

Deliver surplus food to people in need through smart pickup lockers.

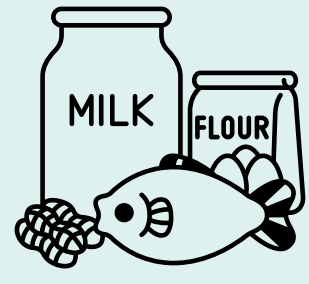
# Donr



# Team E10

Dhanwanth Ragavan, Romeer Dhillon, Aishi Dev, Ava Wood, Daffa Reinaro

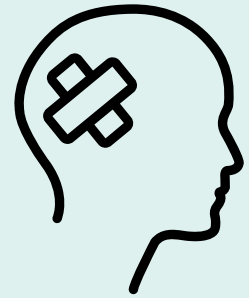
## THE PROBLEM



- ~**40%** of food supply in the U.S. is wasted annually while millions face food insecurity



- Existing food donation systems are **inefficient, centralized, and hard to access**

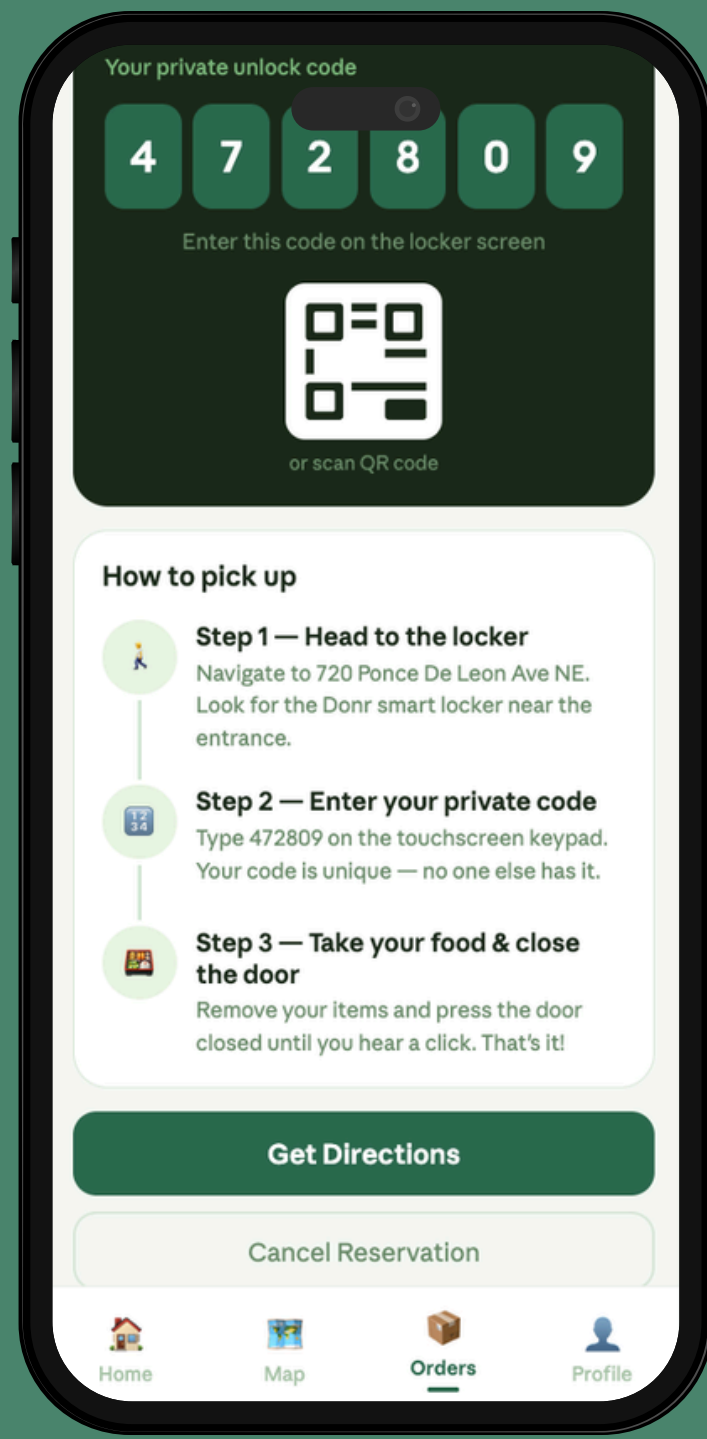
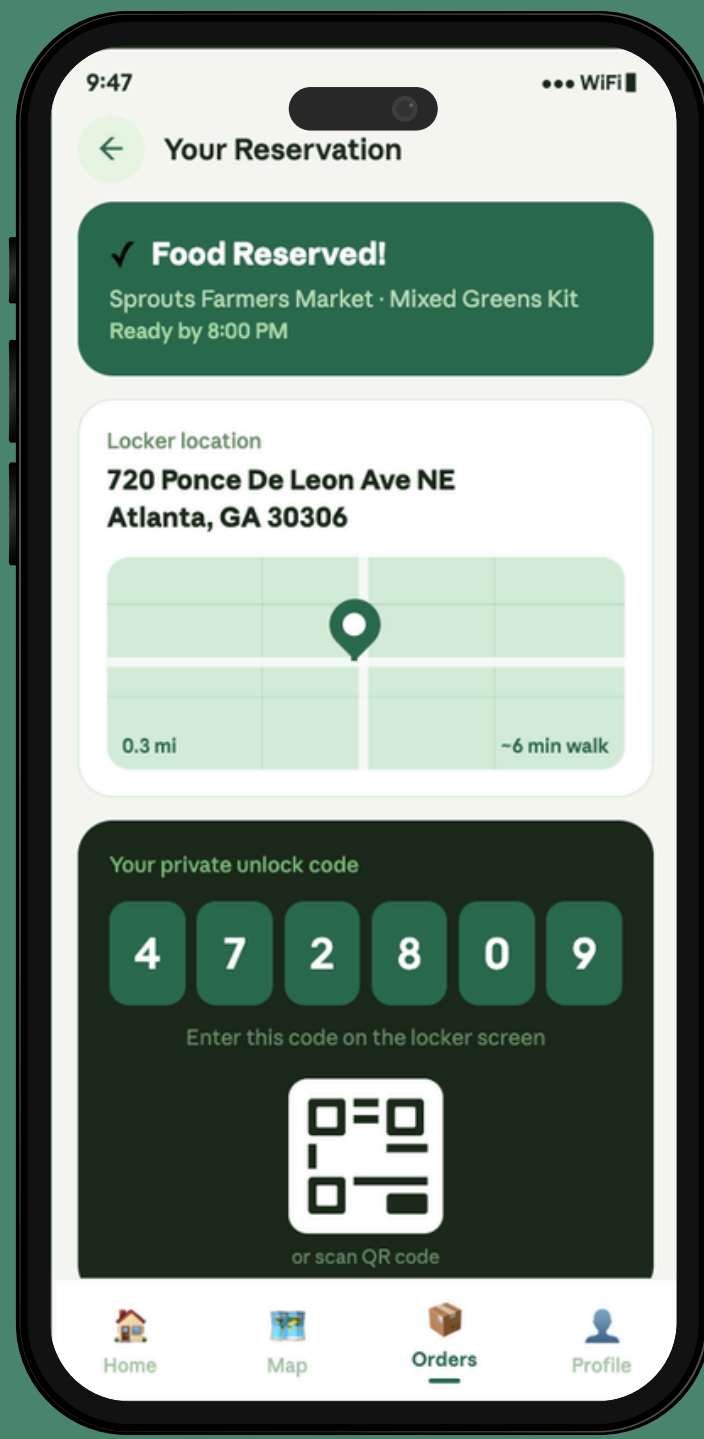
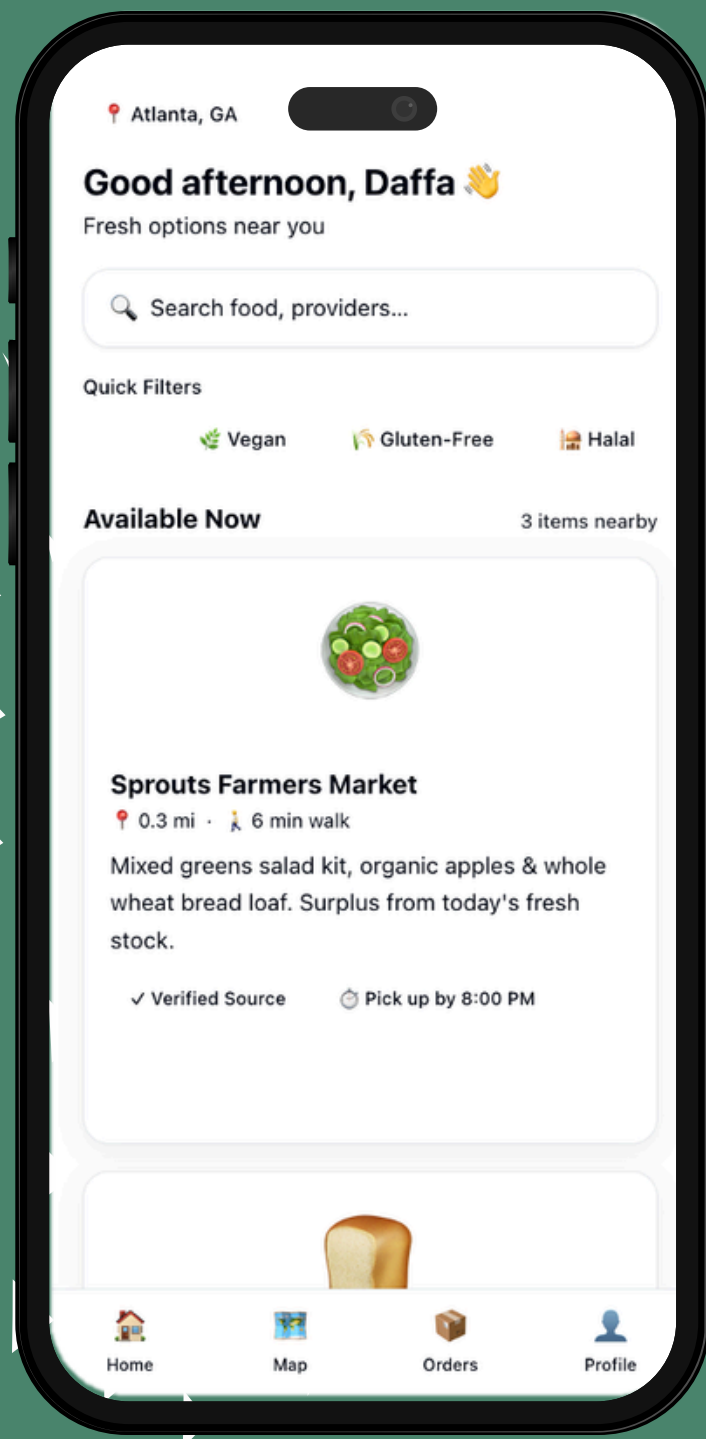


- **Stigma** around receiving food **prevents** many people from using traditional food aid



HOW MIGHT WE lessen the negative stigmas and inefficiencies surrounding food distribution in high impact areas?

## OUR SOLUTION



- **App** that **connects** surplus food providers (restaurants, grocery stores) to **food-insecure** individuals
- Uses secure **smart lockers** for fast, safe, and **private** food pickup
- Enables **real-time** redistribution of surplus food within local communities

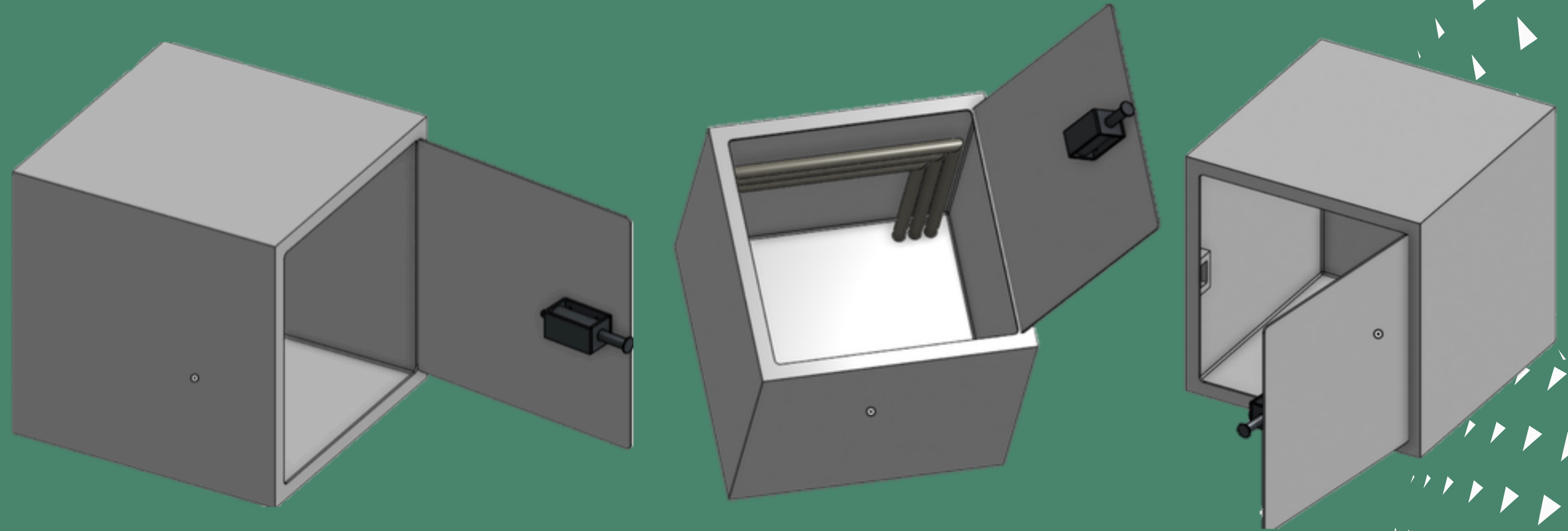
## UNIQUE VALUE PROPOSITION



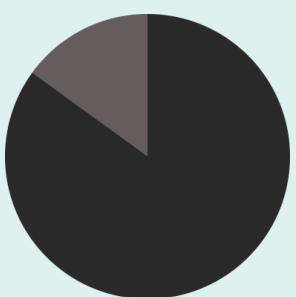
- Combines real-time **matching** + smart locker infrastructure for seamless **redistribution**



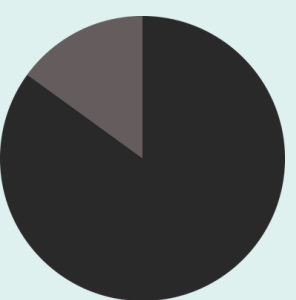
- More **dignified** and **private** than traditional food banks → **reduces stigma**



## OUR EXPERIMENT



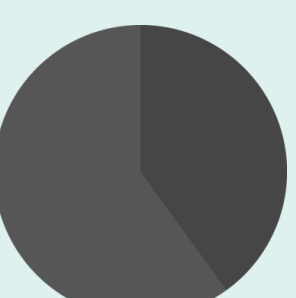
- Strong demand: **85%** would use the app. **76%** would sign up **immediately**.



- High recurring usage: **85%** would use it **daily** or a few times a week.



- No digital access barrier: **100%** have **smartphones** and **100%** have reliable **internet**.



- Stigma is visibly present: Over **40%** use food banks, yet **42.1%** rely on friends/family.

## HOW DONR WORKS

1



A provider lists surplus food and places it in a smart locker.

2

The app shows nearby users available food in real time.



4



A user reserves the food and receives a locker access code.

3

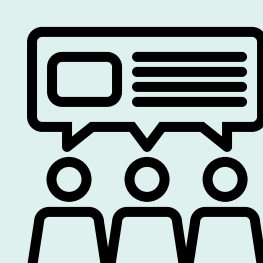
The user unlocks the locker and picks up the food privately.



## FUTURE STEPS



- Run **pilot** program with 1–2 restaurants and a small set of lockers



- Gather **feedback** from both **donors** and **users** to improve **usability**