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TEACHING

Note: Videos are posted on YouTube. Links are included.

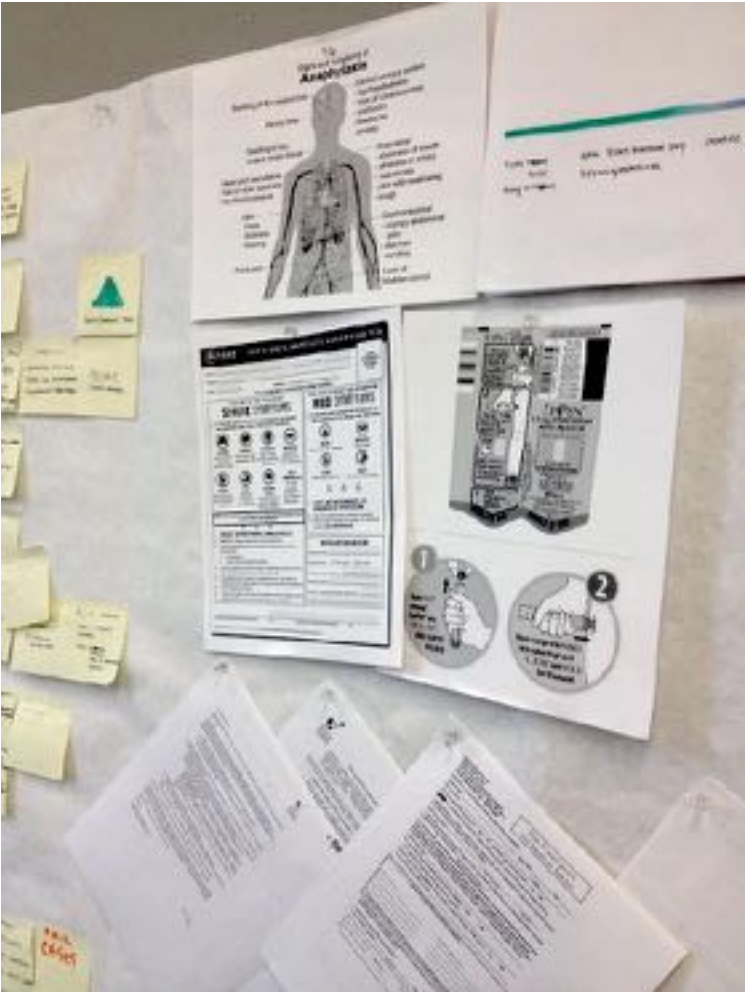


If a colleague walked into my classroom, I'd want them to see my students and me CoCreating as a team, using storyboarding, storytelling, shadowing, journey map creation, observing day-in-the-life situations and role playing. We'd be developing concepts from sketches to UX workflows, wireframes and interactive prototypes, low and high fidelity, for the purposes of testing hypotheses, establishing product requirements, and better understanding user needs.

User testing and interacting with concepts



Research



[Video \(click to start\)](#)

UW School of Design | Art 483 – Advanced interaction design, Winter 2015

Course theme: To take a deeper look at empathy, technology, and data. They started by finding a healthcare related topic that resonated with them, then placed themselves in the patient role and crafted solutions that focused on how to bring empathy, technology, and data together.

Fiddlebright: A comforting and engaging interactive experience for persons with mid to advanced stage Alzheimers disease
Project by: Erin Wilson + Charlotte Ziob



Video (click to start)

Light Therapy:

Light therapy can help older people **stay alert** during the day and **reduce or prevent** the night wandering of Alzheimer's patients.

RESEARCH

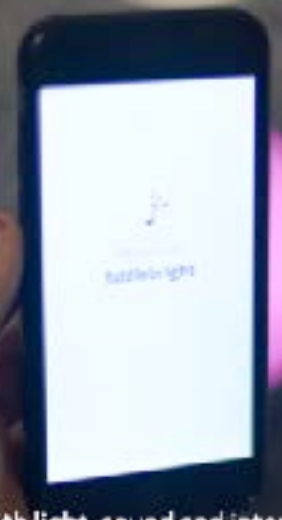
ALZHEIMER'S STATE
ALTERNATIVE THERAPY
PERSONAS

How might we create an alternative therapy for Alzheimer's patients which reduces the reliance on anti-psychotics & improves overall well-being through light and sound therapy?

PROBLEM STATEMENT

SOLUTION

PROTOTYPE APP



A soft, multi-mode pillow with light, sound and interactive experiences.

RESEARCH

ALZHEIMER'S STATE
ALTERNATIVE THERAPY
PERSONAS



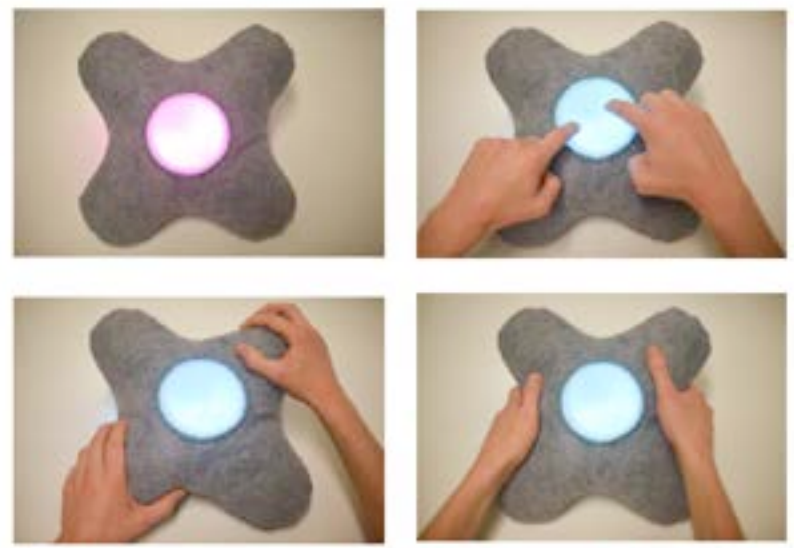
Linda
late 70's grandmother & Alzheimer's patient
gets bored easily
doesn't know how to act around his grandma
gets anxious in the evenings
has lived in nursing facility for 3 months
memory deteriorates rapidly
spends a large part of her day unengaged

Alex
age 10 grandson
has a hard time engaging Linda
visits Linda 2-3x per week
manages Linda's finances

Kim
mid 40's daughter & mother

SOLUTION

PROTOTYPE APP



A soft, multi-mode pillow with light, sound and interactive experiences.

SOLUTION

PROTOTYPE APP



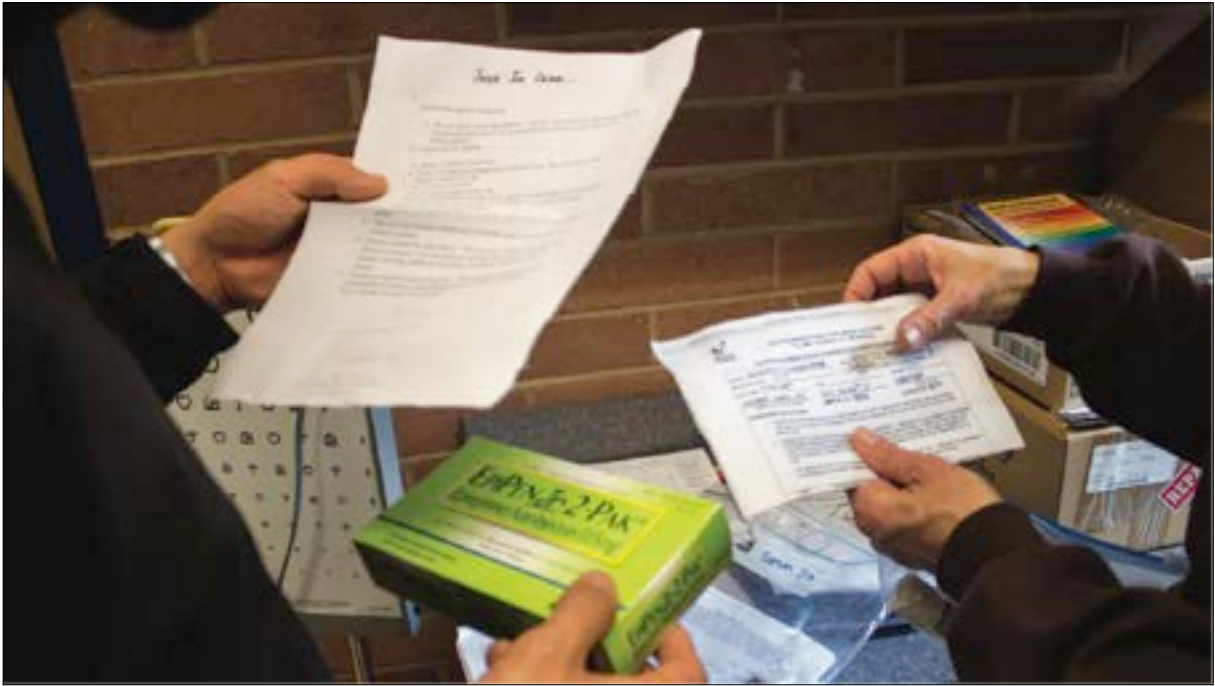
A simple interface that allows caregivers to create personalized listening experiences and connect with other Fiddlebrighters.

MedicKit: Helping Non-Medical Staff Recognize the Symptoms of Anaphylactic Shock
Project by: Daniel Galen



Insights

Epipen use simple but instructions can be confusing.
75% of Epipen users make an error when applying the medicine.
Nurses mostly work on assessing students health.
Training for anaphylaxis is text-dense.

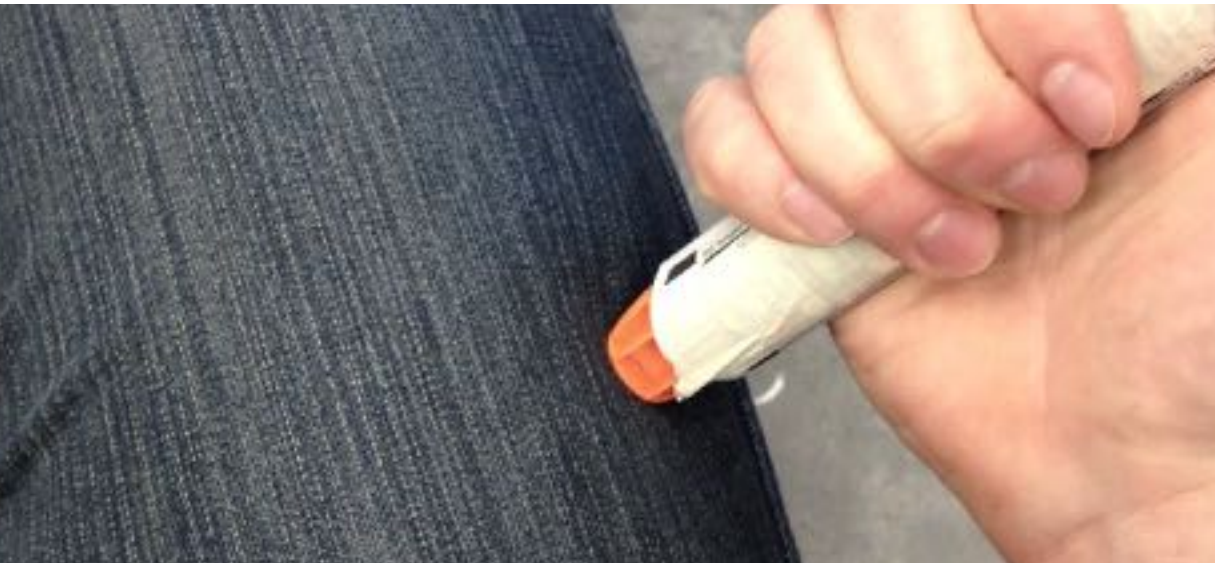


User Validation

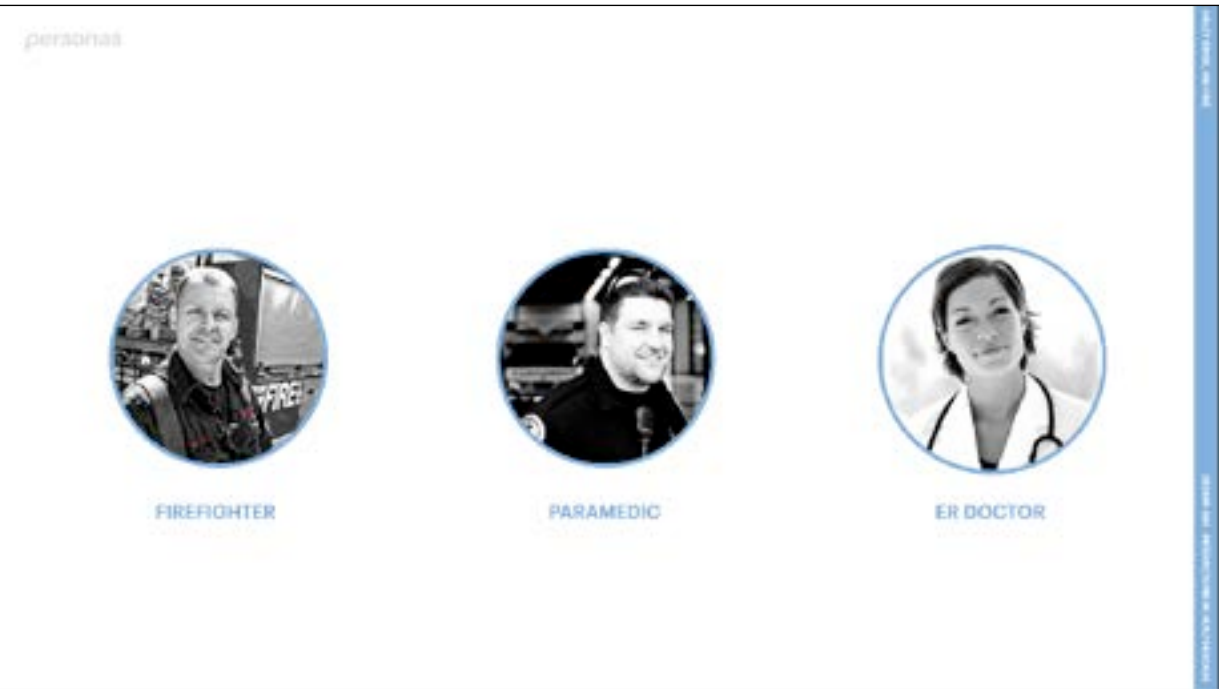
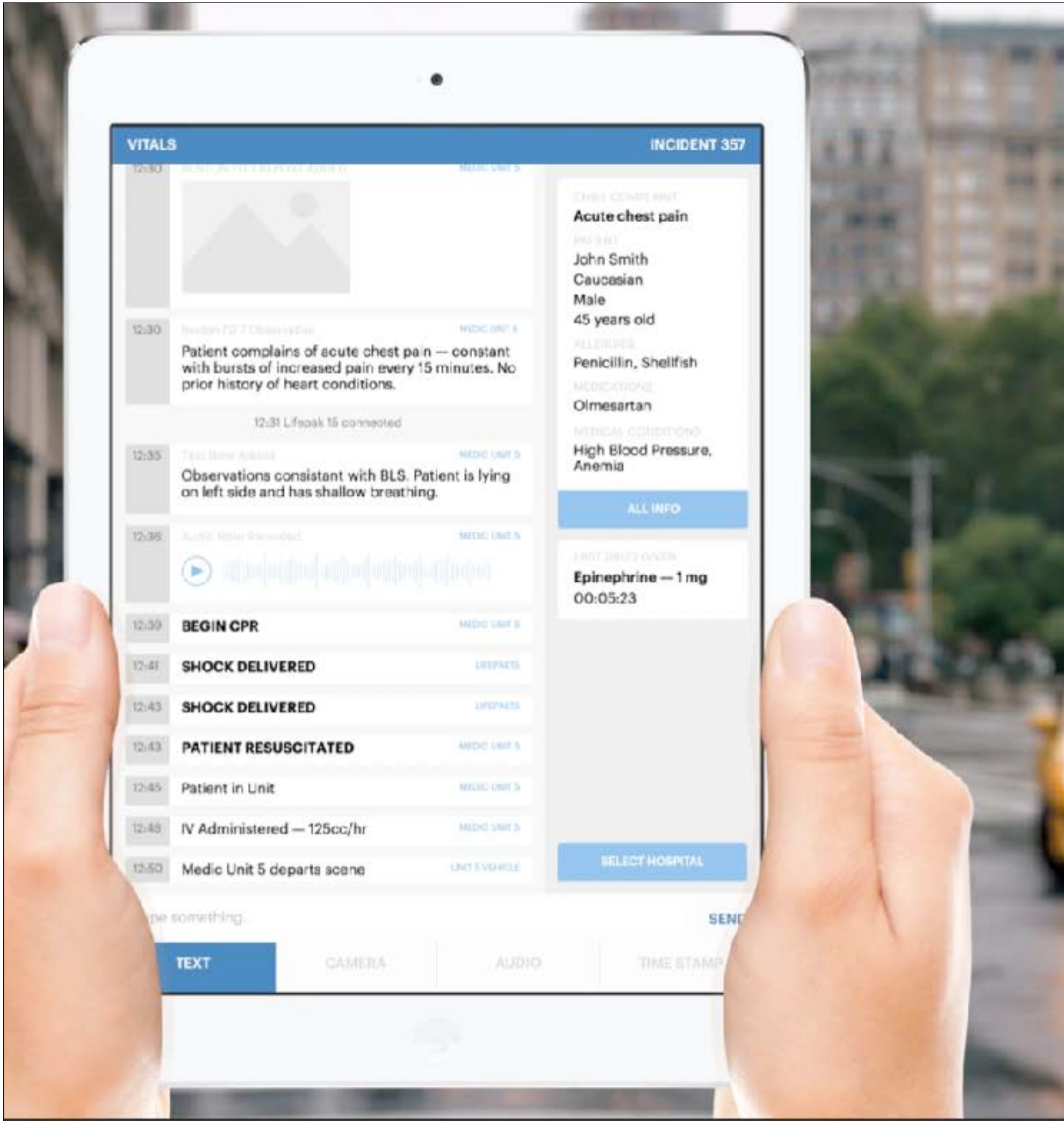
"I think it's a good idea - people definitely learn better interacting than reading and listening to someone talk about it on powerpoint."
—Lewis, anaphylaxis patient

"The app seems more informational and the information is easy to read. It is interactive and the graphics shows the symptoms clearly."
—Jackie, Frontdesk officer of Seattle School

"The app is very simple and did a good job for recognizing the symptoms. The kit also simplifies instructions visually and it's hands on."
—Marie DeBell, Assistant Manager Health Services, Seattle Public Schools



Digital Information Transfer: Pre-hospital Emergency Medicine data collection and transfer tool
Project by: Haley Know + Ian Fike



research

RESEARCH EXPERIENCES

- ALS Ride Along (20 hours)
- Emergency Department Tour
- Hospital Rounds Shadowing

personas

PROFESSIONAL INTERVIEWS

- Medical Director of Seattle Fire
- Health IT Manager, King County
- Paramedics x 5
- Emergency Department Nurse
- Data Case Manager, King County
- Attending Neurologist

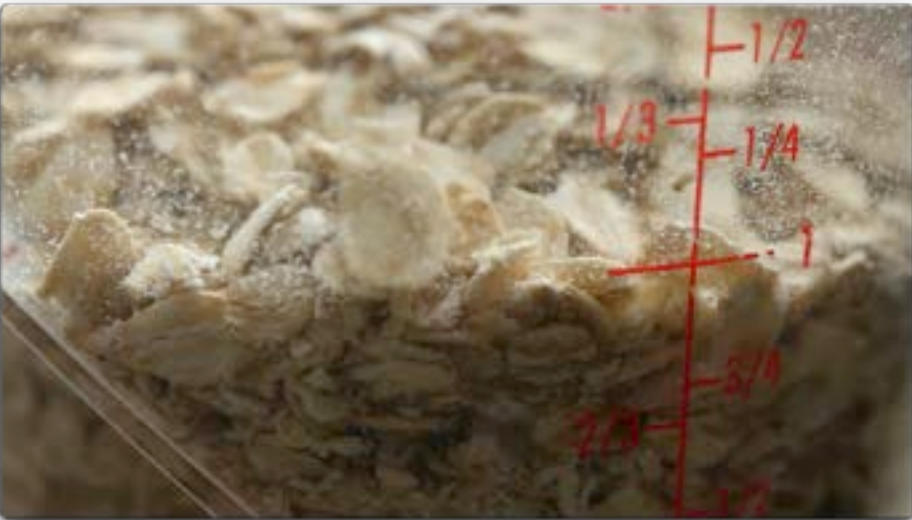
UW School of Design | Art 484 – Video storytelling, Spring 2010

Vanagon Love
Project by: Tim Damon



[Video \(click to start\)](#)

The Oatmeal
Project by: Jeremy Fuel

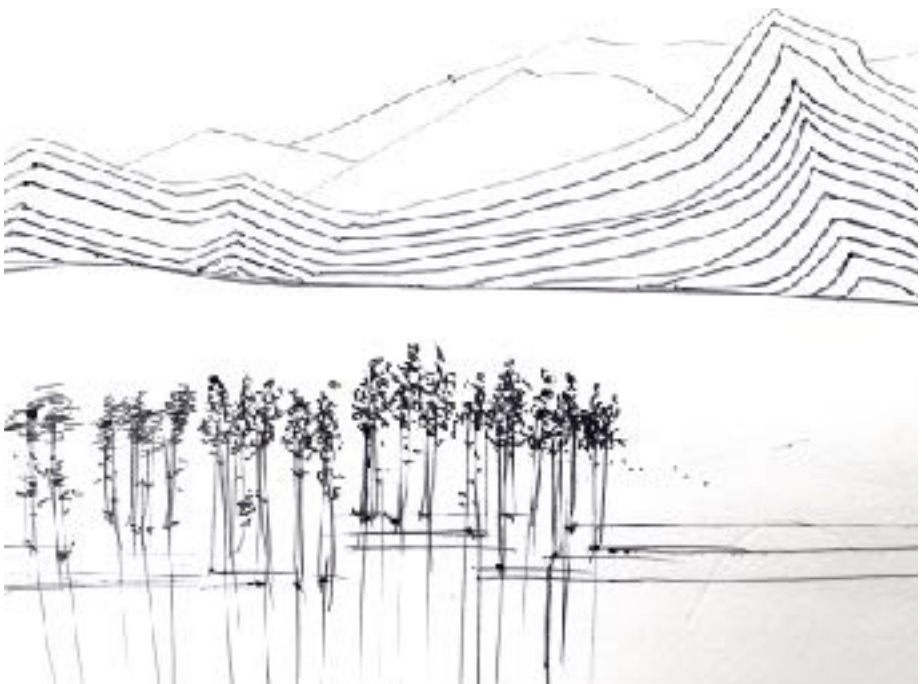


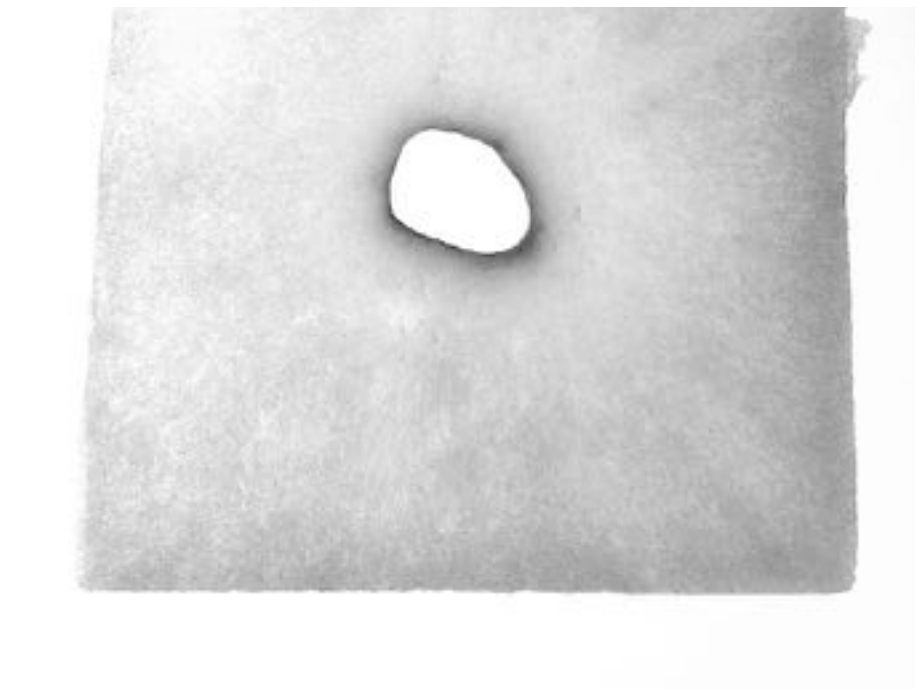
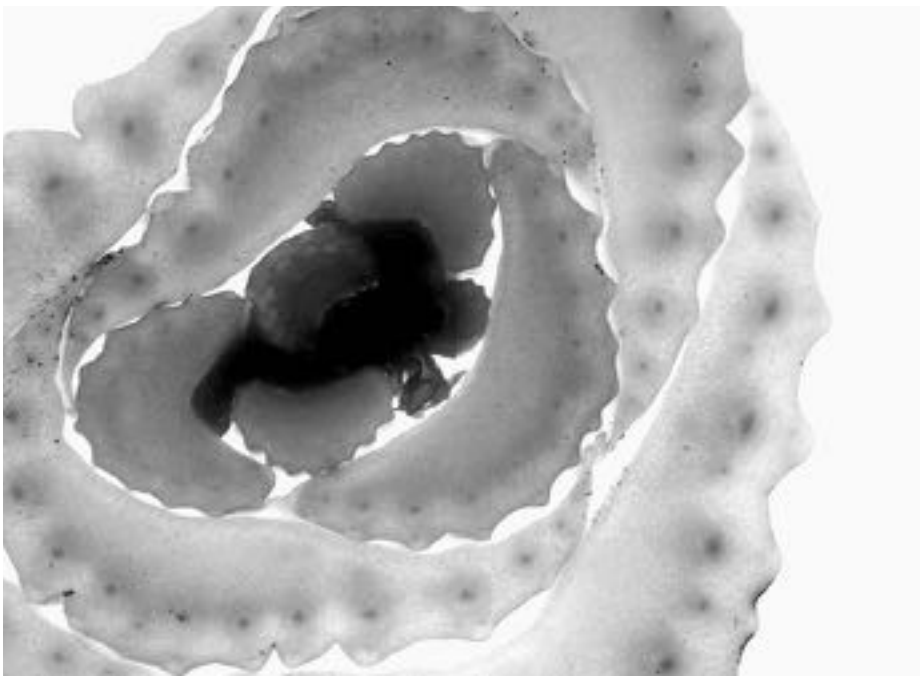
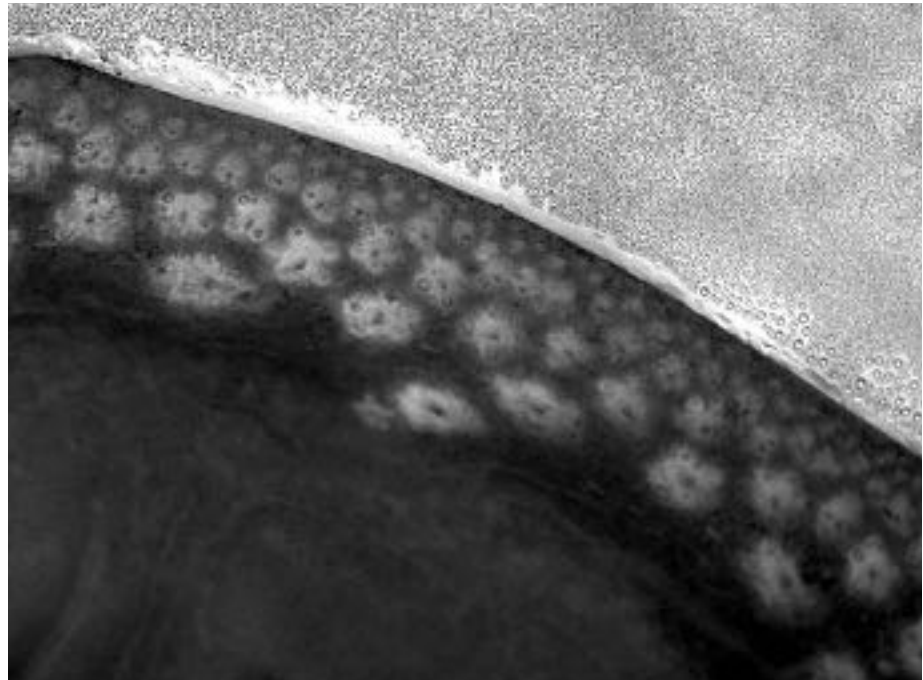
[Video \(click to start\)](#)

Course theme: This class was about creating and telling stories with imagery. I challenged the students to observe their daily routines and identify something that seems mundane, then use video story techniques to help a viewer understand it from another point of view. Our day to day experiences can move beyond the mundane when re-examined with empathy.

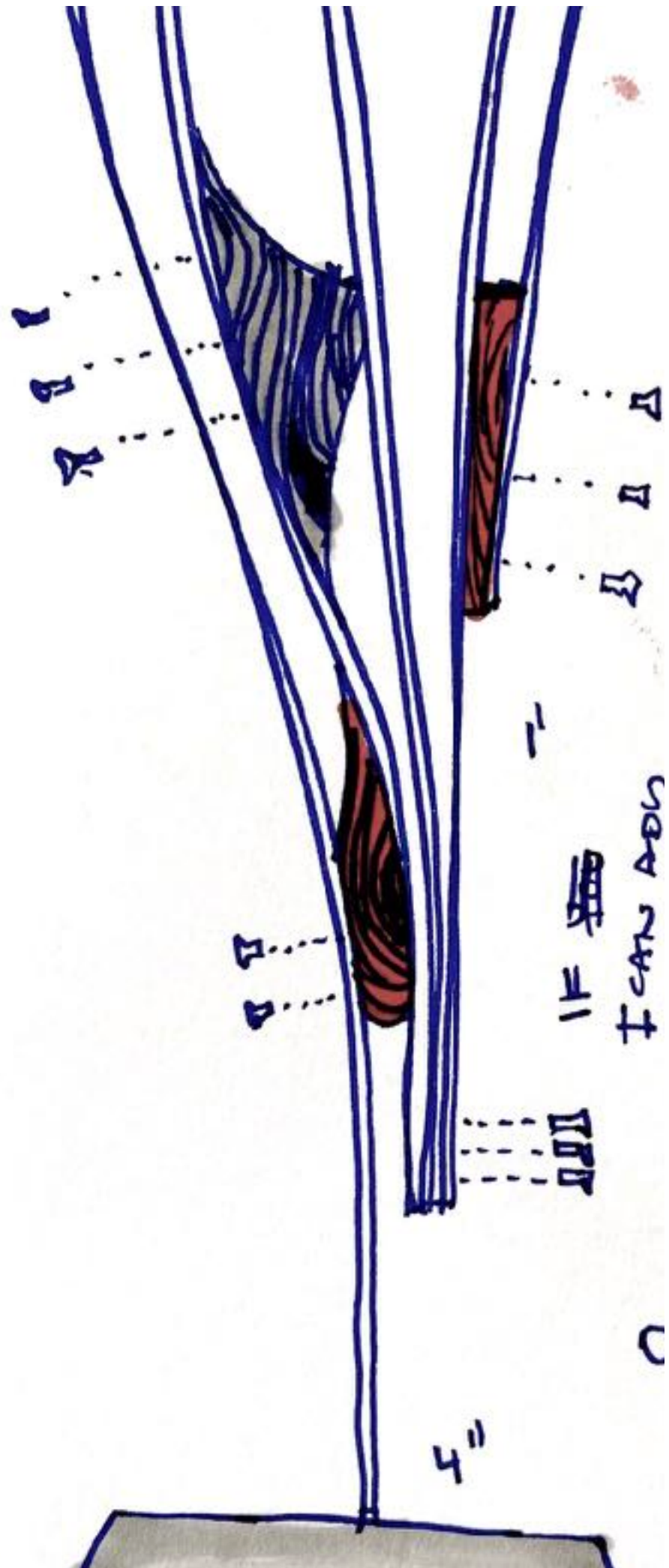
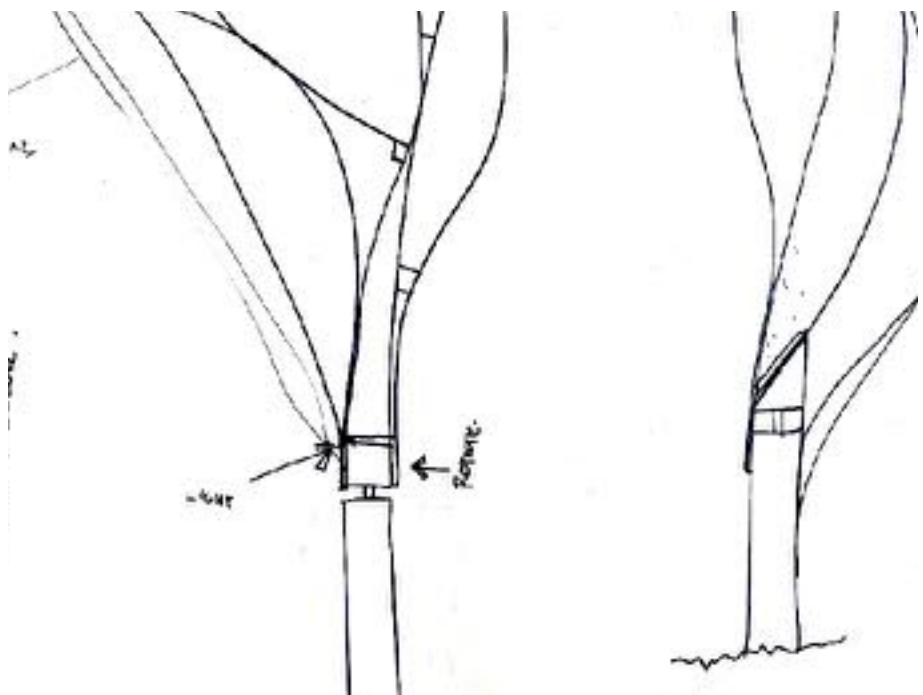
PERSONAL WORK

Personal | Sand Sculptures





Personal | Interactive sculpture – October 2021



Personal | Holiday cards (2001 – 2022)



THANK YOU