

BUSINESS CASE	
Proposed Project	No More Waste - A Progressive Web app that will give restaurants a platform to connect with local shelters to reduce food waste.
Date Produced	Oct 1 st , 2022
Background	All three members of Team Vecna have witnessed a large amount of food waste coming from restaurants. Most businesses throw away their excess food at the end of the day when it could be easily to donated to local shelters.
Business Need/ Opportunity	Businesses might not be aware that shelters are willing to accept any excess food or probably do not want to go out of their way to donate that food.
Options	<ol style="list-style-type: none"> 1. Create a PWA that will give restaurants a platform to connect with local shelters. They will then be connected with volunteers who will pick up and deliver the food. The app will have a chat feature and a notification system that will make the pick ups and deliveries more efficient for the customers. 2. Create a simple desktop app that will give restaurants a platform to connect with local shelters. This option will not have a chat feature and a notification system. The volunteers will have to use the direct contact information of the restaurants/shelters to manually notify them. 3. Restaurants will have to manually set up donations and will either have to deliver the food themselves or set up pick ups directly with the shelter.
Cost-Benefit Analysis	
<ol style="list-style-type: none"> 1. PWA that will connect restaurants with shelters with chat and notification features. <p>Costs:</p> <ul style="list-style-type: none"> • Hosting cost. • Software team of 3 until April 2023. <p>Benefits:</p> <ul style="list-style-type: none"> • Reduced food-waste. • Access to an app that will make it for easy restaurants to donate food and shelters to accept food. • Minimal effort for the restaurants. • The chat feature will provide increased privacy for volunteer drivers. • Restaurants and Shelters will be easily able to track the volunteer drivers with the notification system. 2. Desktop app with no Chat or Notification system. <p>Costs:</p> <ul style="list-style-type: none"> • Hosting Costs. • Software team of 3 until April 2023. 	

Benefits:

- Reduced Food waste
- Access to an app that will make it for easy restaurants to donate food and shelters to accept food.
- Restaurants will still have access to drivers to deliver the food to the shelters.

3. Manually set up donations.

Costs:

- Not efficient as restaurants might not want the hassle of donating food.

Benefits:

- Some reduction in food waste.

Recommendation

A PWA that will connect restaurants with shelters with chat and notification features that will make it easy for restaurants to donate food to local shelters.