No More Waste

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Introduction

First…

Welcome. Here is a brief introduction to our project:

It is common knowledge that many businesses throw away their excess food at the end of their work day when it could have been donated to homeless individuals in our city.

These businesses might not be aware that shelters are willing to accept their excess food, or they simply may not be able or willing to drop it off to the shelters themselves.

Due to this, we want to provide them the opportunity to donate their food with minimal effort on their part.

Aim

Our aim is to contribute to our community by reducing food waste in Regina.

This will serve as a step and way of helping the homeless population in Regina.

We will also be filling a gap by providing restaurants or businesses with the opportunity to eliminate their food waste.
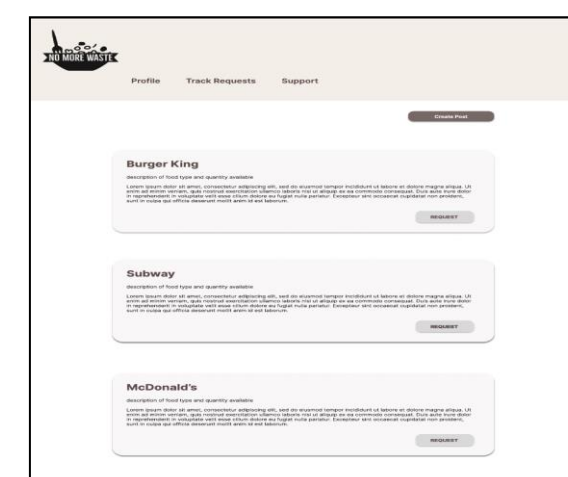
Method

Here is how we decided to implement this as a team:

- Creating a responsive web application across various devices and visualizing the initial design using Hi-Fidelity Prototyping.

- Various project management documentations were created such as the business case, project charter, RACI chart, and other documents.

- The website has three different types of users: Restaurant, Shelter, and Volunteer Driver.

- The website will give restaurants the ability to post a food item they want gone which gives room for shelters to accept the item and finally, a volunteer driver accepting to deliver it to the shelter. Each type of user receives appropriate notifications during this process.

- We decided to implement this using HTML5, CSS3, React, MySQL and NodeJS with deployment done using Heroku.

- Code reviews were done as well as user testing and functionality testing.

This is a sample of part of our business case document that outlines the business need as well as benefits associated with it.

To the right here, is an illustration of our initial website design prior to choosing a color scheme and getting feedbacks.
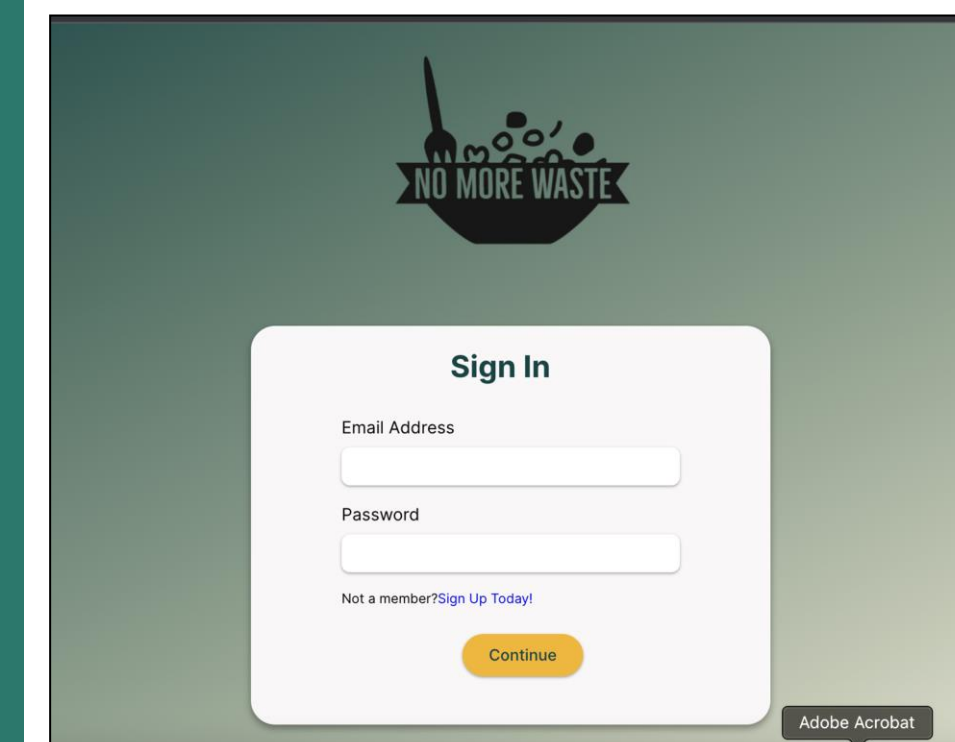
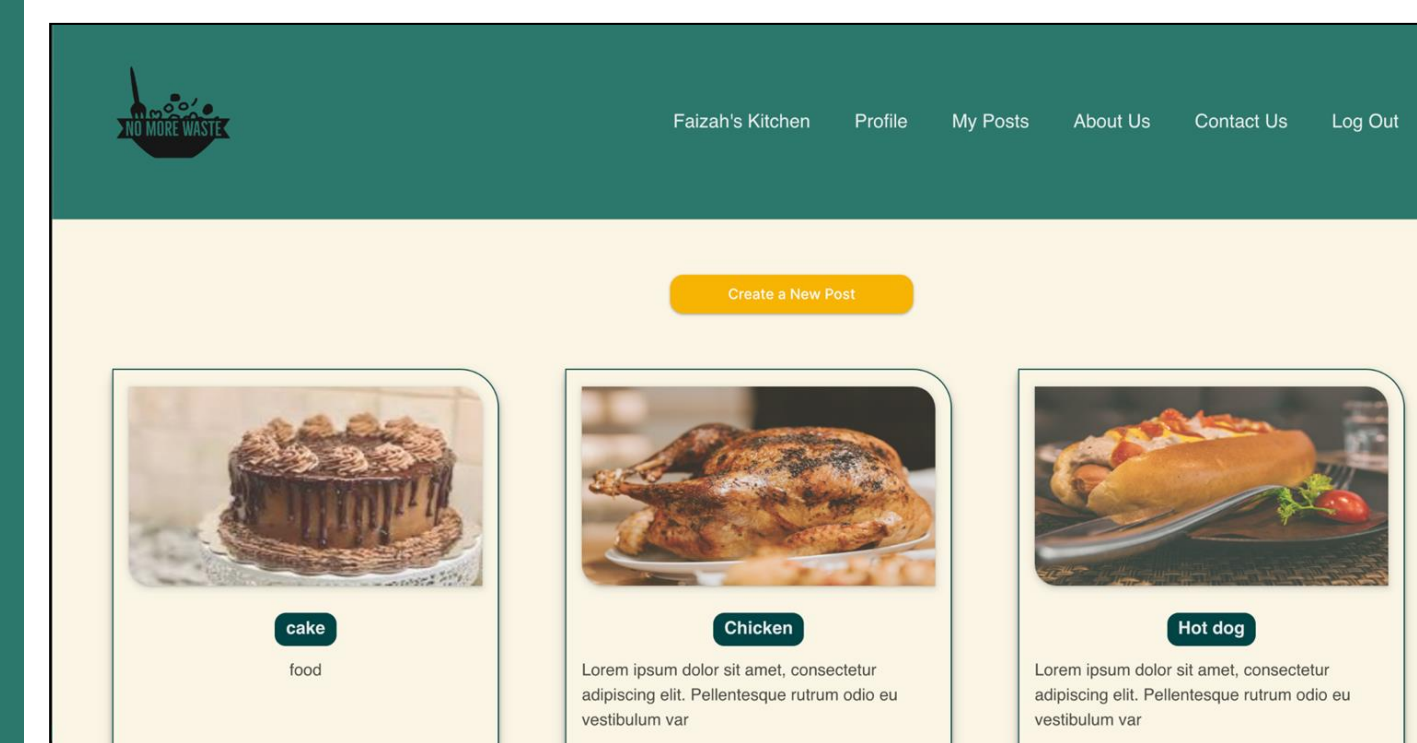| Identifier	IR3		
Title	Missing dependencies		
Status	Resolved		
Created By	Arika Pasha	Date / Time	January 1 , 2022
Description:	When cloning the code from GitHub, the libraries each member uses on their own machines do not transfer. We were not keeping logs on which dependencies we all installed, so we are now tracking them and notifying each other so the source code works for all of us.		

Here is how we documented some of the issues encountered during the execution process.

Results

After moving on from the initiation stage, we got a lot of feedback. We carefully considered them and implemented specific feedback within the scope limit. Our color scheme was changed to reflect a green colour which represents freshness and matches the theme of our project. The UI was also modified to be busier and more interactive. Users are now able to create accounts as any of the three user types and use the website effectively.

Here is a screenshot of the new user interface and color scheme change

Here, you can see the new layout of the home page/dashboard implemented as well as the new color scheme.

Meet our team

Arika Pasha	Faizah Kolapo	Bulbul Arora
Backend developer	Frontend developer	Full stack developer

Conclusion

For more information on our project, visit our GitHub page at: https://github.com/bulbularora/No-More-waste

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