

Team:

1. Concepta Njolima
2. Sreynit Khatt
3. Luke Wilson
4. Kumbula

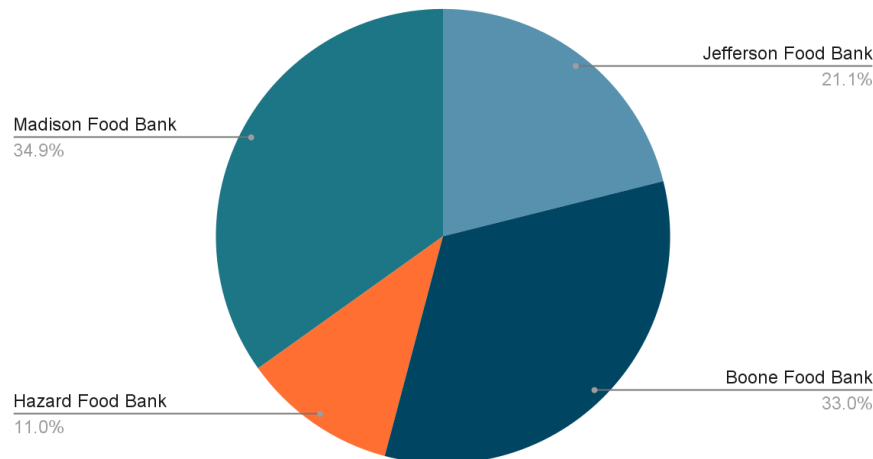
Problem Statement: For over 11 years, FeedingKY has not collected enough detailed information from farmers, especially about their main crops. Feeding KY needs to reformat its existing database to track farmers' information to track where grant money is being spent.

Solutions:

Along with each proposed solution, prepare a few sentences about why this is a good idea and what might be challenging about it (pros vs cons).

1. **Create an application that allows Sarah to easily query information regarding funding.** Ex: How much grant money is going to each food bank? The application will provide a visualization of the information in a pie chart. Each pie slice will display the amount of money that is going to each food bank annually. There could also be an option where you click the slice to take you to all the invoices of that year that went to that food bank.

FeedingKY Funding



Pros:

- Easily query information about spending.
- Query how much a farmer charges for their produce and how much we give to certain farmers
- Query how much money has been spent in a period of time.
- Query which months on average receive the most spending and whether the time of month affects the price of crops

- Find what produce receives the most funding
- Annually reports are easier to gather
- User can see what percent of funding is being spent on each food bank annually (maybe monthly)
- Will provide Sarah with the data on the farmer's major crops and will help her budget accordingly for the next season.
- Ease access since Sarah has to only check one place.

Cons:

- Time extensive, deadlines
 - Creating a User Interface might be time consuming and difficult
 - Time consuming
 - Risk of getting incomplete data, since out-of-state farmers are not included in the database
 - Creating the application might be time consuming
2. **Create an application that will allow farmers and food banks to directly submit their information to FeedingKY**

Instead of Sarah entering the farmer and foodbank information, we will create a mobile phone application that farmers and food banks can use to input information about the produces they sell or donate through FeedingKY

Pros:

- A mobile phone app will be portable for farmers and food banks to send the information to FeedingKY
- It will provide information in a uniform format since the information is submitted through the application
- It will reduce Sarah's workload by removing the task of manually adding the information to the database.

Cons:

- Most of the FeedingKY farmers are Amish and might not be able to access the phone
 - Most of our teammates do not have experience working on mobile phone applications
 - Requires some tech-savviness from the farmers.
3. **Create an application that allows Sarah to contact people who she works with through email templates.**

Every month, Sarah needs to get data from farmers who regularly supplied produce to the food banks that work with FeedingKY. With this application she could just select the topic of her email and send it to them in order to request information.

- Pros:
 - Sarah will spend less time crafting emails.
 - Sarah can stay in contact with her work partners efficiently .
- Cons:
 - Not all farmers might be responsive to emails.
 - Sarah can not use these templates for more specific emails that only happen once.


Storyboard:

Actions. The actual behaviors and steps taken by users.

Motivation. Why are they trying to do something?

Channels. Where each interaction takes place (in-person? on a device? in an app?)

Pain points. What are the challenges users are facing at each point?

Phase of journey	Problem	Query Problem	Manual Guide	Result
Process	User needs financial report for financial trends, total spending within a time period, and where transactions are going.	User uses our program that has a set of filters to query their financial question.	If user is not sure how filter works, they can look at our instruction guide.	Results view shows user the answer to their question.
Question	Where does the user go to find these questions?	What if the user doesn't know how to use the set of filters.	What happens after they learn and use the set of filters?	User has their answer. 

https://miro.com/welcomeonboard/WnJ6THc2aG1uRHBZN3hmQ0RjUkRwbk56dDNLQkhGVdNpM01lb2NGem5neEFwRE5EM1YyYkFhaEx5R3pCU0dBcXwzNDU4NzY0NTIwNTI1NDUyODA3?invite_link_id=408036868198