



My Neighbor's Kitchen

end food waste. locally.

40% of all food grown in America is wasted. 1 in 7 Americans are food insecure. **My Neighbor's Kitchen** tackles food waste at the source: local communities. No longer throw out excess food, but instead make it available to hungry people around you. Don't go hungry yourself when you leverage the resource you have just a few feet away - the kitchen next door.

Lo-Fi Prototype Testing

Roadmap:

- **High Level Goals**
- Initial Sketches
- Distilling and Selecting Prototype
- Prototype
- Task Flows
- Method
- Results
- UI Changes

High Level Goals

- Ensure users could quickly and easily post & pickup food waste
- Normalize usage of leftover food

Roadmap:

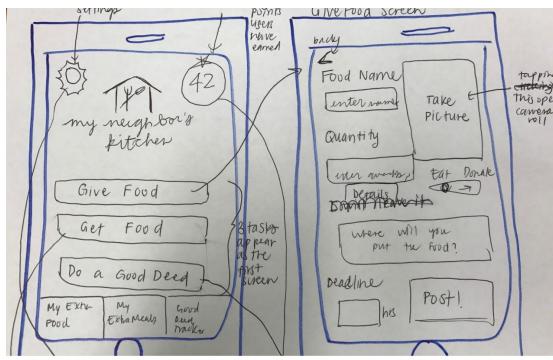
- High Level Goals
- **Initial Sketches**
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- Task Flows
- Method
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- UI Changes

Initial Sketches

Voice Controlled Trash Can



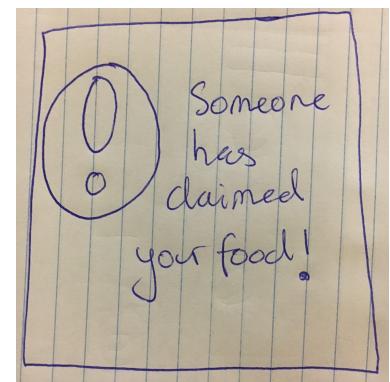
Mobile App #1



Mobile App #2

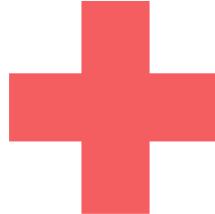
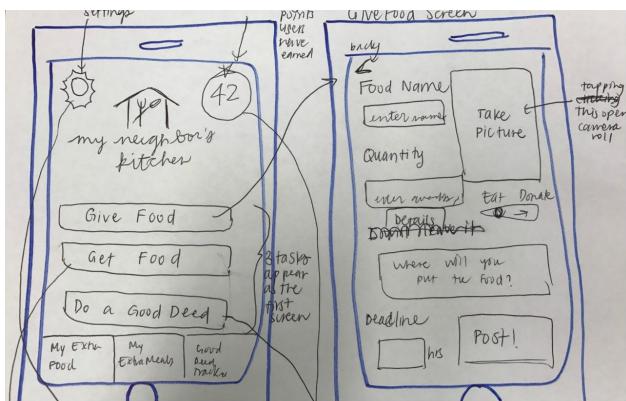


Smart Watch App

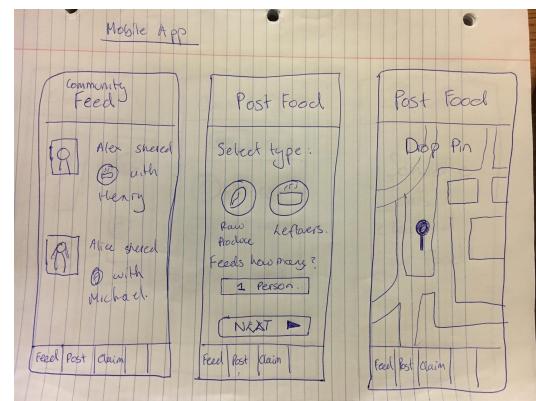


Distilling & Selecting Prototype

Mobile App #1

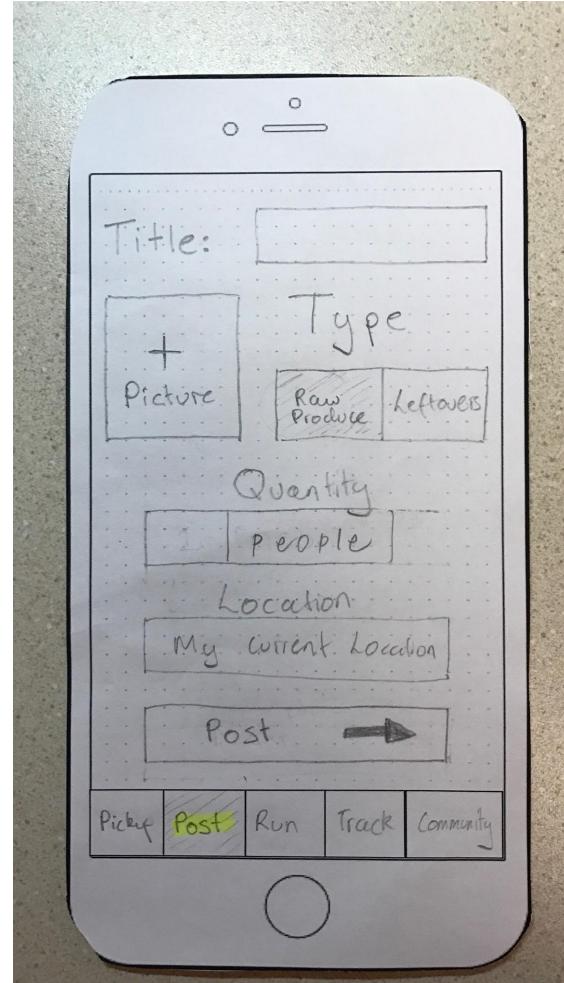
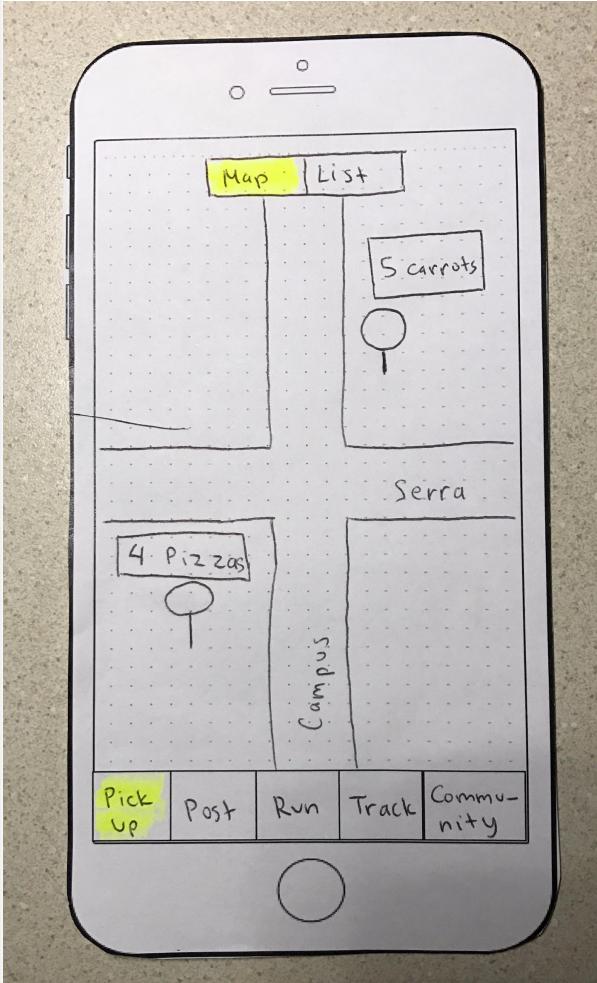


Mobile App #2



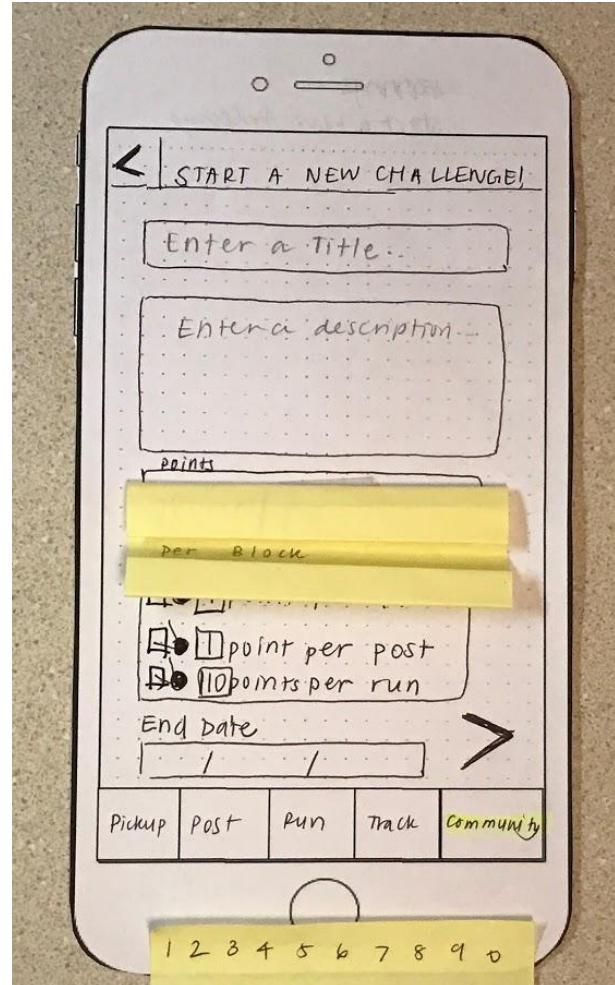
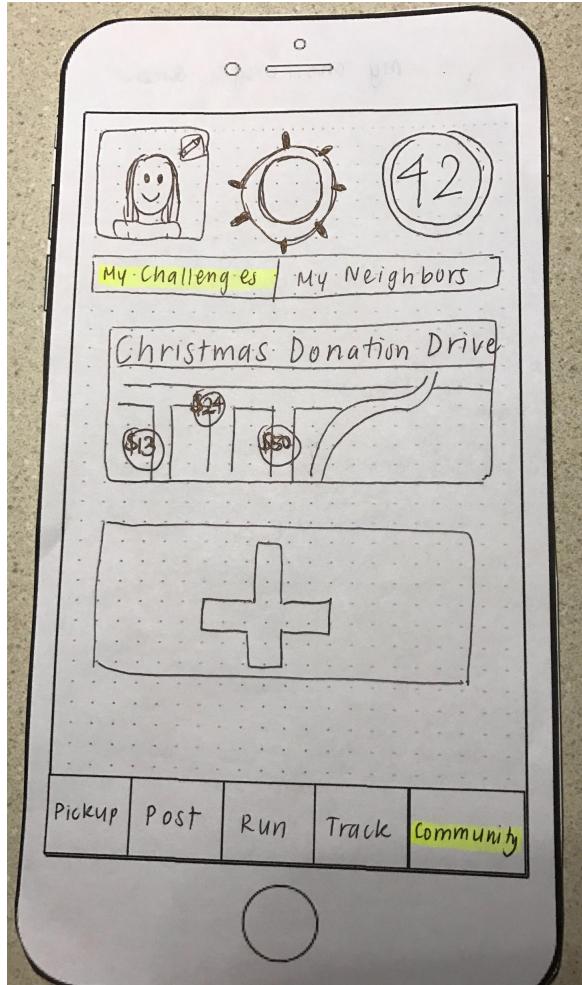
Lo-Fi Prototype Structure

-Pickup/Post



Lo-Fi Prototype Structure

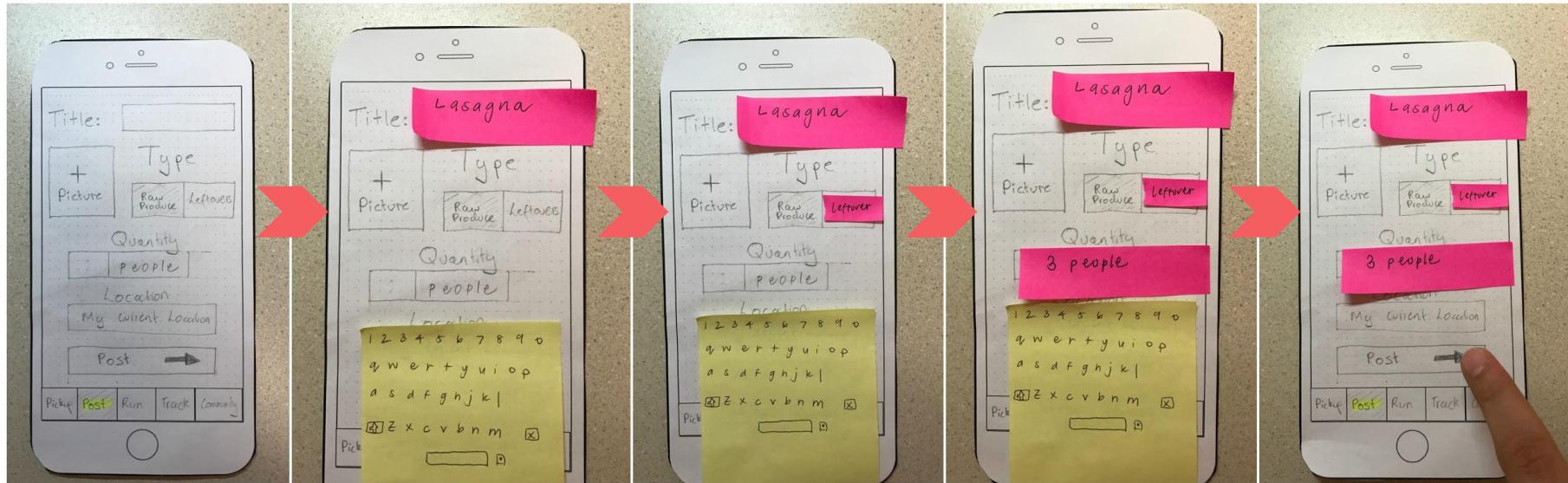
-Community



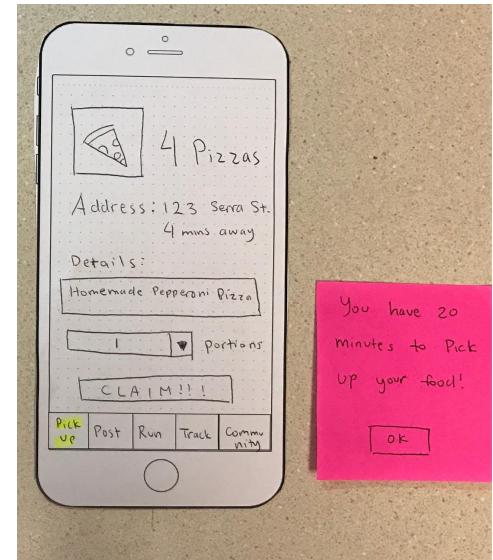
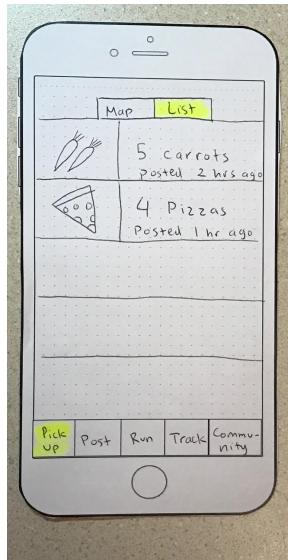
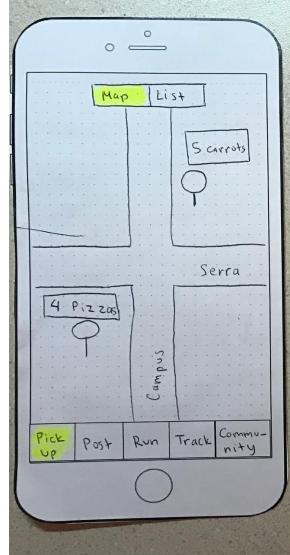
Tasks

Map the app's main functions to the chosen tasks.

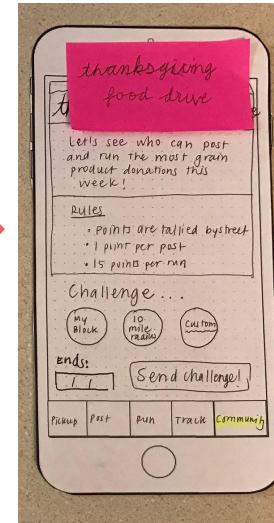
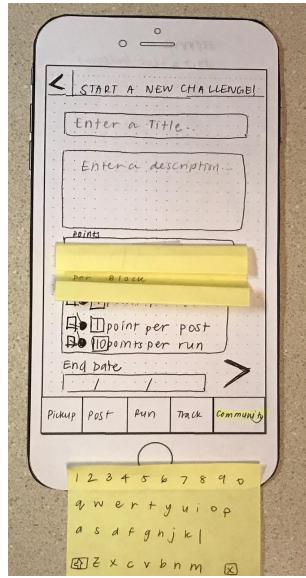
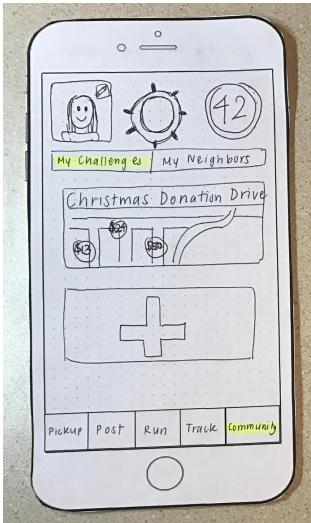
Task 1: Post Leftover Food



Task 2: Pickup Someone's Leftover Food



Task 3: Start a Community Challenge



Experimental Method

Participants	3 Stanford Resident Fellows <ul style="list-style-type: none">• Greg Watkins• Lydia Tan• John Barton
Location	Households/Kitchens
Procedure	<ol style="list-style-type: none">1. Introduced concept and area of research2. Gave a demo of Food Run feature3. Asked a series of three tasks4. Asked participant to explain their thought process as they carried out task5. Asked for feedback on each task6. Asked for general feedback

Experimental Results

Positive	Negative
Food Post	Uncertainty over Community Tab
Food Pickup	Uncertainty over how to initiate the community challenges , what they were
Familiar design, sticks to proven principles	Portion Sizes
Initial Screen	Pickup status of the food

Experimental Results

In General:

- Stronger and clearer **line of communication between poster and pickup receiver of food**
 - Pickup status, questions about food etc.
- Better communication of known solutions
 - Mutual Facebook friends
 - 20min pickup to prevent food from going bad
- More details over the quality of the food

Suggested UI Changes

Badges/Icons

- Mark potential **allergy** causing food
- **Give-to-take ratio** displayed on food claimer
- Standardized food portions
- Review system: numbers of meals posted per user



Suggested UI Changes

General

- **Message interface** between poster and claimer to enable questions about the food.
- Smoother transitions once food has been posted - where do we redirect to?
- **Reminders** about picking food up in the allotted time limit.
- Selecting who the food would be posted to

Summary



My Neighbor's Kitchen

- Overall structure of app solid
- Community tab needs work
- Greater connection between the donor and the receiver



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