

Ryan Golden
Jacob Newcomb

Brief:

The idea of the project is to make a website that is a garden tracker and community trading post. You would be able to sign in with a login feature and post how much excess produce you have and look at the board to see what other people have posted to enable people setting up trades between each other using the websites credit function, you would gain credits by posting produce for trade.

Credits could be used to purchase produce and delivery drivers, credits can be earned by posting produce and by being a delivery driver for transactions that occur on the website. Once a trade has been confirmed each party would be given the other parties contact information to facilitate communication outside the website so that they can deliver the produce.

Failure to carry out your side of the transaction would result in punishment, such as being banned from the website for repeat offenses, and a refund for the other party. At the end of each transaction both parties would be able to make a review about the transaction and delivery.

Problem statement: A home gardener is having difficulty finding people to give fresh produce to and is having difficulty finding people to receive fresh produce from for free without paying any money.

Intended user: home gardeners and small farmers

Why the user has the problem: it's hard to find a community to trade produce with for free, and farmer's markets haven't done as well since COVID-19.

Benefit: The solution would benefit the user by pairing them with other gardeners and farmers that possess produce that they want to trade for.

General Flow: A user signs in then either posts that they have produce to trade or they would search for produce that other gardeners/farmers have posted to trade for. Then they would purchase the sellers produce with credits and then be given the sellers contact information to facilitate an in person transaction of the wanted produce, or hire a delivery driver with credits. After the transaction occurs both users would be able to file a review to ensure that the transaction occurred with no complaints.

Software: Web server, database.

Hardware: just a computer, internet.

Similar solutions: Craigslist, our solution is more specific to local gardeners and fosters a completely free community trading arrangement within the community.