

SEWA

Maine DTL Team 2

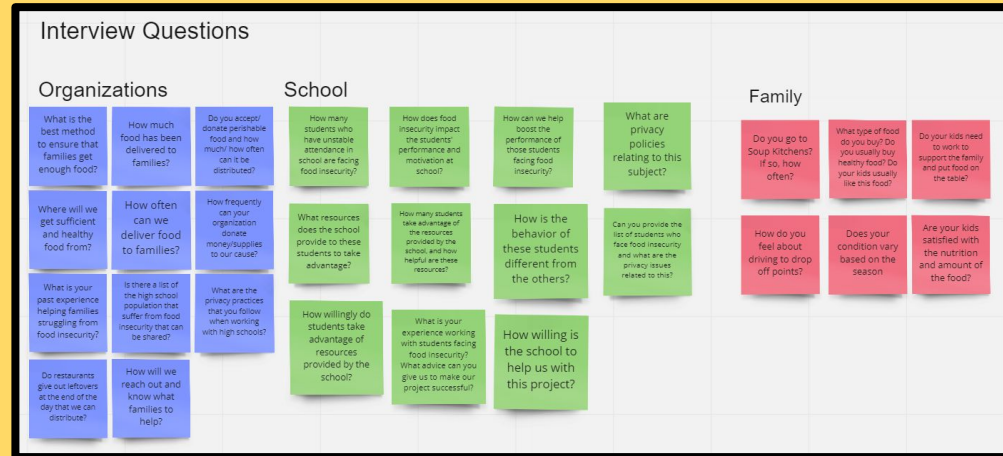
Sridhar Atragada
Sruti Tadikonda
SriShyam Juttu

Need statement

A way to address food insecurity in high school students which improves their job opportunities by improved performance in school

Phase 1

- We interviewed stakeholders and groups who could potentially help us such as grocery stores or soup kitchens to see if they had any previous experience in helping high school students with food insecurity.
- We also conducted secondary research on facts and studies in Maine regarding food insecurity among high school students. We developed need criterias based on what goals were “nice to have” and “must have”



Phase 2

- After our interviews, we refined our need statements to produce the best one that we can pursue
- Our best need statement that we produced was “A way to address low labor participation due to food insecurity in high school students which improves their job opportunities by improved performance in school”
- We conducted our prototyping, in which we brainstormed the best possible way to implement and achieve our solution.
- Afterwards, we commenced prototyping which included detailed portions of our process of implementation our step by step decisions
- Next slides contain our detailed prototyping.

A way to address low labor participation due to food insecurity in high school students which improves their job opportunities by improved performance in school	Higher GPA by 10%	Better job opportunities	high		9	9	10	28	Sri	Item 11, 17, and 18 in the research. measure GPA, Attendance, Graduation, Conduct, Drug/Alcohol Usage This is a high priority need statement as it affects our whole population and their performance in high school. If food insecurity is affecting these aspects of high school it is an issue that must be dealt with
A way to address food insecurity among high school students by reducing food wastage and improve productivity and help environment			high		9	9	10	28	Shyam	Item 19 and 20 in the research. This is a high priority need statement because food wastage can help deal with food insecurity among high school students. If we can distribute food that would be otherwise wasted, we can save money and have improved productivity and at the same time feed people in need. This would also help the environment as wasted food has a negative impact on the environment

Identifying the population



1. Google Sign-up.

- Need a social account account and gmail account
- Ask for Name, Phone number, Email and City/Town on the sign-up form
- We can reach out to school administration and head of volunteer organizations or local non-profits to recommend students who are in need, in case we don't get enough sign ups to continue the project.

2. Campaign and advertise on social media

- Prepare a campaign ad. Campaign material includes the link and also QR code to sign-up with our details
- Online - Instagram, Facebook, Whatsapp, Twitter, Snapchat
- Offline - Library, School, Town hall, Apartments, Grocery stores in the surrounding areas

3. Decide the population (screen the applicants)

- Respond to the applicants by phone or email
- Check the eligibility of the applicants based on their needs or other criteria
- Approve/deny the applicant

Quantifiable goals: Our goal is to help 10-20 students.

Collecting the Food

1. Identify the list of non-perishable food items.

- Dried and canned beans, Dried fruits and vegetables, Nuts and seeds, Grains, Canned vegetables and fruits, Jerky, Granola and protein bars, Soup etc.,
- Identify how much we need.

2. Identify local grocery stores and families that donate food.

- Hannaford, Shaw's, Sam's Club, Walmart, Marden's, Market Basket, Whole Foods

3. Contact grocery stores by calling them or emailing them

- Contact information via the internet and set up a meeting to discuss more or collect food.

4. Collect the food items from grocery stores and families on a regular basis.

- Plan the transportation

5. Plan distribution

- Identify how much food will be given to each person
- What food types are available to give.



Quantifiable goals: At least 40-50 lbs of good quality, nutritious food each week.

Delivering the Food

Setup teams

- Volunteer signup
 - Local families and friends
- Collection team
- Delivery team

Plan the schedule

- When the food needs to be collected from the donors and who collects
- When the food needs to be prepared and organized and who participates in
- Who delivers the food to the population and where the food is delivered

Organize locations

- Find a safe place where we can set up the food for pick up (e.g. one of our homes, school, town hall)
- We'll set up tables once a week where we will pack enough food enough for a week
- Home Delivery: To those who cannot pick-up the food, we plan to deliver the food (once a week)

Quantifiable Goals: 5 volunteer families



Fundraising and donations

1. Identify the donors

- ❖ Restaurants, grocery stores and organizations that help us raise funds and donations
- ❖ Chili's, Romano's Macaroni Grill, Olive Garden, Holy Donut, Portland Pie, Thai 9, Chipotle, Pat's Pizza, Applebee, Domino's, Five guys, Wendy's, Hannaford, Shaw's, Sam's Club, Walmart, Marden's, Market Basket, Whole Foods
- ❖ Friends and families

2. Plan the budget

- ❖ Estimate a budget based on how much food we need to distribute.
- ❖ Money raised will pay for the transportation and to purchase food.

3. Ask for donations

- ❖ Reach out to the above stakeholders willing to donate food and money.
- ❖ Collect the donations

4. Other methods

- ❖ Planning fundraisers
- ❖ Organizing a Bake sale through our local school
- ❖ Plan an event where people would pay to participate in
- ❖ Organize a raffle to raise money



Quantifiable goals: A steady stream of at least 40-50 lbs of healthy food each week. This food must be ensured to be in good quality. We plan to raise at least \$150 per week.

Phase 3

Implementation - We were not able to distribute any food as of yet since we were unable to identify our population. This was due to our flyers that we advertised our cause with did not attract any attention and were unable to receive any applicants.

Reflection - We should have advertised earlier and at a larger amount as we weren't able to reach as many people as we had thought and it ended up making our solution unmet.

Goals

- ❖ **Duration**
 - 8 weeks
- ❖ **Population**
 - Support 20 teenage kids
- ❖ **Volunteer families**
 - Involve 5 families
- ❖ **Donations**
 - \$1200
 - 400 lbs of food
- ❖ **Outcome**
 - Improved Job Opportunities for teenage kids