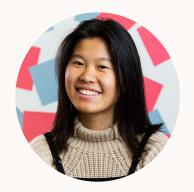


#### **Moo Moo Movers**



Ada Zhou



Bryan Defjan Presenter

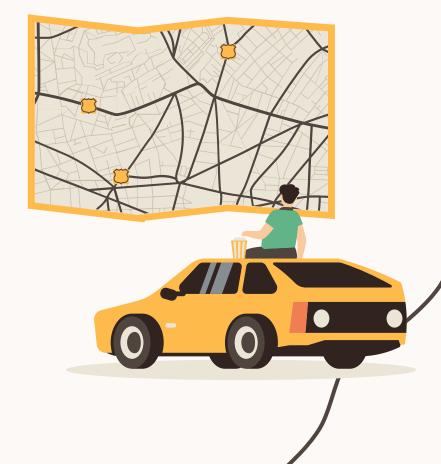


**Emily Redmond** 



Mhar Tenorio

## Problem Domain: Emotional Aspects of Moving



# Initial POV

**We met** Harriette, a 51-year-old mother currently living in Maine who moved 12+ times as a child because of her parents.

We were surprised to notice that she never got used to moving despite the number of moves she made and found it emotionally draining every time.

We wonder if this means "leaving things behind" emotionally is harder for her than the logistics of moving because it is taxing to uproot herself once she feels grounded.

It would be game-changing to help her to feel like she is not building a life from scratch with each move.

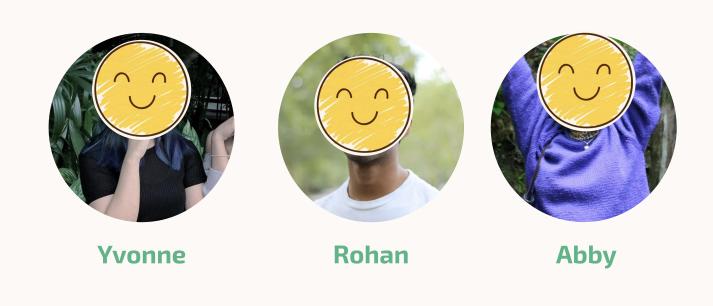


Harriette



# Additional Needfinding





#### **Yvonne**

- 20, international student from Singapore who moved to London for university <u>after living in</u> Singapore her whole life
- First move, international
- We were interested in younger people's emotions after Morgan's interview (Assignment 1)

#### **Insights**

- Independence of living alone is empowering
- Resolving physical aspects of moving (e.g. figuring out groceries, banks) helps with emotional transition
- The stress of moving means little headspace to commit to anything else
- With international moves, everyday objects can seem foreign again which is disorienting (e.g. detergents have different brands, figuring out which food is allergy-safe)



#### Rohan

- 23, just moved from NYC to Puerto Rico for investment and career reasons
- International move
- We were interested in people who are <u>currently</u> <u>moving</u>

#### Insights

- Moving changes your habits/hobbies because the activities available to you are different
- You may have to justify your decision to move to many different people, which can be tiring
- Conscious effort is needed to shift from a tourist's POV to a resident's POV to make a place feel like home



#### **Abby**

- 24, Settled in NYC after graduating college in upstate New York
- In-state move
- We wanted to see <u>how people who were "left behind" by movers during moves felt</u> → Abby felt this way

#### **Insights**

- Worried that her friends might not communicate with her as much after moving, losing their level of closeness
- Social media is crucial to feel like you're maintaining a connection after being physically separated
- Moving can be a symbol for maturing as a person. While full of triumphs, it brings with it new "adult" worries



# Revised POVs & Top 3 HMWs







**We met** Harriette, 51, who moved 12+ times as a child because her parents enjoyed a "hippie" nomadic lifestyle.

We were surprised to notice that even after moving so much as a child and not liking the lifestyle, she decided to move to Peru for a year as a teenager by herself.

We wonder if this means that she wants to reclaim her agency by carving her own moving experience as opposed to having the experience be defined for her.

It would be game-changing to have given young Harriette a way to feel ownership and a sense of self during a move as a dependent.





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HMW make moving a more collective experience for everyone in a family or group?





We met Yvonne, a 20-year-old who lived in Singapore (SG) her whole life before moving to London for university, away from her family and home for the first time.

We were surprised to notice she relied on physical markers (like finding groceries and furniture) to showcase and embody her emotional progress.

We wonder if this means she has trouble communicating and proving to herself that she's made emotional progress settling in after her move

It would be game-changing to make her more comfortable to fully embrace and celebrate the emotional ups and downs of moving.





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#### Did not select HMW.





We met Abby, 24, who moved to college and has recently moved back home to NYC, leaving behind the close friends she lived with over the past 4 years.

We were surprised to notice she gave up Snapchatting, which she felt best emulated the daily communication she used to have with her roommates.

We wonder if this means she was embarrassed that her frequent Snapchats made her seem more committed to the long-distance relationship than her friends.

It would be game-changing to facilitate a way for Abby to comfortably share her new life with a long distance friend without comparing efforts.





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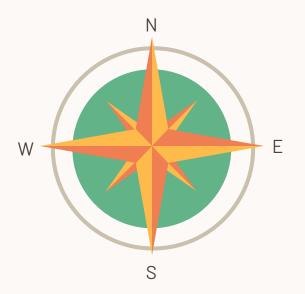
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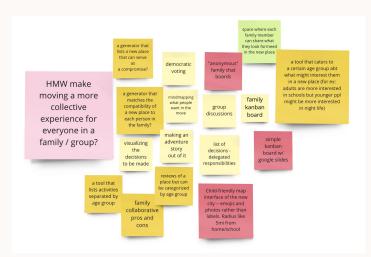
HMW help loved ones show they are thinking of each other convenient yet still meaningful?

# Solutions & Experience Prototypes

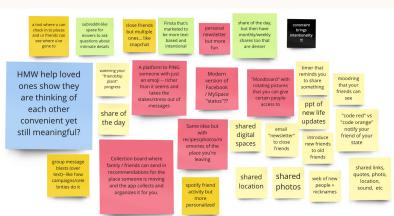








# **Brainstorming Solutions**



#### **Solution to 1st HMW**

A community-based feed that allows young people who have recently moved to a new place to get community know-hows from locals.

#### **Assumption tested**

Specific know-hows from community locals will make the teenager feel safer and use this information to make more informed decisions navigating their new home.

#### Prototype 1:

### **Community Know-How Feed**

Created form where user imagines they are moving to a hypothetical city. They read a list of niche tips from locals on how to explore the city. They share how these tips influence their perception of the city.

Prototype

Hello! Thank you so much for being interested in participating in our test-study. We are a team of students currently investigating solutions for people who are moving. In this prototype, we will present you with information then have you answer some questions after.

© defjan@stanford.edu (not shared) Switch account

\* Required

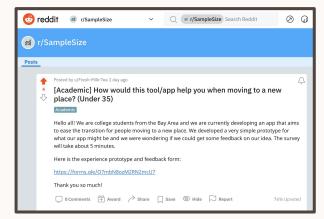
Do you consent to participating in this interview? Any responses that we may use will be attributed to a pseudonym. You may withdraw your consent at any time by contacting us. \*

O Yes.

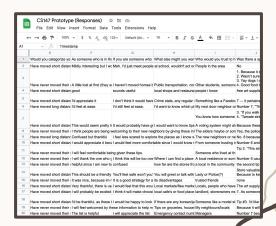
No

First name

Form was distributed on r/SampleSize, gathering 30+ responses of age range 16-36, mix of people who have never moved, moved short and long distances.



Feedback was analyzed with special attention given to how users felt having received the list of information, what they felt was missing, and reasons for why certain tips stood out to them.



#### **Results Analysis**

#### What worked?

- Generally positive views expressing tool's helpfulness
- Received rich variety of opinions that were interesting to unpack and raised limitations we didn't foresee

#### What was surprising?

Teenage users seemed more interested in logistics/physical needs (e.g. groceries, food) than niche know-hows tailored to their age group

#### What didn't work?

- Anonymity of tips made users doubtful
- Users weren't satisfied with range of tips
- User expressed that law enforcement may dislike strangers posting tips on how to circumvent them

#### What new findings do we have?

Users tend to look for the sources of the tips to determine their legitimacy-such as a voting system or by knowing the identities of the source.

#### **Solution to 2nd HMW**

A product manager for making group decisions so that each group member's individual needs will be considered.

#### **Assumption tested**

Expressing individual needs anonymously through a third party reduces awkwardness of bringing up sensitive points and provides a space for someone to collect their thoughts before raising them to the group.

Trust in this third party makes the user certain they will be heard.

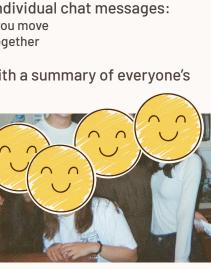
#### Prototype 2:

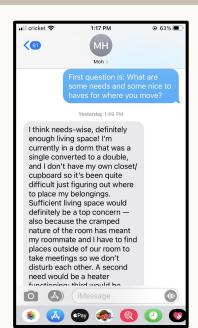
#### **Product Manager for Group Decisions**

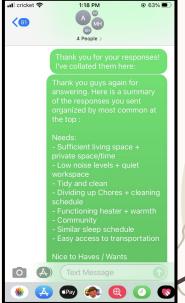
- Found group of four people interested in moving into an apartment together.
- 2. Each person gets asked these in individual chat messages:
  - a. needs/nice-to-haves for where you move
  - b. needs/nice-to-haves for living together
  - c. worries/concerns

The group receives a group text with a summary of everyone's responses.

- 4. Follow-up feedback Qs:
  - a. How it felt to individual think about each question?
  - b. Impressions reading the summary?
  - c. What to do with this information?
  - d. How does this compare to past conversations?







#### **Results Analysis**

#### What worked?

- Users noticed points they hadn't thought about but agreed with from what other users raised
- Users believed writing this down made their plans feel more concrete

#### What was surprising?

- One user mentioned that anonymity could be used to aggravate someone in the group if there was an existing tension
- Responses were often long paragraphs

#### What didn't work?

- Users found it hard to start a discussion after the summary was sent to the group
- Users didn't feel awkward raising their individual needs had they had a conversation in person (contrary to our belief), they simply didn't have a chance to fully converse yet

#### What new findings do we have?

- Users don't feel the need to bring up their concerns, needs, or wants unless there is a mismatch/issue
- Writing down thoughts is not enough, writing has to be paired with conversation

#### **Solution to 3rd HMW**

A 'nudge' messaging platform where people in long distance relationships can only send short messages to each other such that the constraint brings intentionality.

#### **Assumption tested**

When both people have the same expectation, people will find sending a single, small token of conversation (eg. an emoji) non-overwhelming yet still emotionally substantial.

#### Prototype 3: Emoji-only Text Messenger

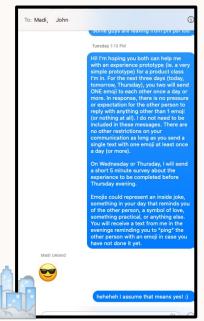
- 3 consecutive days
- 6 pairs of people sent one emoji to each other. No other restrictions on communication
- Given daily reminders like "Show your partner you've been thinking of them with an emoji if you haven't today!"
- After 3 days, filled survey about experiences, with focus on stress and level of closeness

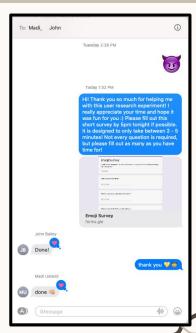












#### **Results Analysis**

#### What worked?

- Users didn't find it inconvenient at all
- Improved users' day!

"It was really sweet to receive the kiss emoji! Got little flutters, nice to know my bf was thinking of me"

#### What was surprising?

- All users expressed lack of time/energy to keep up with loved ones in daily lives
- No user was stressed by the reminders

#### What didn't work?

- Did not have as strong of an impact to the pair that was in a long-distance romantic relationship
  - One emoji isn't enough to show something meaningful

#### What new findings do we have?

Even if the participant reported that the emoji was random, the recipient still reported that receiving the emoji improved their day

#### Selected Prototype: Emoji-only Text Messenger











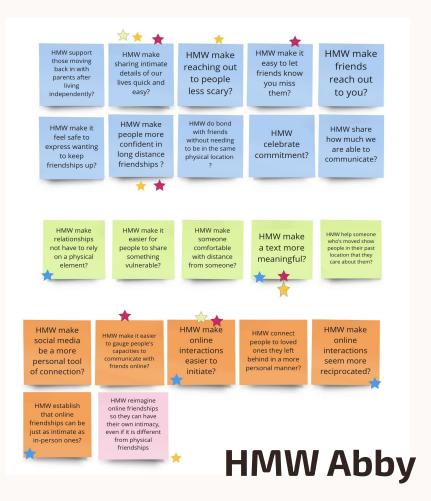
- Room to be creative with features
- 2. Most novel idea out of the three
- 3. Fewest ethical issues
- 4. Assumptions were promising
- 5. The one that got all four of us most excited!

How does such short-text messaging experience pan out with different kinds of relationships?



# Thank you! Questions?

## Appendix







#### Solution Brainstorm

HMW help teenagers safely navigate a new place? "anonymous" but moderated advice board for seniors / alum of local high schools or colleges on local safety tips for younger teens

that has reviews from other teenagers Yelplike app direct them to places where other teenagers like to hang out to

local immersion/ education. give them local news, politics, places-togo, etc connect them with other teenagers based on their interests

local laws about adults interacting w/ minors, knowing what's legal/not, discrimination, laws concerning teenagers like driving, sexual interaction, the new location

Quora/subreddit-

like space for

teenagers to ask questions about

starter kit for neighborhood

risk level scale

heat map of where many teenagers gather support group for teenagers

personalized map of locations map of how places make someone feel

guide of community activities

from parents

big buddy guide of friendship groups

sub-reddit like forum

vocabulary breakdown lifestyle magazine? directory of high school events a tool where u can check in to places and ur friends can see where u've gone to

subreddit-like space for movers to ask questions about intimate details

close friends but multiple ones... like snapchat

Finsta that's marketed to be more textbased and intentional

personal newsletter but more fun

share of the day, but then have monthly/weekly shares too that are denser

constraint brings intentionality

#### Solution **Brainstorm**

HMW help loved ones show they are thinking of each other convenient yet still meaningful?

> group message blasts (over text)--like how campaigns/cele brities do it

watering your "friendship plant" progress

A platform to PING someone with just an emoji -- richer than it seems and takes the stakes/stress out of messages

share of the day

> Collection board where family / friends can send in recommendations for the place someone is moving and the app collects and organizes it for you.

version of Facebook / MySpace "status"??

Modern

Same idea but with recipes/photos/m emories of the place you're leaving

spotify friend activity but more personalized

"Moodboard" with rotating pictures that you can give certain people access to

> email "newsletter" to close friends

shared location

shared

digital

spaces

shared photos

moodring that your friends can see

ppt of new life updates

timer that

reminds you

to share

something

introduce new friends to old friends

web of new

people +

nicknames

"code red" vs "code orange" notify your friend of your state

> shared links. quotes, photo, location, sound, etc

#### Solution Brainstorm

HMW make moving a more collective experience for everyone in a family / group? a generator that lists a new place that can serve as a compromise?

a generator that

matches the

compatibility of

a new place to

each person in the family?

visualizing

the

decisions

to be made

a tool that

lists activities

separated by

age group

democratic voting

mindmapping what people want in the move

making an adventure story out of it

reviews of a place but can be categorized by age group

family collaborative pros and cons space where each family member can share what they look for/need in the new place

"anonymous" family chat boards

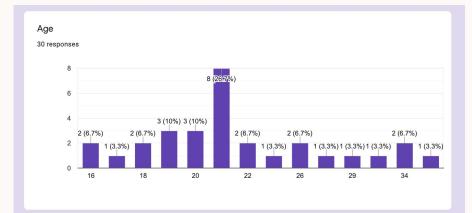
group discussions family kanban board a tool that caters to a certain age group abt what might interest them in a new place (for ex: adults are more interested in schools but younger ppl might be more interested in night life)

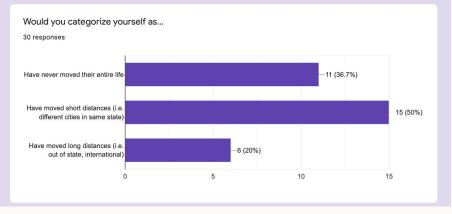
list of decisions delegated responsibilities simple kanban board w/ google slides

Child-friendly map interface of the new city -- emojis and photos rather than labels. Radius like 5mi from home/school

#### Sample Screenshots of Prototype #1

Form: <a href="https://forms.gle/SAs54oNMP1EdHuLU8">https://forms.gle/SAs54oNMP1EdHuLU8</a>





If you are someone who has moved before, how would you feel if you had this tool at hand when you moved?

22 responses

You'll feel safe won't you? If not just ignore it as if you didn't see the police

It is a good strategy for a town to have this especially for people who are new to the place, like they have a first insight if the place they will be going is safe or not but just know that the tips are knowledgable and legit

I would feel that this would be useful and it would have helped me get used to the area

I think it will make choosing places easier given that aside from the place that I'm moving into, I also need to consider what services are available in the area for convenience.

I would be happy to look forward to experiencing what were stated in these tips, with the exception of tip #7.

I will appreciate the list

It might have been much easier to adjust in a new environment.

I would feel very ease because I will not need to wonder about recreational places or where I can go if I need to

What else might you want to know?

21 responses

Public transportation, community events, groups to join

local shops and restaurants

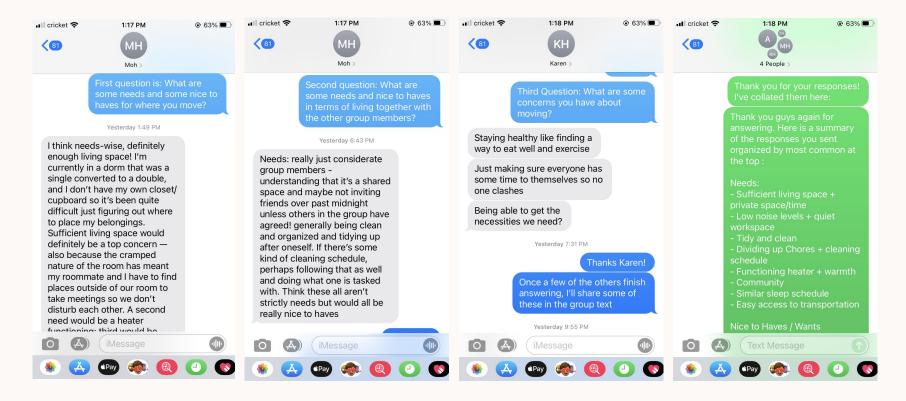
Crime stats, any regular events happen in the area

I'd want to know which places nearby provide facilities for a range of leisure pursuits like where to watch movies, where to go shopping, etc..

I would want to know tips more custom to me and my interests. For instance, I liked the tip about art supplies because I like art, but I didn't like the tips about skateboarding or walking a dog because I'm not into skateboarding and I don't have a dog.

Where I can find a place to hang out without much person. Peaceful hangout.

#### Sample Screenshots of Prototype #2

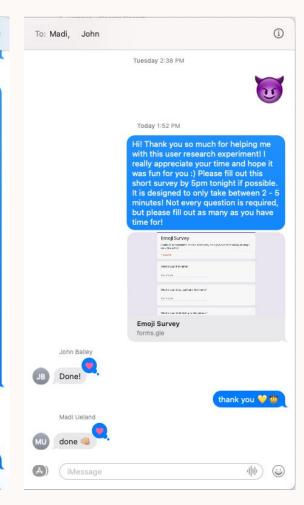




#### Sample Screenshots of Prototype #3



hehehel I assume that means yes! :)





# THANKS!

Do you have any questions?

addyouremail@freepik.com +91 620 421 838 yourcompany.com







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