



Creating change in cancer care through improved communication and collaboration.

Hello!

A grayscale photograph of a hand holding a piece of white chalk, writing on a chalkboard. The hand is positioned on the right side of the frame, and the chalk is in contact with the board. The background is a blurred chalkboard with some faint, illegible writing.

Clara Lu: COO

Sam Crow: CTO

Alison Maher: CEO

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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



Our Research

Participants

- Oncology nurse
- Researcher / cancer survivor
- Family member of a cancer patient

Research Process

Casual interviews

Our Findings



Memory and
Fatigue



Flowchart
Navigation



Analytical View
is Missing



Peer
Communication



Communication
with Caregivers



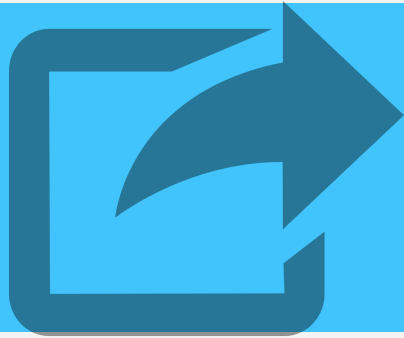
Mental Health

Tasks



*Task 1: Keeping track of bills,
medications and appointments*





*Task 2: Share progress with
caregivers and providers*

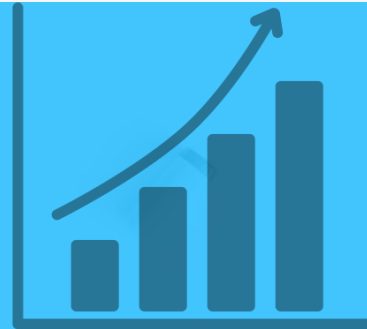
*Task 3: Connect with similar
patients and survivors*






*Task 4: Tracking side effects
after treatment*

*Task 5: Combine the results into
an analytical view*



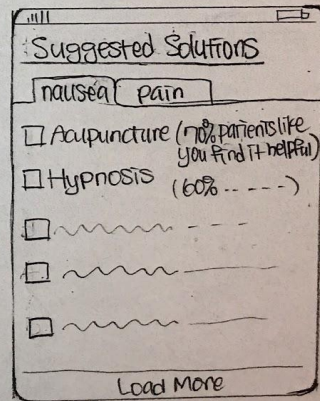
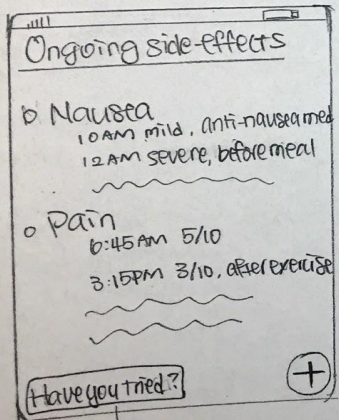
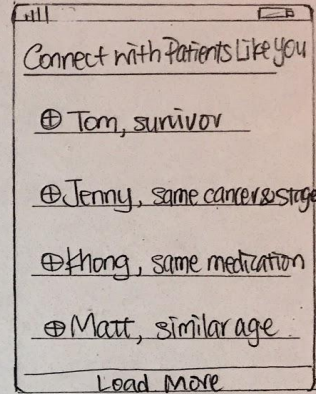
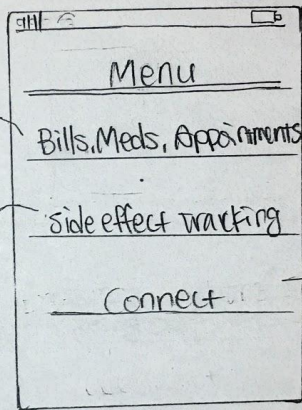
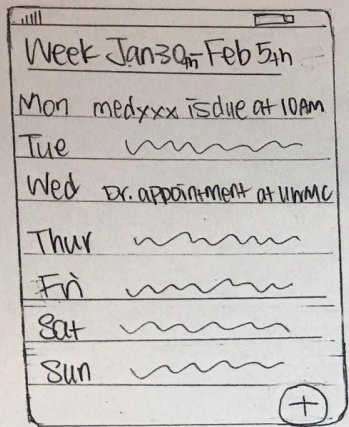


*Task 6: Explore solutions to
side effects*

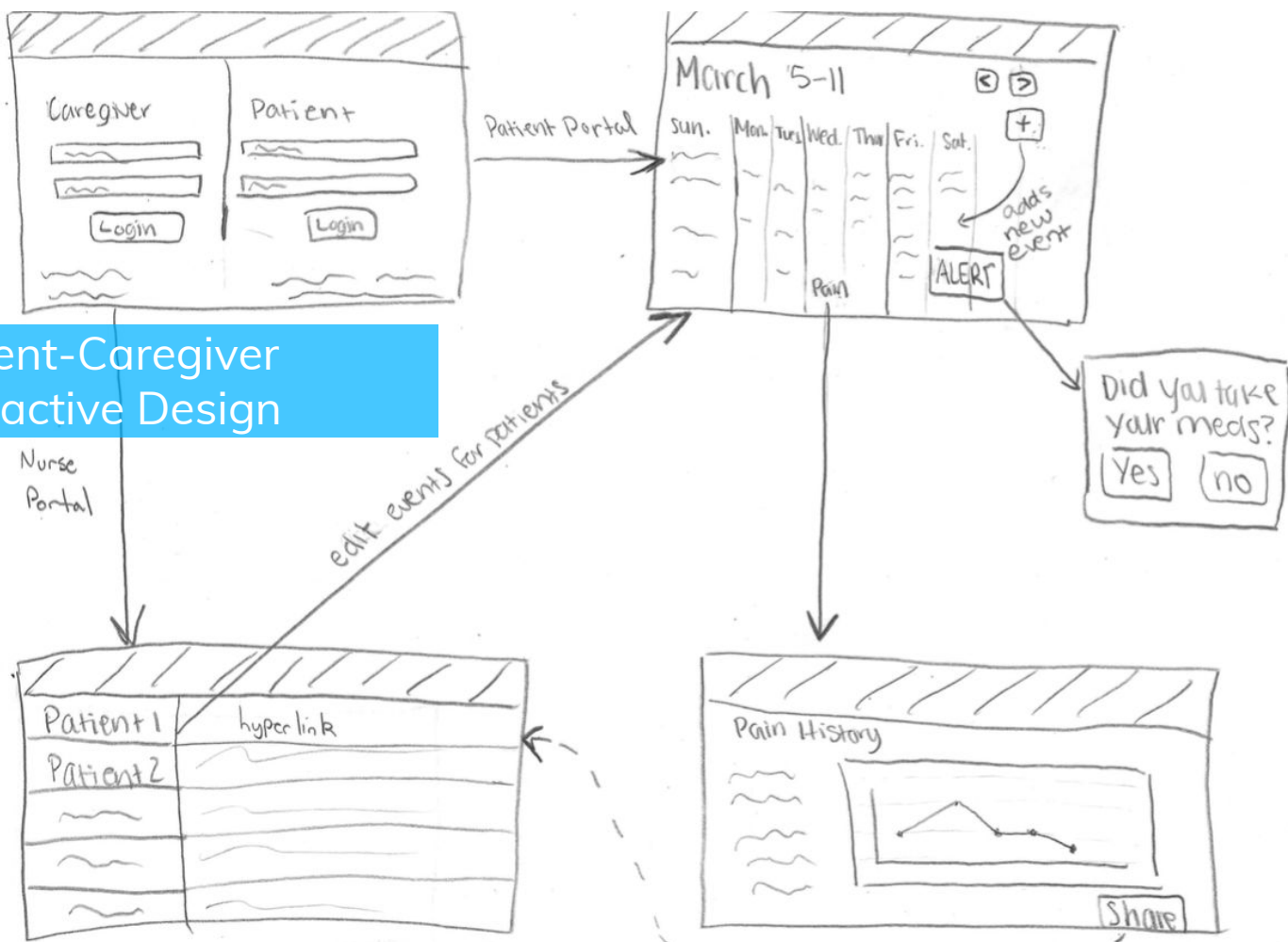
A hand wearing a grey sweater is sketching on a piece of paper with a pen. The paper has some faint architectural drawings. In the background, there is a white mug and a notebook on a wooden desk. A blue diamond shape is overlaid on the center of the image, containing the text "Design Sketches" in white.

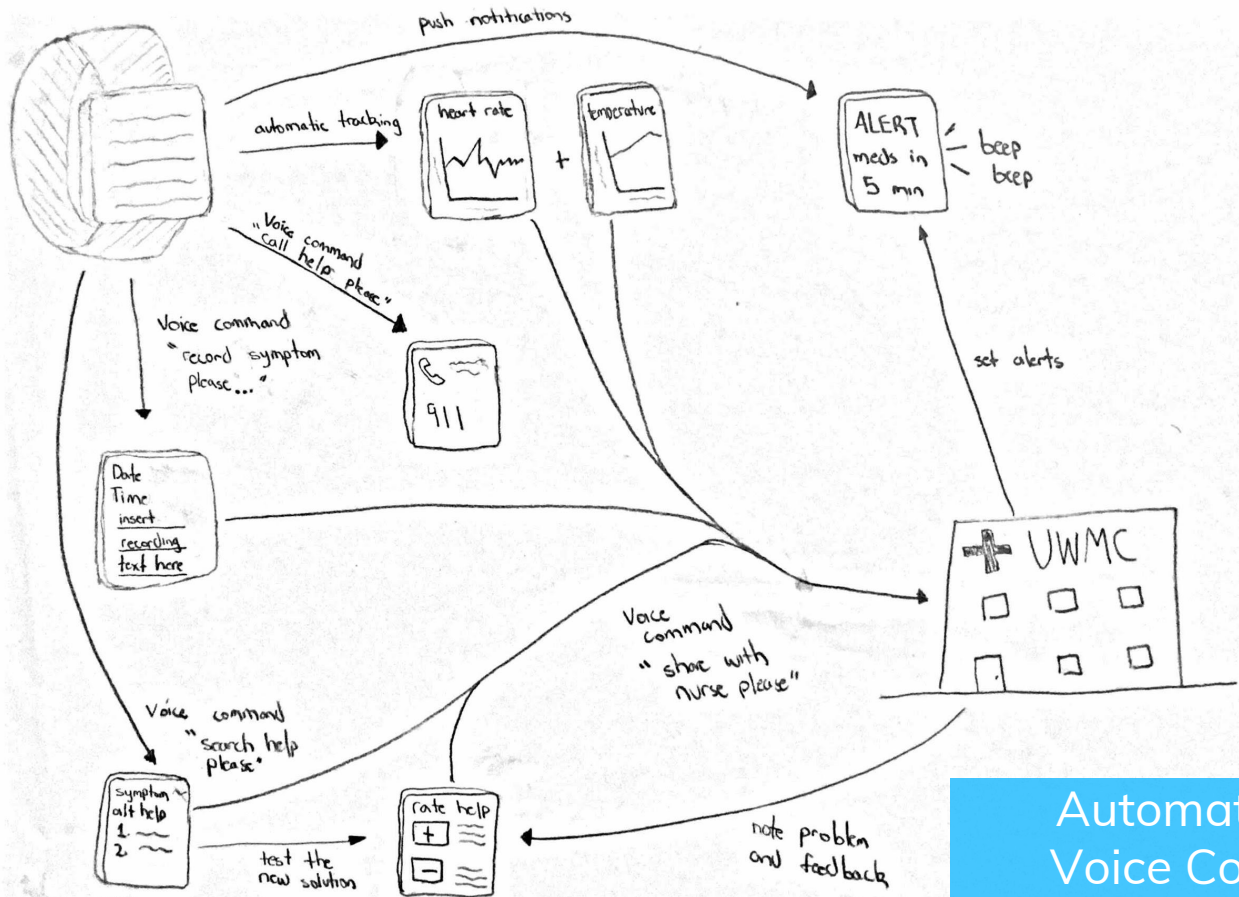
Design Sketches

Patient-Focused Design



Patient-Caregiver Interactive Design





Automatic tracking and Voice Command Design



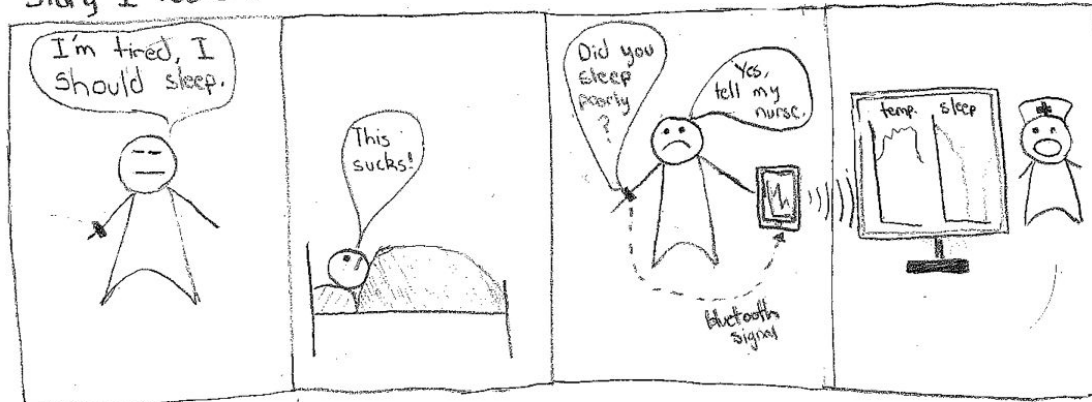
Our Design



The Design

- Mobile app
- Voice tracking
- Bluetooth wearable
- Connection to similar patients
- Nurse portal

Story 1 round 2:

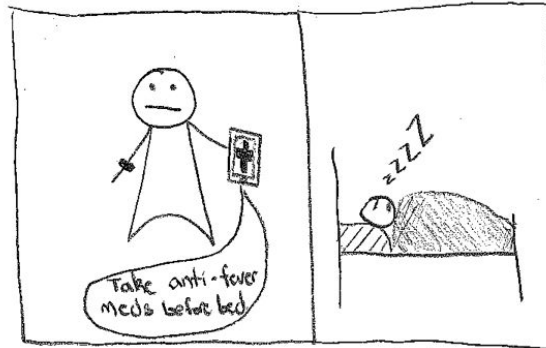


patient with wearable tracker

a few hours later

in the morning, wristband notices something was off

wristband data sent to nurse - who sees a trend

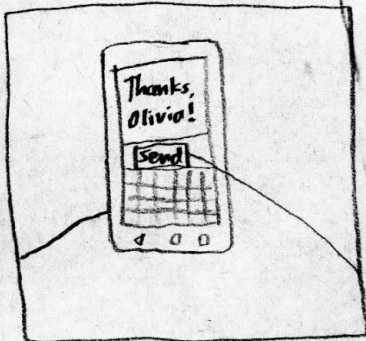
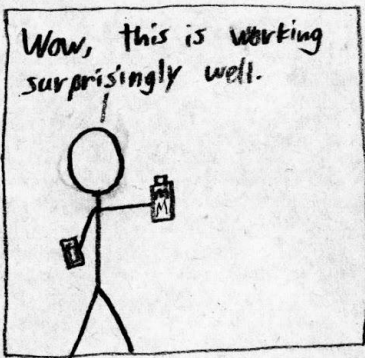
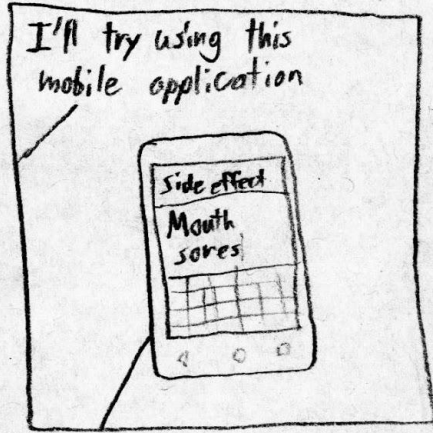
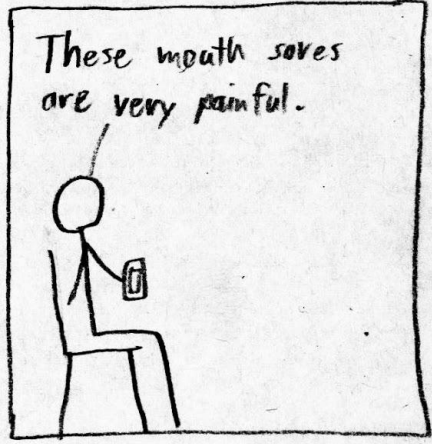


nurse gives feedback

patient sleeps soundly

Task: Tracking Symptoms Automatically

Story 2



Task: Connecting with Similar Patients

Summary

- Ease of tracking is the key
- Improved communication aids the solution process
- Patients can help one another
- Need for analytics

A grayscale background image showing a hand holding a piece of chalk, writing on a chalkboard. The word 'Konrad' is partially visible on the board. The overall scene is dimly lit, focusing on the hand and the writing process.

Thanks!

Any questions or feedback?

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