

Accessible Living Spaces



Our Team

Problem Domain:
Accessibility in
Living Spaces



Ali Sarilgan



Ben Barnett

Studio Theme:
Living Spaces

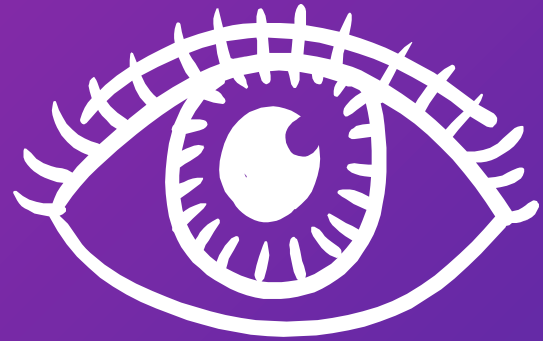


Jeffrey Chen



Sean Chang

Original POV



We met...

Maddy, a recent grad, who is physically restrained following surgery.

We were amazed to see...

she cannot get groceries, drive, or do any mobile chores without the help of others.

It would be game changing to...

help those with accessibility needs seek help **more easily** and **less stressfully**.

Additional Needfinding





Julia

- Stanford Senior. President of Kids with Dreams and member of Power2Act.
- “Not only do volunteers help people in need, but families get to create a community that rely on one another.”



Hugh

- Recent grad from Occidental College. Currently a data analyst in San Diego.
- “It’s easier to volunteer when my friends and others around me do.”



Paige

- Manager of Lytton Gardens Assisted Living.
- Elderly are assisted with food prep, showering, medication, laundry, transportation, and often befriend volunteers.



Ayla

- 82 year old Turkish immigrant, living on second floor of apartment in SF.
- Was once helped by housekeeper, but caught them stealing.
- Hesitant to trust others at home other than her daughter Ann.



Ann

- Daughter of Ayla, lives in San Jose with two kids and husband. Works as a consultant.
- “I can’t not help my mom, but I could really use some help here and then.”



Ellie

- Sophomore at University of San Diego. Unpaid intern at Paws (animal rehab).
- Worked at horse riding non profit for adults with mental/physical disabilities.
- “If I can volunteer, I will.”

Revised POVs



We met...

Ayla, an elderly Turkish immigrant living on the second floor of an apartment in SF.

We discovered that...

she strongly hesitates to trust any external helper because she was robbed once before.

It would be game changing to...

create better trust between helpers and helpees within their own spaces.

We met...

Paige, the manager of Lytton Gardens
Assisted Living.

We were interested to see...

assisted living involved getting
prescriptions, doing laundry, and helping
residents travel.

It would be game changing to...

help volunteers do these tasks **in other
people's living spaces** alongside **their
own tasks.**



How might we help individuals, families,
and communities **share the burden of
care-giving** amongst each other?

We met...

Ayla, an elderly Turkish immigrant living on the second floor of an apartment in SF.

We were amazed to see...

she only had one person helping her for free (her daughter) and results to paying others to help her.

It would be game changing to...

help her find other people who are willing to help her in her living space **for free.**

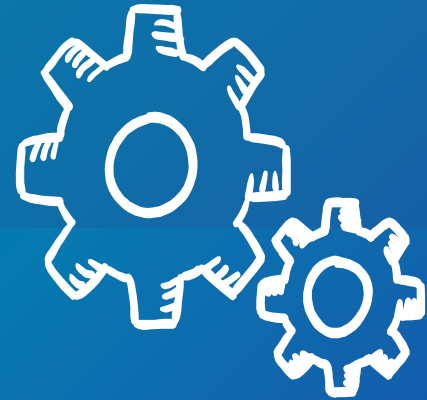


How might we **blend volunteering and accessibility** to help people function effectively in their living spaces?



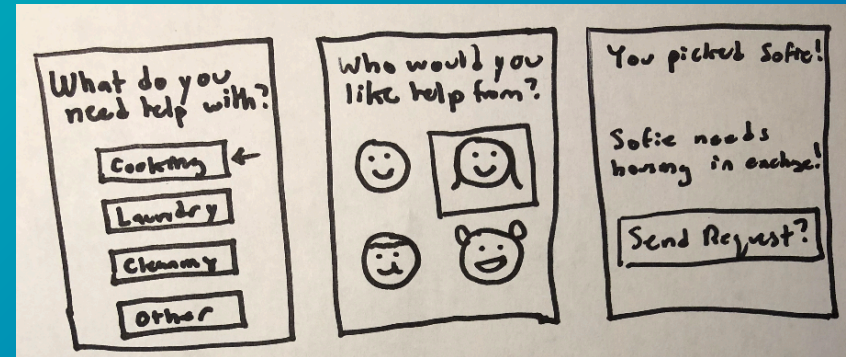
How might we **facilitate rewards for volunteering?**

Experience Prototypes



Experience Prototype 1: Elderlynb

Concept: Exchanging chores in living spaces for non-monetary benefit.



Enabled people to help others easily. Accountability & reciprocation.



No elderly people tested (yet).



Often overlaps with people's daily chores.



Community building.

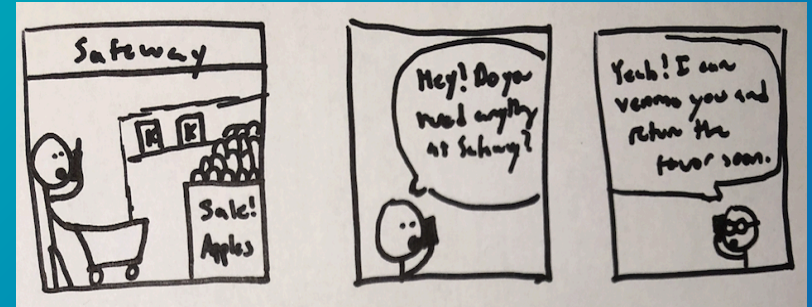


Assumptions about people's willingness to help correct.



Experience Prototype 2: On My Way

Concept: Doing favors for others that are convenient to do.



High favor return rate.
Excitement to help others.



Some failed favors. 😞



Some people took multiple favors!



Satisfaction alongside convenience.



Assumptions about commitment partly wrong (40%).



Experience Prototype 3: Wikability

Concept: Learning and teaching others about accommodating accessibilities in living spaces.



Decent interest in concept.
Diversity of ideas.



Less focus on accessibility and more on comfort.



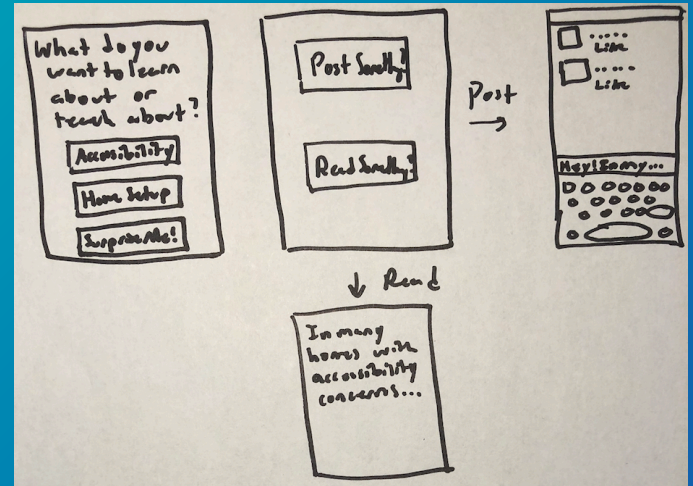
People replied about the results with curiosity.



Need more direct emphasis on accessibility.



Assumptions about interest in accessibility tips invalidated.



How might you tailor Stanford rooms to be more accomodating towards accessibility needs.			
Have lots of hooks around for hanging bags, so if you have back problem you don't need to bend.			
have wall outlet lightings to not won't trip and hurt your back			
music enabled lights			
Snakcs that are out in the open.			
yellow dim lights are very relaxing			
talk to your hallmates they'll help you			
Cleaning keeps the space tidy and makes you fell good.			
GET A TV! CHANGED MY WHOLE MOOD			
Get rid of your desk. It;s the root of all evil			
Put a hoop. Sports are relaxng!			
Google Home so you don't need to do much.			



Summary

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Key Learnings:

- People are willing to do favors if they're convenient and not out of the way
- Some individuals will give more than others, creating a balance of care-giving
- Accessibility + Living Spaces often require people coming into other's spaces



Next Steps:

- Incorporate more elderly people and people with accessibility concerns directly
- Determine overlap of needs of people with accessibilities and those interested in volunteering to assist both sides

Thank you!



Questions?