No Food Waste For You! Usability Survey

Greetings, traveler of the data realms.
You have been chosen—whether by fate, chance, or sheer unavailability of others—to evaluate our team's capstone project. Few possess the rare combination of intellect, curiosity, and kindness required for this mission, and yet… here you are.

Your mission begins the moment you access the project through the link below. Only then can you answer the ultimate question: "Did you survive the journey?"

 To begin your mission, access the prototype here: https://github.com/btschmid95/team-no-food-waste-for-you/tree/main. Instructions are in located here: https://github.com/btschmid95/team-no-food-waste-for-you/blob/main/README.md.

 Should you decline, the teammate who recruited you will descend into panic and be forced to locate another tester (a task known to break even the most resilient grad students).

App Generation

Instructions:

Launch the app using the instructions in our README file (https://github.com/btschmid95/team-no-food-waste-for-you?tab=readme-ov-file#-running-the-application), and answer the following questions:

1

 Were you able to **follow the instructions in the README** and **launch the Streamlit application** without additional help?

◯ Yes

◯ No

2

Did the "No Food Waste For You" Streamlit webpage **open successfully in your browser**?

◯ Yes

◯ No

3

Were you able to **navigate through all pages of the app** (Home, Pantry Dashboard, Planning Dashboard)?

○ Yes

○ No

App Usability

Instructions:

On the Pantry Dashboard, please select the **Sample Pantry** button on the sidebar. This will fill your pantry with food items from different categories and expiration dates to simulate a few weeks of app use. The Sample Pantry is randomized, so it won't look the same every time.

Navigate through the app and try it out! If you want to start fresh, click the **Clear Pantry** button on the Pantry Dashboard.

4

Were you able to **add items to the pantry** using the Add Items Feature?

◯ Yes

◯ No

5

Were you able to **remove items from the pantry** using the Manage Items Feature?

◯ Yes

◯ No

6

After adding food in the pantry, **did the "Expiring Food Forecast" chart appear** on the Home page?

◯ Yes

◯ No

7

On the Planning Dashboard page, set **Max Missing Ingredients to 4** (under the Recommendation Filters). Did at least three recipes pop up under Recommendations by Category (the first category is Breakfast)?

◯ Yes

◯ No

8

Following question 7, were you able to **select recipes from at least 3 categories** under Recommendation by Category? If so, **please select at least one recipe from three categories**.

◯ Yes

◯ No

9

Following question 8, Were you able to **assign a cooking date** to each of your selected recipes?

◯ Yes

◯ No

App Interpretability

Instructions:
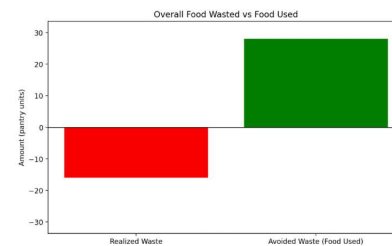
Please select the **Trash Expired** button on the Pantry Dashboard page (located in the sidebar). The following charts should look something like the following. Since the Sample Pantry button is randomized please use these graphs to answer the following questions.

There are no wrong answers here; the question is do they make sense to you?

10

Using the attached "Realized vs Avoided Waste" chart, **do you understand how much waste you're (hypothetically) generating**?
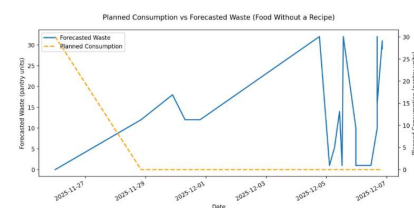
Realized vs Avoided Waste

◯ Yes

◯ No

◯ Unsure

11

According to the dates you picked, your "Consumption vs Waste Over Time" chart on the Homepage should look something like this. According to this image, **what date needs the most recipes assigned to**?
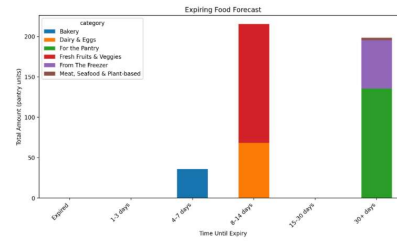
Consumption vs Waste Over Time

◯ 2025-11-27

◯ 2025-11-29

◯ 2025-12-01

12

Based on this "Expiring Food Forecast" chart, **which food category has the most items expiring in the next 30 days**?

Expiring Food Forecast

◯ Bakery

◯ Dairy & Eggs

◯ Fresh Fruits & Veggies

◯ From the Freezer

◯ For the Pantry

◯ Meats, Seafood, & Plant Based

Finale

13

Did you survive the journey?

◯ Yes

◯ No

14

Overall App Rating

☆ ☆ ☆ ☆ ☆