

Use Case #03: Filter recipes in the user interface
interface

Objective: Quickly access a recipe corresponding to the user's needs of the user in the recipes already received

Description:

The user should be able to filter recipes along two axes:

- 1- A **main bar** allowing to search for words or groups of letters in the groups of letters in the **title, ingredients or description**.
- 2 - Search by keywords in the ingredients, utensils or appliances.

Actor: User Document version: 1.3

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Responsible : Jean-Baptiste A. Mockup reference: #003

Preconditions : The user is on the recipes page

Nominal scenario

1. The use case starts when the user enters at least **3 characters** in the main search bar.
2. The system searches for recipes matching the user input in: **the recipe title, the recipe ingredient list**
3. The interface is updated with the search results
4. The **advanced search fields** are updated with the **ingredient information, utensils, apparatus** of the different **remaining** recipes
5. The user specifies his search through one of the fields: **ingredients, utensils, appliance**.
6. As you fill in the keywords that do not correspond to the keystrokes in the field, they disappear.
field disappear. For example, if the user enters "coconut" in the list of ingredients, only "coconut" and "coconut milk" will remain.
7. The user chooses a keyword in the field
8. The keyword appears as a tag under the main search
9. The search results are updated, as well as the items available in the advanced search fields
10. The user selects a recipe

Alternative Scenario A1

A1. No recipe corresponding to the search

Sequence A1 starts at point 3 of the nominal scenario

3. The interface displays "No recipes matching your criteria... you can search for "apple pie", "fish", etc.

L'interface affiche « Aucune recette ne correspond à votre critère... vous pouvez chercher « tarte aux pommes », « poisson », etc.

Alternative Scenario A2

A2. The user starts his search with a tag

The A2 sequence begins at point 1 of the nominal scenario and continues at point 9 of the nominal scenario.

1. The user starts the search with a tag.
2. The search results are updated, as well as the items available in the advanced search fields advanced search fields (9 of the main case).

Alternative Scenario A3

A3. User adds more tags for advanced search

The A3 sequence starts at point 9 of the nominal scenario. This sequence can be repeated as many times as necessary

10. The user specifies his search with one of the fields: ingredients, utensils, device.
11. As you fill in the keywords that do not correspond to the keystrokes in the field the field disappear
12. The user chooses a keyword in the field
13. The keyword appears as a tag under the main search
14. The search results are updated, as well as the items available in the advanced search fields

Management rules

These points must absolutely be respected during development:

1. The search must be possible via the main field or via tags (ingredients, utensils or appliances)
2. The main search is launched from 3 characters entered by the user in the search bar
3. The search is updated for each new character entered
4. The main search displays the first results as quickly as possible
5. The ingredients, utensils and appliance fields of the advanced search only show the only the remaining items in the recipes on the page
6. The search returns should be an intersection of the results. If we add the tags "coconut" and "chocolate" in the ingredients, we must retrieve the recipes that have both coconut and both coconut and chocolate.
7. As for the rest of the site, the HTML and CSS code for the interface (with or without Bootstrap) must pass the W3C validator.
8. No library will be used for the JavaScript of the search engine