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I. Heuristic Evaluation:

Our heuristic evaluation was made taking into account Jakob Nielsen's rules:

1. The user is informed about the status of the system. In our case that translates to the feedback the user, in particular the amount of food and water a specific bowl has and how many dogs are registered in the account.

2. The system speaks the intended user's language. With 3 simple "home", "bowls" and "options" main menus, the user can easily understand the interface.

3. While the interface does not allow the user to redo (or undo) specific actions, the interface is for quick use. For example, if you mistyped the dog's name, you can erase and register again the same dog in very few steps.

4. The interface correctly displays all options. We really don't have two different actions that could mean the same thing, so it's nearly impossible for the user to wonder what every action does. Also, the displayed buttons and options are easy to understand.

5. We don't have confirmation pop-ups. Instead, the user need to confirm by himself (or herself) the action. For example, if the user accidentally clicked on the option to register a new dog, he/she have to name it and type a serial number before the interface adds the dog. If the user accidentally clicked on the option to erase a dog, you have to click on the dog and then click in the "erase" option. With this, it is difficult for the user to have mistaken.

6. Since the only type options present in the interface are the dog's name and the serial number, there is no need for the applications to suggest possible results, since the probability of the suggested name being the registered dog's actual name is nearly impossible.

7. We don't have any accelerators for more advanced users, but since the objective is there refilling of the bowl, there is no need for advanced settings.
8. The interface is minimalistic and simplistic. Only available options are showed in the menus and additional information only appears when needed.
9. Error messages are displayed in plain language with no code used (when entering an email or a name during sign-up, when registering a new dog, etc.)
10. Our interface does not have a Help page.

II. Model extraction:

For the Model Extraction evaluation, we took into account two of our Personas profiles:
- A young adult who lives alone with his 3 dogs but works almost all day.
- A married woman with kids wo keeps an active role in society.

We used our prototype for the evaluation, showing them the log in/sign up page, the home page with one dog already added, the add/delete bowl page, the adding a new dog page and the options page.

For the first user, we asked Rodrigo for help. He is a 28 years old Mexican who has been living in an apartment for the past year. He works in an insurance and bonds company as a client manager. He got a dog 4 months ago, but his work prevents him of spending too much time with him.

While applying the evaluation, this were our findings:
1. Sign up/ log in: He correctly stated what both of the choices did and the backtracking option.
2. Home page: He understood that one bar was for water and the other one for food. He made no mention of the refill icon.
3. Bowls page: He understood that the + icon was for adding a new dog and the – icon was for deleting one.
4. Adding a new dog: He was unsure if a serial number was actually used.
5. Options page, he understood all possible options.

For the second user, we asked Leticia for help. She is a 53 years old Mexican. She has been married for 31 years and has 3 sons.

While applying the evaluation, this were our findings:

1. Sign up/ log in: She understood what both options mean.
2. Home page: She understood the meaning of both bars and the refill icon.
3. Bowls page: At first glance, she thought that the + abd – icons were used for increasing and decreasing the amount of food. After a few seconds, she understood that the buttons were for adding or deleting bowls.
4. Adding a new dog: She understood all possible option, including the serial number.
5. She understood the "feedback", "about us" and "sign out" option. On the other hand, she thought that the display of the username and email were customizable options.