



No More Waste

ENSE 400/477: Vlog 2 (Mid Point Vlog)

By: Team Vecna



Team Members

- Arika Pasha
 - Backend Programming, Testing, Documentation
- Bulbul Arora
 - Full Stack development, Project manager
- Faizah Kolapo
 - Frontend Programming, Testing



Project Background and Business Need/Opportunity

- Many businesses throw away their excess food waste at the end of their work day when it could have been donated to homeless individuals in our city
- Businesses might not be aware that shelters are willing to accept their excess food, or they may not be willing to drop it off to shelters themselves
- We want to provide them the opportunity to donate their food with minimal effort on their part



Reason

- Prevent food waste
- Helping the homeless population in Regina
- Filling a gap by providing businesses the opportunity to eliminate their food waste



Action

- To create a Progressive Web App that will give restaurants a platform to connect with local shelters so the excess food does not go to waste.



No More Waste

- The restaurants/businesses can post a request to have their excess food collected.
- Once a shelter sees the posting, they can request the food.
- A volunteer driver will be connected with the restaurant and will pick up the food.
- The volunteer will then deliver the food to the shelter that requested it.
- This app could also be extended to include clothing etc. in the future.



Project Activity

- Wanted to work on a Traffic tracker but changed idea to No More Waste; More impactful - September 13.
- In the beginning we wanted to develop a Mobile app but after doing business research, we found out that a progressive web app would be a better choice - September 27th.
- Chose Tech stack - React, Node.js, MySQL - September 27th.
- Created initial documentation - Business Case, Milestone Based Schedule, Project Charter, Project Roles and Responsibilities, Project Scope. - October 2nd.
- Created Lo-Fi prototypes - October 10th.
- Created dev environment - October 15th.
- Created UML diagrams - October 15th
- Created initial Hi-Fi prototypes - October 16th.
- Deployed app on DigitalOcean - October 22nd.
- Set up Database on Digitalocean - October 22nd.



Status Description

- Yellow
- Reasons:
 - Our contact at the search clinic hasn't reached back to us about an appointment to test the Hi-Fi prototypes.
 - We were having issues with deployment on AWS. That took a chunk of our time.
 - We are looking into some legal issues that Karim mentioned in our meeting.
 - Is there any law preventing restaurant owners to donate food?
 - Background checks on volunteer drivers.



Planned Action

- Reach out to our contact in the Search Clinic again to set up an appointment.
- Also meet with some restaurants about Hi-Fi testing.
- Our deployment delayed our coding process. Now that we have deployment figured out, we will begin coding shortly.



Project Issues

- Deployment: Figuring out how to deploy our app was quite time consuming for us. We finally have deployment figured out and we have decided to deploy our app using Digital Ocean.
- We are looking into some legal issues that Karim mentioned in our meeting.
 - Is there any law preventing restaurant owners to donate food?
 - Background checks on volunteer drivers.



Project Changes

- Decided to create a Progressive Web App after research done with restaurants and shelters.
- Instead of creating separate sign up pages for restaurants and businesses, we will just use checkboxes to determine the role of the user.
- We will be changing our Hi-Fis to include a dashboard where our customers will be able to see which food items have been donated and which food items are available for donation.
- Our focus has shifted from chain restaurants to local restaurants as they would be more willing to contribute to the community.



Overview and Project Demo

- <https://github.com/bulbularora/No-More-waste/tree/main/Documentation>
- <https://www.figma.com/proto/JS9JEh4wUrvoQelopKwRXy/Vecna?node-id=0%3A3&scaling=min-zoom&page-id=0%3A1&starting-point-node-id=0%3A3>
- <https://cloud.digitalocean.com/apps?i=f87f32>



Next Up

- Update Hi-Fi prototypes according to Tim's suggestions.
- Meet with Search Clinic for Hi-Fi testing.
- We are meeting Cobs Bread on Friday and will find more restaurants for Hi-Fi testing.
- We will also be looking at farmers markets or grocery stores for potential testing.
- Start working on the Front End by this week. We will start with HTML and css and cross platform responsiveness.

Team Reflection

- Does the team feel on track?
 - We mostly feel on track. We are a bit behind on testing and coding. This is mainly why we feel our status is Yellow. As soon as testing is complete, we can begin coding and will be properly on track.
- What progress does the team particularly feel good about?
 - We had a meeting with our mentor and have come up with a schedule to meet our mentor every two weeks.
 - We figured out deployment and chose to go with Digital Ocean. This completes our dev environment set up.
- What barriers does the team feel is a current impediment to success?
 - Testing Hi-Fis
 - Learning the Tech stack.
- What help does the team require to move positively forward?
 - Efficient use of GitHub.
 - Tech Stack.



Thank you!