



Team 2

*Addressing issues related to People Experiencing
Homelessness (PEH)*

MEET THE TEAM!



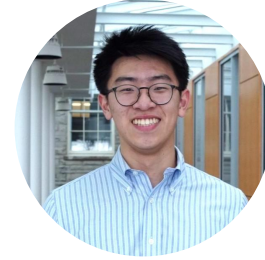
Suzanne Martin
ORIE



Ben Smalberger
LLM



Patrick Mazza
ECE



Lu Wang
ORIE



Nakia Kenon
UT



Aarya Kini
Parsons

HOMELESSNESS IN NYC

1 in 120

New Yorkers are unhoused. This is the highest since the Great Depression.

\$50,000

annually to shelter an unhoused individual.

70,000

people experiencing homelessness in NYC.

53%

of New Yorkers that are unhoused, are families, as of 2022.

STAKEHOLDERS

- People experiencing homelessness (PEH)
- Government agencies
- New York Mayoral Office
- Shelters & public benefit enterprises
- Advocacy/Outreach groups
- Local PiTech Businesses
- PiTech Practitioners

KEY TAKEAWAYS

- **Data**
 - Lack of efficient data collection and management
 - Limited Census data
 - 95% of PEH own smartphones
- **Community & Resources**
 - Lack of specialized staff
 - Inefficient allocation of services
- **Abuse & Trust:**
 - Abused individuals are reluctant to engage with service providers
 - Stigma around homelessness

WHERE WE STARTED

DIGITAL ID REPOSITORY

- Many PEH do not have immediate access to ID.
- Lack of ID inhibits PEH from accessing essential services.

We **wanted** to create a digital repository for ID to help PEH better access social benefits.

However, collecting and sharing personal data of vulnerable people presents legal barriers, working with government did not fit our timeframe, and there is an established company already doing something similar.

OUR NEW APPROACH

How might we reduce discrimination against voucher-assisted renters in Manhattan?

- **Scope**
 - Roughly 350 cases resolved in 2018 and 2019 (in NYC)
 - \$1,235,000 total damages and penalties obtained since 2014
- **Pain Points**
 - Going to court is costly and challenging
 - Not enough staff to do regular testing and enforcement

POSSIBLE INTERVENTIONS

1. Housing voucher discrimination enforceability
2. Automate paired testing
3. Speed up housing voucher processing (Money to Landlord faster)

LOGIC MODEL

- **Impact**

- *Voucher-assisted tenants should receive fair treatment from landlords. In case of abuse, tenants should be able to self-advocate and report acts of income discrimination.*

- **Externalities / Ethical Risks**

- Landlords wrongfully accused of discrimination → legal fees
- Landlords may find new ways to discriminate
- Data privacy in the inputs that are used to dictate eligibility

OUR PLAN MOVING FORWARD

- **Try to validate/invalidate these ideas:**
 - How can we quantify discrimination?
 - Speaking with relevant stakeholders, experiments
- **In parallel, keep doing problem scoping:**
 - Size and urgency of problems we've identified
 - Feasibility (team and resources)

THANK YOU!