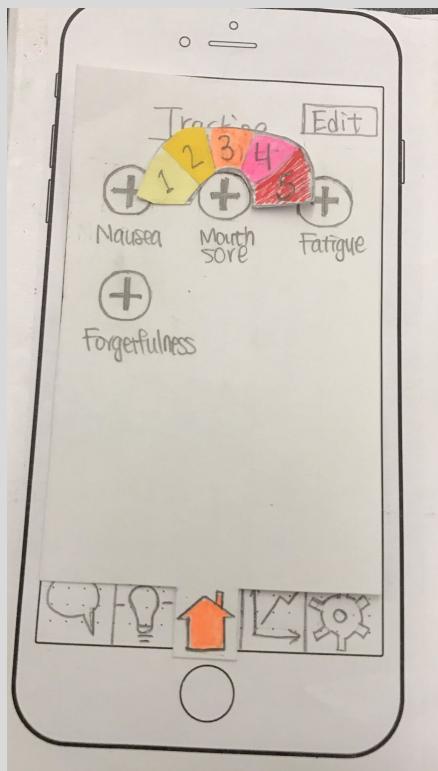
# Our Results

- Recognition not Recall
- User Control and Freedom
- Eliminated Clutter
- Accessible Tracking

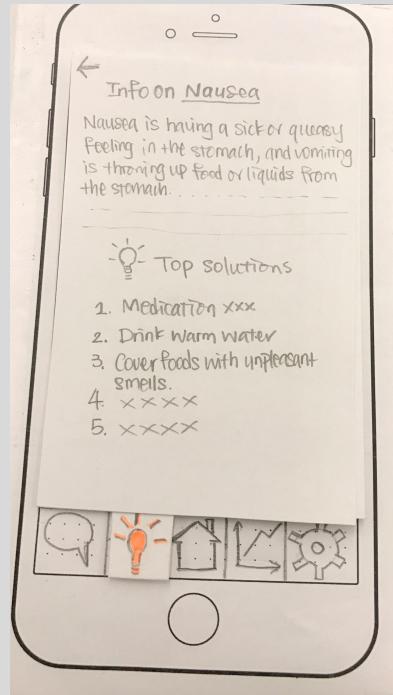
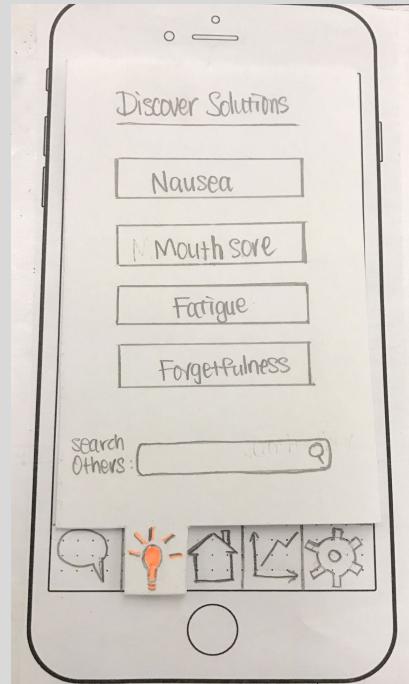
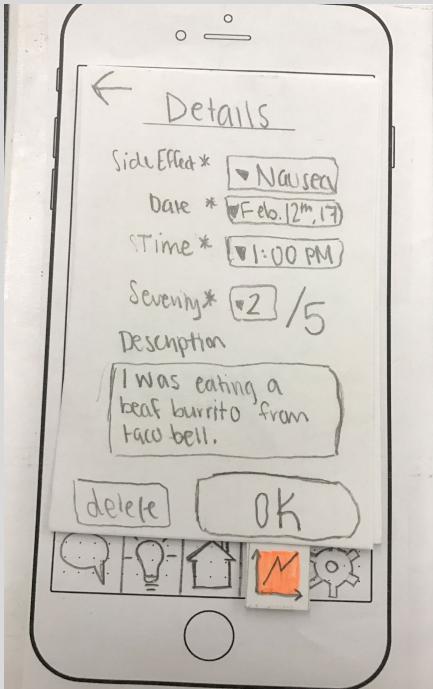
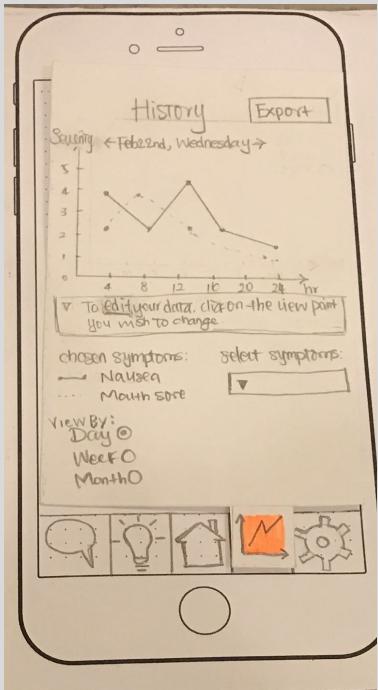


# Final Paper Prototype

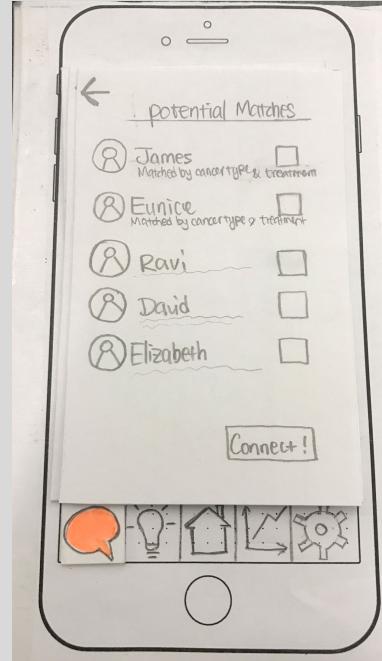
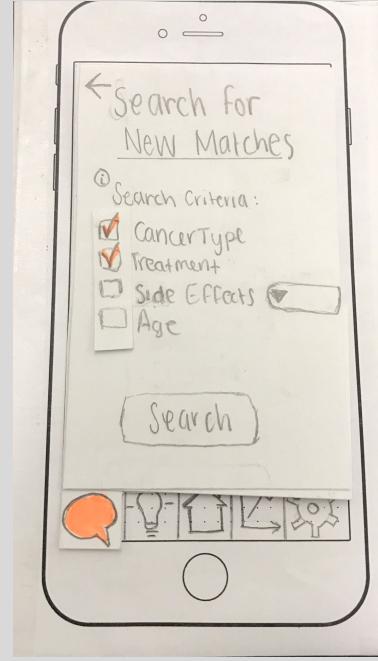
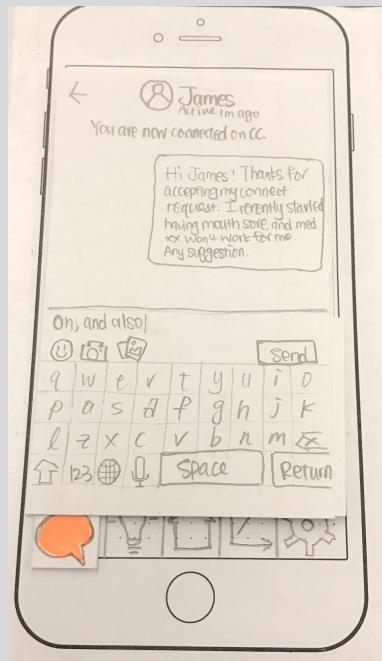
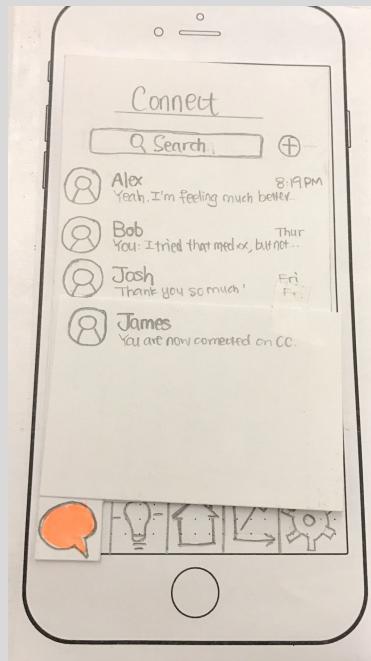
# Task 1: Tracking Symptoms



# Task 1: Tracking Symptoms



## Task 2: Connecting with Similar Patients



A grayscale photograph of a person from the chest up, wearing a light-colored, ribbed-knit sweater. They are holding a smartphone in their right hand, which is partially visible at the bottom left. The background is blurred, showing what appears to be an indoor setting.

# Digital Mockup

# Task 1: Tracking Symptoms

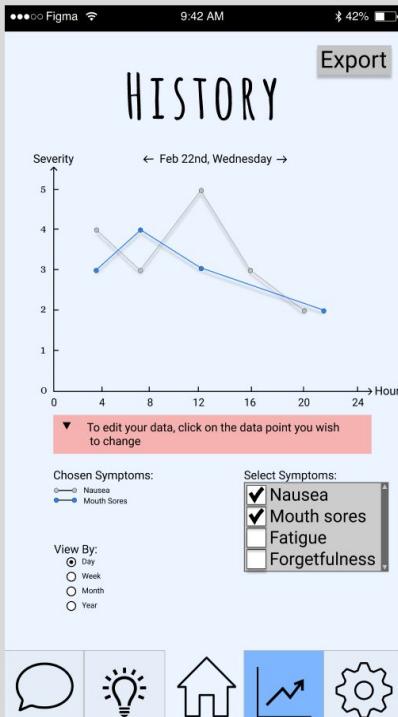
The image displays three screenshots of a mobile application interface for tracking symptoms, showing the home screen, a tracking screen with a modal, and a detailed view screen.

**Home Screen (Left):** The title "TRACKING" is at the top. Below it is a circular severity scale with numbers 1 through 5. Six symptoms are listed with blue "+" buttons: Nausea (Severity 4), Fatigue, Back Pain, Memory, Mouth Sores, Sleep, and High Temp. A navigation bar at the bottom includes icons for speech bubble, lightbulb, home (highlighted in blue), chart, and gear.

**Tracking Screen (Middle):** The title "TRACKING" is at the top. Below it are three blue "+" buttons. A modal window appears over the third button, containing the text "Nausea Added - Severity 4" and buttons for "Add more details" and "Undo". The other symptoms (Fatigue, Back Pain, Memory, Mouth Sores, Sleep, High Temp) are visible below the modal. The navigation bar at the bottom is identical to the first screen.

**Details Screen (Right):** The title "DETAILS" is at the top, with a back arrow icon. The "Side Effect\*" field shows "Nausea". The "Date\*" field shows "Feb 13, 2017". The "Time\*" field shows "3:40 PM". The "Severity\*" field shows "4". The "Description\*" field contains placeholder text: "Lorem ipsum dolor sit amet, consectetur adipisciing elit, sed do eiusmod tempor incididunt ut labore et dolore magna wir". At the bottom are "delete" and "SAVE" buttons, and a navigation bar at the bottom.

# Task 1: Tracking Symptoms



The Details screen shows a form for entering a symptom entry. It includes fields for Side Effect (Nausea), Date (Feb 22, 2017), Time (8:00 PM), Severity (2), and Description (I was eating a beef burrito from taco bell.). Buttons for "delete" and "SAVE" are at the bottom.

Side Effect\* Nausea

Date\* Feb 22, 2017

Time\* 8:00 PM

Severity\* 2

Description\* I was eating a beef burrito from taco bell.

delete SAVE

Icons at the bottom: Chat, Lightbulb, Home, Graph, Gear.

- 
- The Discover Solutions screen lists symptoms under the heading "INFO ON NAUSEA". It includes "Nausea", "Mouth Sore", "Fatigue", and "Forgetfulness". A search bar at the bottom right says "Search Others".
- DISCOVER SOLUTIONS
- Nausea
- Mouth Sore
- Fatigue
- Forgetfulness
- Search Others
- Icons at the bottom: Chat, Lightbulb, Home, Graph, Gear.

The Info on Nausea screen provides general information about nausea and vomiting, followed by a list of top solutions. It includes a section for "Top Solutions" with 7 numbered items.

Nausea and vomiting are common side effects of many cancer treatments. Nausea is feeling like you are going to vomit or throw up. Vomiting may happen as treatment nears, within 24 hours after treatment, or 2 or more days after treatment.

💡 Top Solutions

1. Medication xxxx
2. Drink warm water
3. Cover foods with unpleasant smells
4. some solution xxxxxxxxxxxx
5. some solution xxxxxxxxxxxx
6. some solution xxxxxxxxxxxx
7. some solution xxxxxxxxxxxx

Icons at the bottom: Chat, Lightbulb, Home, Graph, Gear.

# Task 2: Connecting with Similar Patients

The image displays four screenshots of a mobile application interface, likely for a cancer support community, showing the process of connecting with similar patients.

**Screenshot 1: CONNECT**  
This screen shows a list of users you are connected to:

- Alex: Yeah, I'm feeling much better... (8:19 PM)
- Bob: You: I tried that med xx, but not... (Thursday)
- Josh: Thank you so much! (Friday)
- James: You are now connected on CC. (Message from James)

A search bar at the top left and a blue plus button for adding new connections are visible.

**Screenshot 2: Connected Conversation with James**  
This screen shows a message exchange with James:

You are now connected on CC

Hi James! Thanks for accepting my connect request. I recently started having mouth sores, and med xx won't work for me. Any suggestions?

Oh, and also

(Message input field with icons for smiley, photo, video, and send button)

Q W E R T Y U I O P  
A S D F G H J K L  
Z X C V B N M  
123, , space, return

A keyboard is at the bottom.

**Screenshot 3: SEARCH**  
This screen allows you to refine your search criteria for finding similar patients:

Search Criteria

- Cancer Type
- Treatment
- Age
- Side effects
  - Nausea
  - Mouth sores
  - Fatigue
  - Forgetfulness

Search

A keyboard is at the bottom.

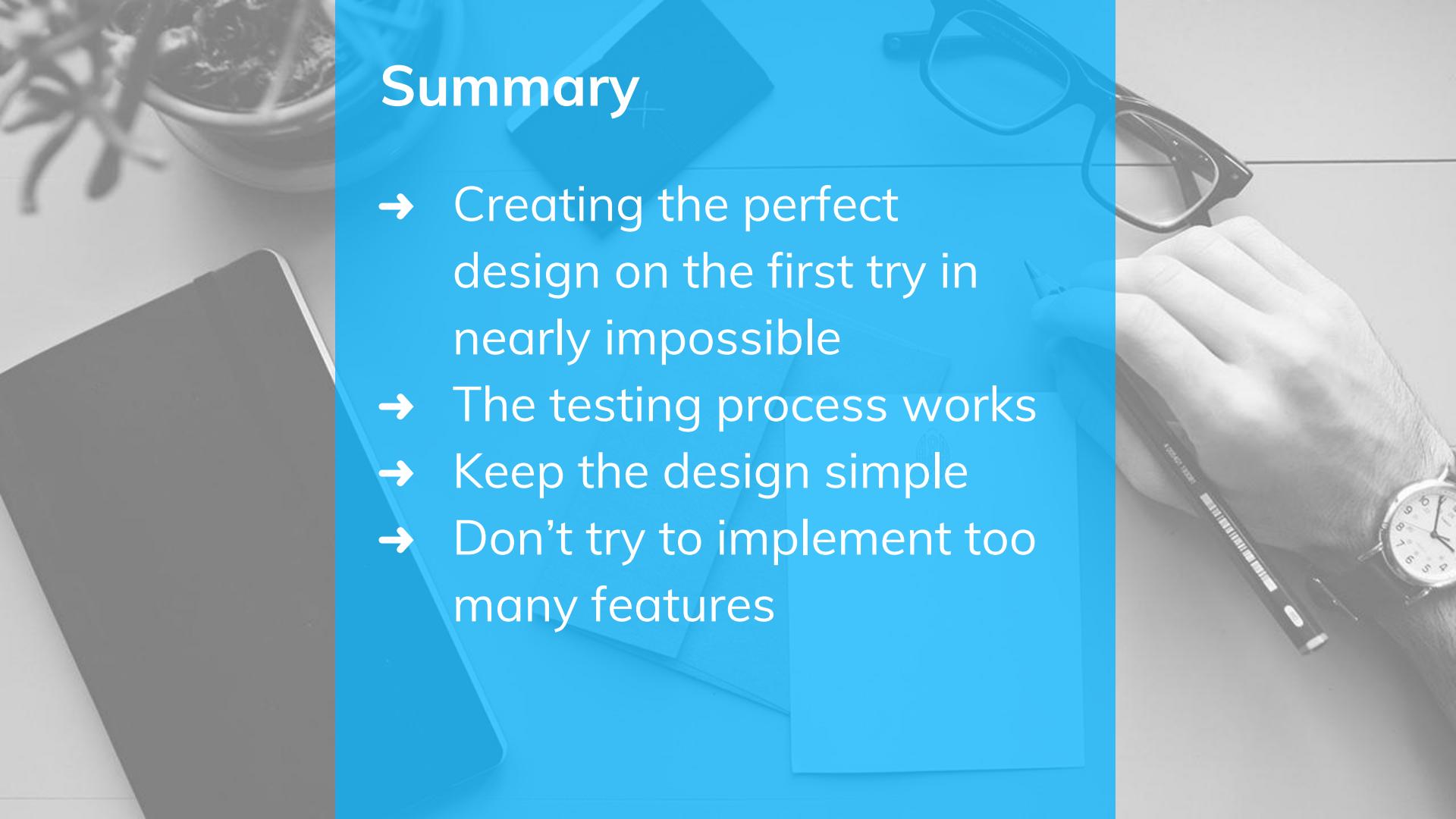
**Screenshot 4: MATCHES**  
This screen shows a list of potential matches based on your search criteria:

Searching for same cancer type and treatment

User	Details	Action
James	Same cancer type and treatment	<input type="checkbox"/>
Eunice	Same cancer type and treatment	<input type="checkbox"/>
Ravi	Vivamus gravida varius turpis, non.	<input type="checkbox"/>
David	In sodales mi est, vel.	<input type="checkbox"/>
Elizabeth	In blandit venenatis tellus et.	<input type="checkbox"/>

Connect

A keyboard is at the bottom.



# Summary

- Creating the perfect design on the first try is nearly impossible
- The testing process works
- Keep the design simple
- Don't try to implement too many features

# Thanks!

**Any questions or feedback?**

Thank you to Pexels, NounProject, and SlidesCarnival for the stock photos, logos, and powerpoint template.

