A picture containing text, clipart

Description automatically generated

**Interação Pessoa-Máquina**

**2023/2024**

**CartGuru**

Stage 3: 1st prototype

Uma imagem com clipart, emoticon, sorriso, desenho

Descrição gerada automaticamente

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**Sketches**

AAA

**Prototype photos and link**

AAA

**Storyboards**

AAA

**Briefing**

Our app, CartGuru, was created with the purpose to give our client the necessary information to make conscious decisions with their purchases in what supermarket.

The app has the feature to create a shopping list and find the best supermarket according to the user’s criteria, for example location, price, etc. It’s also important to note that the prices get update via a well-established community. Finally, we also have another feature to track expiry dates and receive notifications before your products get spoiled.

**Scenarios**

Scenario 1

Mrs. Jane was on her way home after work thinking about what she could make for dinner, she immediately thought of making açorda, however she remembered that her husband and kids ate toasts with the remaining bread for breakfast. The store she usually goes to is quite far from her way home, so she decides to try CartGuru, a mobile app she recently downloaded, that let’s her find products at the best price nearby. Mrs. Jane is in a hurry, so she wants to find the route to a store that sells bread within 50 meters of her current location.

Scenario 2

Mr. Samuel is an avid CartGuru user, so he already has an account and frequently interacts with the community. A few days ago, he saw a post in the community of a chocolate bar he never tried, so while he was shopping, Mr. Samuel went to the chocolate aisle and found out it was even cheaper in his supermarket of choice. To alert other users, Mr. Samuel decided to share it on CartGuru.

Scenario 3

Mr. Ruy loves caramel nuts, and the last time he went to the supermarket he overbought them as they were on sale, but, unfortunately, he couldn’t eat all the nuts within the expiry date. Mr. Ruy told this story to a friend of his, Mr. Samuel, which in turn recommend him CartGuru to take note of expiry dates and receive notifications to avoid it. Mr. Ruy listened to Mr. Samuel’s advice and the next he bought a nut sack, he registered the product’s expiry date in the app

Scenario 4

Mrs. Jane after eating an amazing açorda realized how useful the app was, she decided to explore the app a bit more, but soon realized she hadn’t deleted the bread entry from her shopping list, which she doesn’t need anymore.

**Observations**

Scenario 1

All the users that tested our app had trouble with this scenario, specifically what to do after logging in, to either user the search bar, go to the list tab or even the map tab. In some cases, the users chose the list tab or the map, which does not bring them a step closer to completing the scenario. This means that there are too many tabs in the bottom navigation bar and the default page is not the best option. To solve this problem, we need to consider a better default page, for example the list tab instead of the search, which would be removed completely.

No user tried to click the item entries in the search tab to get more information about a given product. To solve this problem, we might need to add a button that signifies more information.

Most users before adding a product to a list did not increment the unit counter, which starts at zero. A possible solution could be to replace the add to list button with the counter buttons and a delete button once the user added an item to the list.

Scenario 2

This scenario was easier to understand for the users, however some doubts still surfaced, specifically two users thought it was needed to add a product to the list before posting the price on the community. Once again, this problem is related to the search bar which is the homepage. The same solution mentioned in the scenario 1 could solve the problem.

Scenario 3

All users completed this scenario correctly at first try.

Scenario 4

This scenario was completed with ease by almost all users, however one user intuitively thought that after calculating the best supermarkets all items would be removed from the list and migrate to the pantry. To solve this problem there could be a button in the list tab that would send all entries to the pantry tab so that the user doesn’t need to add them one by one, only needing to confirm the expiration date.

Suggestions provided by the users:

* Filters in the shopping list functional.
* Be able to search for supermarkets.
* Favorite supermarkets.
* Write sign-up instead of sign-in.
* Receive a confirmation after adding an item to the list.