



NOVA SCHOOL OF
SCIENCE & TECHNOLOGY

Interação Pessoa-Máquina

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Track & Taste

Stage 6: Evaluation Results



Authors:

67535, Diogo Pinto
70525, Francisco Silva
70596, Martim Latas
63703, Rodrigo Costa

Lab class N°4

Group N°31

Professor:

Teresa Romão

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Heuristic Evaluation

Number	Problem	Heuristic	Description	Severity	Suggestion	Solution
1.	Unable to Edit or Undo Recipes	- User Control and Freedom - Error Prevention	Once a recipe is created, users cannot edit or undo it, making it difficult to fix errors or adjust inputs.	Minor	- Add an "Edit" button to allow modifications to recipes. - Provide an "Undo" option immediately after creation. - Add a confirmation step before finalizing a recipe.	Even though this was a feature we wanted to add and is expected for an application like this, we decided to focus on other features instead. This was a problem that was correctly identified by our colleagues.
2.	Unable to remove a recipe from the recipe tracker page	-User Control and Freedom	After a recipe is added to the tracker, it can't be removed	Major	- Provide a remove option for the calorie tracker	A remove button was added, this will decrease the amount of calories tracked and remove the recipe container on the page. Image 1.
3.	Incomplete Dish Image	- Match Between System and Real World - Visibility of System Status - Aesthetic and Minimalist Design	Recipe cards show a small photo of the dish, but when clicked, users can not view the full image to see how the dish looks	Cosmetic	- Allow users to view the full-sized image of the dish when clicking on the photo. - Provide a "Zoom" or "View Full Image" option to enhance clarity.	We decided to finally add the recipe's image to the recipe page. We wanted to implement this before the previous deadline, but had to commit to other features first. Image 2.
4.	Recipe Creation Without Login happens.	- Error Prevention - Consistency and Standards	The system allows users to create recipes without logging in, which may lead to confusion about ownership or future access.	Catastrophic	- Require users to log in or sign up before creating a recipe - Provide a clear message explaining the need for authentication.	We finally added that check for when a user is not logged in. We realize this should have been added before, so we decided to fix it. Image 3

5.	"This week" parameter in Calories Tracker doesn't update	- Visibility of System Status	When adding a new recipe the calories are not added to the "This week" parameter.	Cosmetic	- Make the "This week" parameter dynamic by updating the values when a new recipe is added.	Finally, the number on "This Week's Calories" updates. This was a feature that should have been added before, but it's no longer just a static number, updating when a user tracks/untracks a recipe Image 4.
6.	Lack of Recipe Categories	- Flexibility and Efficiency of Use - Recognition Rather Than Recall	The system does not provide recipe categories (e.g., breakfast, vegetarian, desserts), making it harder for users to browse efficiently	Minor	- Add predefined categories to organize recipes. - Allow users to filter or sort recipes based on categories.	We realize this was a feature we wanted to implement, but unfortunately were unable to, as we prioritized the main functionalities of this application. We still understand that this is a Heuristic that we missed.
7.	Empty recipe creation allowed	- User Control and Freedom	It is possible to add a recipe without filling any of the fields, allowing the creation of a recipe without passing any information	Major	- Make the fields in the add recipe page mandatory before allowing the user to add the recipe	We realize our mistake in not adding a check for that. Now, when incorrectly filling the data, a warning will tell the user which fields aren't correct. Image 5.

8.	Recipe time always in mins	<ul style="list-style-type: none"> - User Control and Freedom - Error Prevention 	When filling the time field in the add recipe page, after the recipe is added "mins" is always added at the end of this parameter. However, this isn't clear for the user when adding a recipe	Major	<ul style="list-style-type: none"> - In the add recipe page, allow the user to select a time unit from a selection menu 	<p>We understand how this might confuse some users, as a recipe can take more than an hour (or maybe even less than a minute). We decided to hint to the user to put it in minutes by changing the placeholder text there, but we understand there might be better solutions.</p> <p>Image 6.</p>
9.	Calorie tracker page completely deformats when adding more than 4 recipes.	<ul style="list-style-type: none"> - Visibility of system status 	If you add more than 4 recipes, the progress bar disappears from the screen and it is not possible to scroll. Additionally, the go back icon overlaps with the Calorie tracker header.	Catastrophic	<ul style="list-style-type: none"> - Add a scroll bar, and prevent the header from overlapping with other elements. 	<p>The calorie tracker page now should display correctly, and a scroll bar was added in case there might be more recipes to display to the user.</p> <p>Image 7.</p>
10.	Unable to add the same recipe to the calorie tracker twice.	<ul style="list-style-type: none"> - User control and Freedom - Error reporting, diagnosis, and Recovery 	If the user needs to add the same recipe to the tracker twice, although the received feedback says it was added successfully, the recipe is not added.	Major	<ul style="list-style-type: none"> - Allow a recipe to be added twice. 	<p>This error was correctly pointed out, as an application like this must at least do something like this. Now, instead of just tracking and untracking, the button can be pressed multiple times to track multiple times the calories of the given recipe.</p> <p>Image 7.</p>

11.	Unable to fully view the recently cooked recipes in the home page.	- Visibility of system status	In the homepage, the recently cooked recipes area is not fully visible, making it impossible to view all the information from the recipes in the bottom	Major	- Expand the recently cooked recipes area, and perhaps minimize the top picks of the week.	Although we didn't implement the minimize function for the top picks of the week (which would have been a good feature), we fixed some issues related to the recently cooked recipes section's display.
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Images

Image 1.

Recently Tracked Recipes:

Spaghetti Bolognese

Calories: 450

Rating: ★★☆☆

Remove



Image 2.

Spaghetti Bolognese

🕒 Time: 30 min

Difficulty: easy

🔥 Calories: 450

A hearty Italian pasta dish with a rich, meaty tomato sauce.

Rating: ★★☆☆




Image 3.

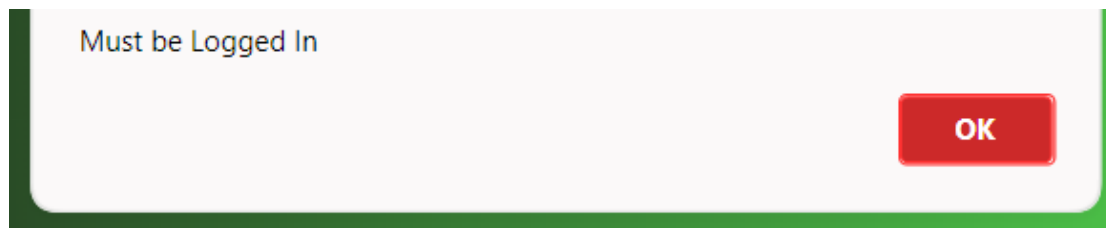


Image 4.

Calories Tracker

This week Progress: 9450

Last week Calories: 11,200

Daily Goal Progress: 450/4000



Image 5.

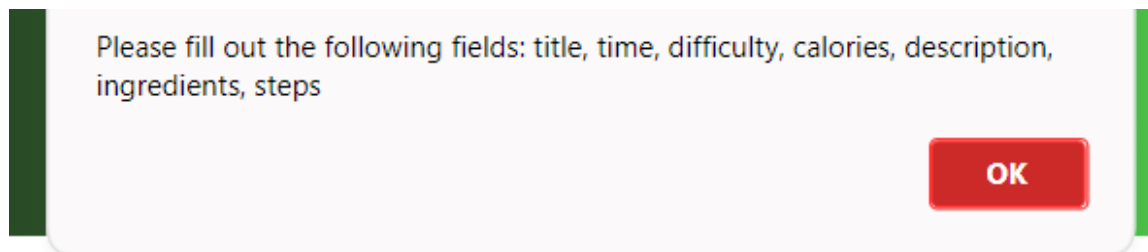


Image 6.

Title:

Time:

Difficulty:

Image 7.

Calories Tracker

This week Progress: 15400
Last week Calories: 11,200
Daily Goal Progress: 6400/4000


Recently Tracked Recipes:

Beef Tacos

Calories: 400

Rating: ★★★★★

Remove




Beef Tacos

Calories: 400

Rating: ★★★★★


Remove



Beef Tacos

Calories: 400

Rating: ★★★★★



Beef Tacos

Calories: 400

Rating: ★★★★★

