

Overview - Shawn & Irwin

Our app is designed to connect local farmers and vendors who typically set up at local farmers markets with local consumers, restaurants, food banks and pantries. Built on an e-commerce platform incorporating social connections, like reviews and location-based recommendations, consumers can purchase products from these farmers and vendors, make donations to food banks and pantries, while farmers and vendors can donate items they have in stock or in surplus to fill the seasonal needs of local food banks and pantries.

Features - Chris

- **User Sign Up** : User will be able to create a account with the option of customer, food bank, or vendor.
- **Vendor Log On**: Vendor will have the ability to add, remove, or edit products of their choosing. See an overview of all inventory. Have the ability to accept payment in the form of credit cards. Have the ability to use social media on site for announcements related to products. Add items to a private page just for food banks.
- **Customer Sign On**: Customer will start on overview of all product page. Customers will have the ability to search for product inside a search bar. Be able to search in a certain area from their location. Have the ability to add and remove items from shopping cart. Have a check out page. Pay for items using a credit card. Get updates about deals going on at the location they choose. Write reviews on vendors and products. Have the ability to share pictures etc on social media. Have the ability to donate money at checkout page to food bank if they choose to.
- **Food Banks Sign On**: Food Banks will have the ability to see items that vendor will be giving way at the end of the day. Have the ability to request for items they are in need for. Share on social media about there cause from site. Be able to accept donation from customers.

Technologies - Clarence

- C#
- Javascript
- Vue.js framework
- MySQL
- Bootstrap?
- Google maps API

What I'll Have to Learn - Stephen

By coding this project, we plan to learn the Javascript language as well as the Vue.js framework to build the front-end of our application. We will also gain an understanding of the principles of RESTful programming and isomorphic architecture in building this single-page application (SPA). We will not only become proficient in the use of APIs (Application Programming Interfaces) internally to manage data, but also in the use of external APIs such as the Google Maps API and payment processing APIs.

The group will continue to build upon our previous learning by using MySQL as our database, Bootstrap to style our web pages, and C# to allow all the parts of our application to work together. Although, we have experience in these skills, this will be our first opportunity to create a working, functional application from the ground up.