

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. Revise the current Database by eliminating anomalies and adding tables if needed.

- Pros:
 - This will reduce redundancy so it will save some times when Sarah enters the actual data in.
 - Reduce the chance of leaving out important information compared to creating a new Database.
- Cons:
 - We are limited to what we can change in the database.
 - Changing some information such as names (growers vs. farmers) can result in errors

2. Create a dashboard that allows users to easily query information regarding funding. Ex: How much money did we spend on corn in the month of August?

- 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
- Cons:
 - Anomalies
 - Time extensive, deadlines
 - UI (maybe another group can help us with that?)

3. Create tables for the data that Sarah currently tracks in a separate spreadsheet.

In our last meeting, Sarah mentioned keeping a separate spreadsheet that stores farmers who donate and from out of the state and tracks the grants used to pay the farmers. The current database table requires at least a penny in the amount paid field, so Sarah prefers tracking this outside the existing database .

- Pros

- Will provide one database with all databases that will help Sarah better understand how different aspect of FeedingKY work.
- Ease access since Sarah has to only check one place.
- Cons
 - Risk of losing some data during the migration from the spreadsheets to the new table

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.

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