Food Saviour Group C

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Peer Testing Report - 1

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Participant name	Status	Type of evaluation	Admin
Joonsik Kim	Completed	User	Paul Gray
Andrew Dunn	Completed	Think Aloud	Paul Gray
Jordan Ribbink	Completed	User	Mitch Hussack
Ryder Van Oerle	Completed	Think Aloud	Mitch Hussack
Jordan Colledge	Completed	User	Anshul Dhariwal
Michael Vallido	Completed	Think Aloud	Anshul Dhariwal
Riley Comer	Completed	User	Sydney Fang
Gabriel McLachlan	Completed	Think Aloud	Sydney Fang

Current System and Objectives

The objective of Peer Testing 1 is to make sure the basic functionalities of each feature is working. Specifically, in this milestone five features will be tested.

1. Home Page Navigation to the Registration Page and Login Page
2. Registration System
3. Login System
4. Metrics Form
5. Admin System

To date, our system will have three main users: visitors, admins and organisations.

Our system is a food waste management system that allows individuals or organisations to track and visualise the distribution of their food waste. Currently, our system has a login and register function with data validation, an admin page where administrators can add or edit organisations, and a home page with a basic metrics input form and organisation page.

Feedback Priority: High - Medium - Low - Positive

Visitors

Visitors will be users who will have the ability to navigate the website without having to create or login to an account. They will have access to the organisation blog and the main page.

Scenario

You are a research student browsing through Google searching for statistics on ways to recycle food so that it does not all go to waste. The first two links that popped up on your search did not help you, so you went back to try the third link. You click on the third link. The third link brings you to FoodSaviour's website.

Your goal is to navigate to the register and track some food waste metrics.

Tasks
1. Register an account
   a. Did you find it easy to know where to go and register for an account?
      i. Easy to understand
      ii. registration system was clear in the requirements
      iii. didn't specify the error when invalid information was entered
      iv. Good protection against registering the same username or using a password that is the same as username/email
2. Navigate to the metrics page and fill out the metrics form
   a. What do you think of the metrics system?
      i. Straightforward
      ii. Make it so once done the form, it returns you to the tracker page instead of form page
      iii. Had a tough time finding the record metrics button (too small and in very top left corner)
      iv. Navigation is missing to go home
      v. When a number with a significant amount of decimals is entered on the second form entry, the form doesn't submit
      vi. The buttons above metrics form should be clickable
      vii. Accidentally clicking record metrics and then again on Food Saviour home button causes user to go straight home
      viii. Have a submit and a submit & done button, so user can input more metrics or return to tracker page
      ix. Up and down arrows in input fields are too small
      x. Increments of up and down arrows is too small
      xi. Mobile view for metrics page is very small and hard to read/use
      xii. Having next buttons on right then submit button on left is confusing

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          xiii.   Have metric from on a different page so that you can pre-render tracker page which help you save resources

          xiv.   Change the colour scheme of the Metric page to indicate the active option on the form

    b. Do you understand what the metrics page does?
        i.   Yes, it's quite straightforward to use
        ii.   Not confident on the purpose of metrics page, as input data does not do anything yet

3. Logout from account
    a. Was it easy to find the logout button?
        i.   Very easy, the logout button in the top right feels natural and is clear

4. Log back into your account
    a. What do you think of the login/register process?
        i.   Login page has nice visuals, however social network icons aren't there yet
        ii.   fully functional and works well
        iii.   Username is not case sensitive, but password is
        iv.   Could use forgot password function

5. Navigate through home page
    a. What are your views about the Home page?
        i.   Change "Hello, username" to "Hello, First name"

Admins

Admins will be able to oversee the website and create/delete and edit user accounts as they please. They also have complete control over the website contents and will be able to modify the discussion boards and blogs as they please.

Scenario

You are a professor doing research on food waste and solutions, and have partnered with the Food Saviour platform in order to monitor your client organisation's food waste data as they input it into the platform. You require an administrator account to create a group for your client organisation through the content management system and view their data.

Your goal is to create an administrator account and add a new organisation.

Tasks

1. Have an admin help you log into the Django CMS admin hub using an admin's credential
2. Create a new organisation using the site's content management system
    a. How difficult was it to find where to create the organisation?
        i.   Easy to find if you know what you're doing, Django's CMS is quite intuitive

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ii. Not clear that admin button is a link, looks like a title saying user is admin

iii. Not clear whether user should go to admin page or organisation page to create organisation

iv. No way to return to logged in home page after entering CMS admin page

   b. Do you know the difference between "OrgGroups" and "Organisations"?

      i. Yes, the naming of them makes it quite simple to understand the differences

      ii. Not clear to user why they need Organisation and OrgGroup (what is purpose of OrgGroup)

3. Create an "OrgGroup" from the site's management content system

   a. What are your thoughts on the Django content management system?

      i. Makes everything quite simple and is very intuitive and visual

      ii. Not hard for new users with basic knowledge

      iii. If there is a way to take away some of the sidebar options that aren't used that could reduce clunk

      iv. More frequently used options like adding an organisation should be near top of page

   b. How difficult was it to find where to create the organisation group?

      i. Same as organisation, easy once you're in the admin view

      ii. Little more difficult to understand how to make an org group itself as it's a little different than organisation

      iii. Not clear what user to select

      iv. Cannot name an OrgGroup

4. Verify on the organisation page to make sure that an organisation is added

   a. Not clear how to revisit home

   b. Appears to log you out when you use django CMS button or open example.com button

5. Logout from admin account

   a. Did you find it difficult to locate the logout button?

      i. Yes, the admin logout button is quite difficult to find and seems almost hidden within the nav toolbar

Side Notes:

- No padding/margins between org groups and food metrics graphics on home page
- When the window is made extremely small on home page (both width and height), the food metrics graphic gets pushed into the upper nav bar
- Should automatically go to home screen if an account is already logged in
- Should hide organisation page if user has no organisation to avoid error

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Organisations

Organisation/Store managers will be able to log into the website to view the Organisation page. They will have control to add members to the Organisation and assign roles. The page will also be the means for them to record different metrics on food waste management which they will be able to share with other members of the organisation.

Scenario

You are a Store Manager and you have recently signed with Food Saviour. You have access to an elevated account called Organisation/Group Admin which allows you to add other users to your organisation.

Tasks

1. Navigate to Organisation page
   a. Any thoughts on the organisation page?
      i. Add a navbar and provide proper security to handle organisation and normal users
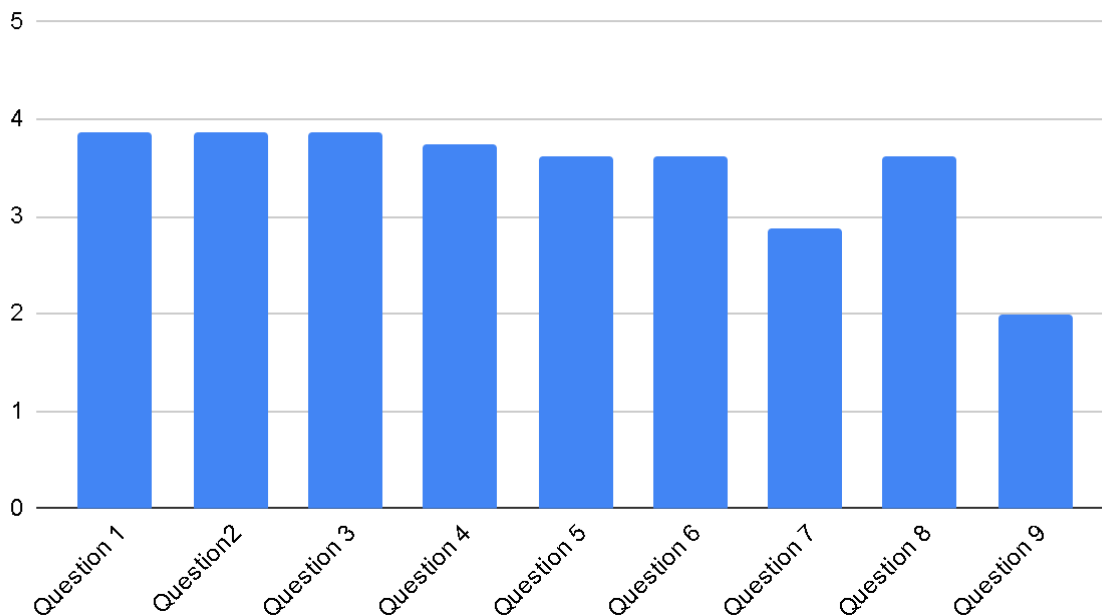   ii. Try more features related to Organisation like having an instance of "OrgGroups"

Final Questions

- Do you have any suggestions on the current overall functionality of the system?
  - Integrate a better navigation system around the website
  - Root URL should be the home page
  - Home/admin buttons not clear in navbar
  - Logged in home page and metrics page on mobile needs fixing
  - No navbar in trackers page
  - Some links in same position after load, so double click can accidentally send them somewhere else
  - Only display 10 recent graphs per category to reduce the website load
- Do you have any suggestions on the "Data Visualization" functionality?
  - What kind of graph(s) would you like to see?
    - Both participants said that they think pie charts and stacked bar charts will most likely be the best options for what we are recording once we have different waste types
- What was the easiest task?
  - Create organisation
  - Logging in/out
  - Registration
- What was the hardest task?

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○ Logging out of admin page, the CMS doesn't have a great indicator of where to press to logout
○ Finding out how to record metric

Heuristic Evaluation Graph

Average Heuristic Scores

This chart displays the average score from each heuristic, where 1 corresponds to Strongly Disagree and 5 corresponds to Strongly Agree. Each average is made up of eight scores, one from each participant. Any quoted comments relating to heuristics are included in issues and feedback outlined previously. The heuristics in question are as follows:

- Question 1: *The system design affords good visibility of the system.*
- Question 2: *The presentation of information and objects in the system resembles how things are in the real world.*
- Question 3: *The system allows the user to maintain control and provides the user with freedom to do what is needed.*
- Question 4: *The system's design is consistent with how other software is designed.*
- Question 5: *The system has mechanisms in place to help me not make mistakes when using it.*
- Question 6: *I can figure out what needs to be done in the system even if I can't remember exactly what the commands are.*
- Question 7: *To complete a task in the system, I have a choice in the commands I use.*
- Question 8: *The design of the system is simple, clear, and aesthetically pleasing.*
- Question 9: *When I get stuck, the system has help and documentation to help me figure out what I need to do.*