

**Interação Pessoa-Máquina**

**2022/2023**

# **Brew Station**

## **Stage 6: Evaluation Results**



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# Evaluation Results

No.	Problem	Response
1	Inconsistency in the inventory tab	All the categories should be dropdown menus, and they all should have a predetermined place without need for rearrangements.
2	Unused blank space	The blank space should be reduced. (Implemented)
3	Wrong input	Only numbers should be allowed when selecting how many beers to buy and also when adding the quantity of each ingredient in the inventory. (In beers we could not implement it but we changed it in the inventory)
4	Lack of feedback	The sign up was not implemented, that is why there is not any feedback. If it had been implemented, it would have feedback and the user would be redirected after signing up successfully.
5	Lengthy date input	The date input type should be changed to “date”. (Implemented)
6	Zoom problem in homepage	When clicking on an image in the homepage, the image should zoom to be highlighted but the triangle in the bottom right corner should stand still without zooming in too. (Implemented)
7	Use location is not very precise	When using the option “use location” in the events page, in some browsers it is not very precise but that is something that is out of our reach because it depends on the browser location. What we should have done was to use a different framework because the one we used was based on the ip address. This is bad because a user might lose the opportunity to see an event nearby.
8	Ingredients and brewing procedures should be in dropdown menus	The way the ingredients and the brewing procedures are presented should be changed to several dropdown menus, one for each category like malt, hops, yeast and the option to hide them individually would be great in order to reduce the amount of information on screen.
9	Characteristics are not interactive	The characteristics haven't been implemented as we wished, and they should have been interactive. For example, when adding more malts, the OG and ABV should increase, when adding more hops the IBUs should increase, etc.
10	Ingredients without units in the recipes	The units of each ingredient should be added to the quantity. So for example, when we have 5000 pilsner in the recipe, we should have 5000g pilsner in order to avoid any miss interpretations by the user.
11	Check inventory should be more user friendly	The check inventory option in the recipes should tell the user if there is any ingredient missing in his inventory in order to brew the beer and right now it is simply redirecting to the inventory page because we could not implement it.

# Figures demonstrating each problem

## Problem 1

KEEP TRACK OF YOUR INVENTORY

**Hops**

Beer	10	
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**Yeast**

Beer	21	
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**Other**

Beer	10	
Beer	10	

**+**

## Problem 2

Home Beers Events MyBrewstation Sign Up

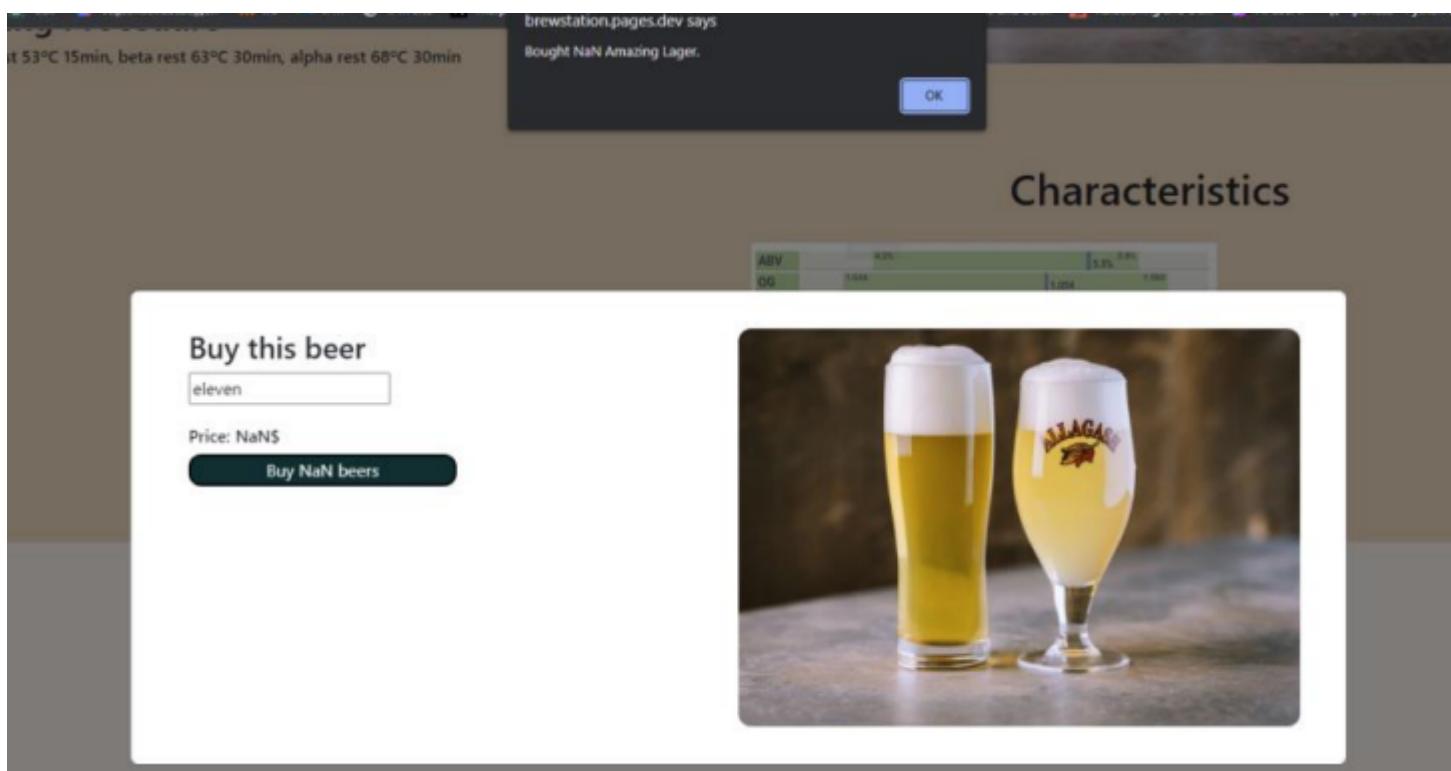
**BREW STATION**  
Brew beer like a pro

Filter Results

**SEARCH FOR BEERS AND RECIPES**

Search:  Sort by:

## Problem 3



## KEEP TRACK OF YOUR INVENTORY

### Fermentables

Beer

random



### Problem 4

## SignUp

Username

Password

Confirme password

Confirme

### Problem 5

#### Add an event

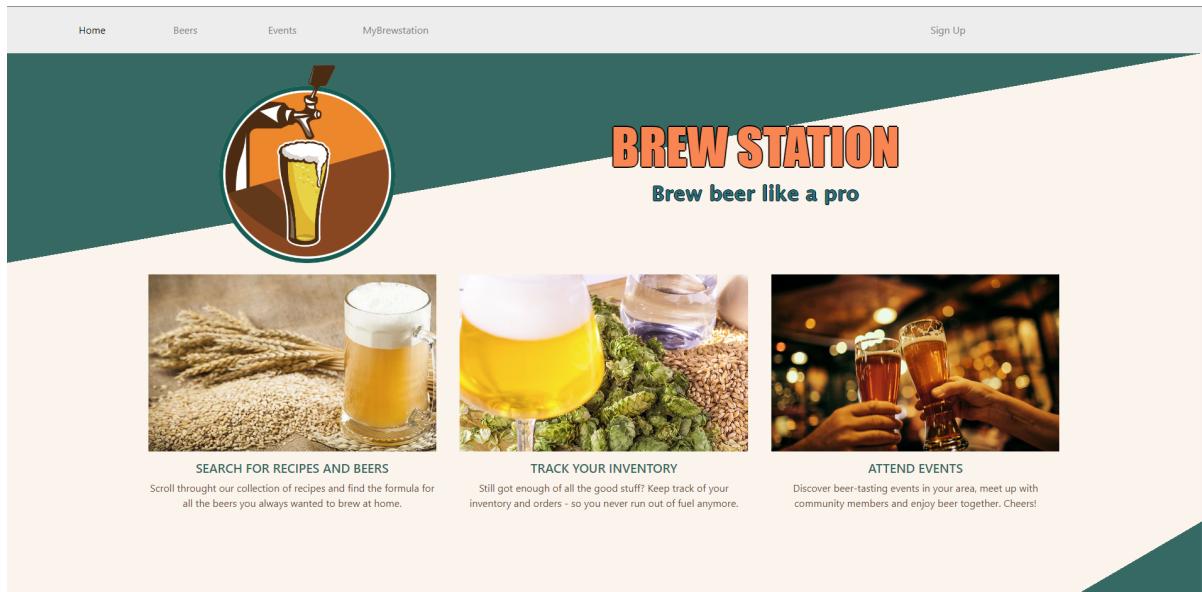
Name

Description

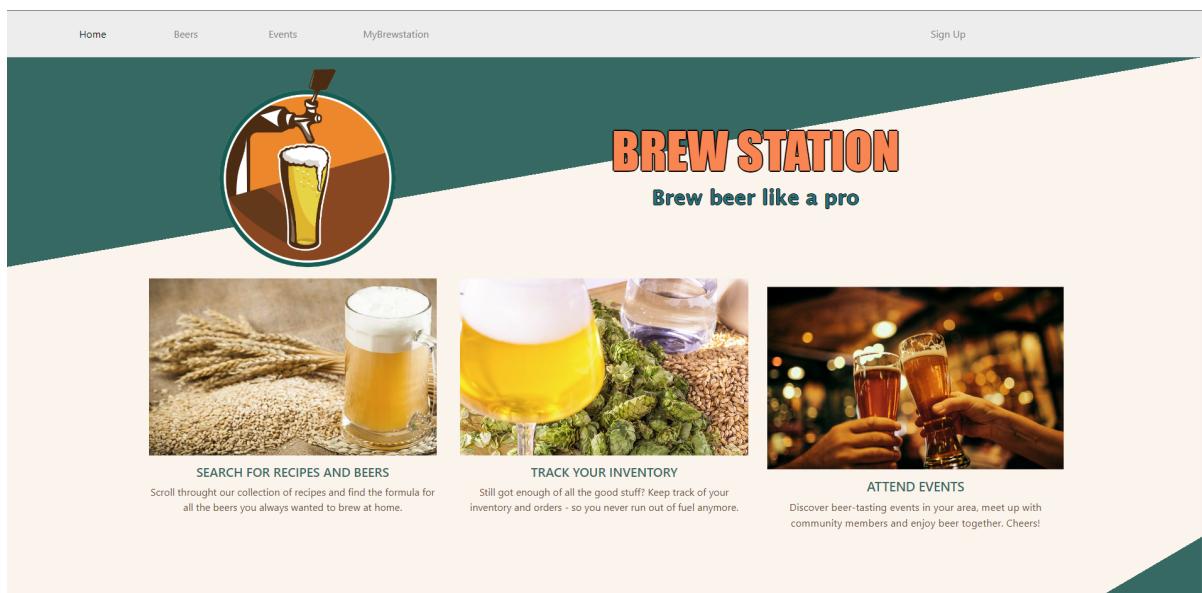
Date

## Problem 6

Before putting the cursor over the image



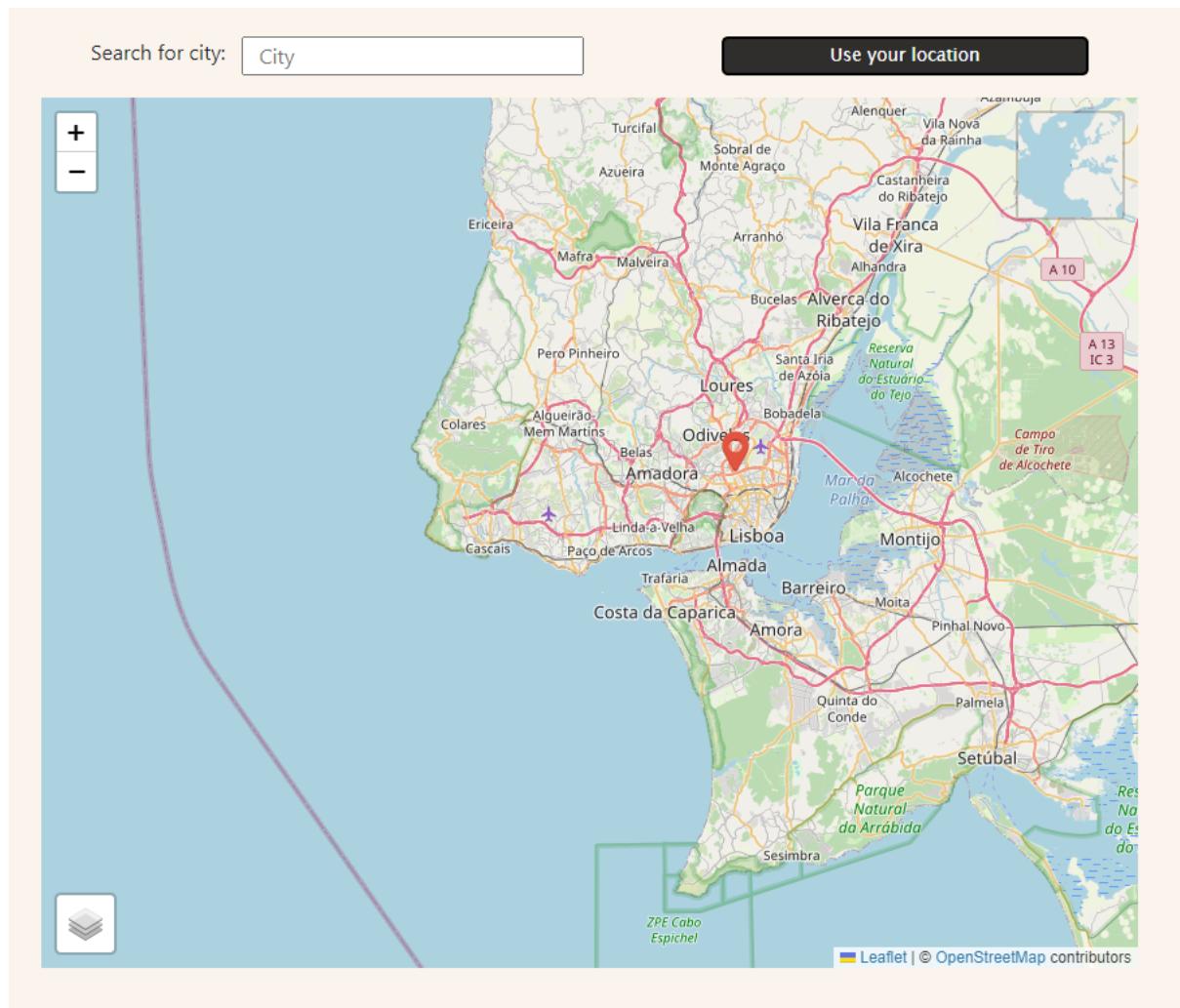
After putting the cursor over the image (Easier to perceive when watching the animation)



Here the bottom right corner triangle is smaller than the triangle from the image before, because the animation is unformatting the page.

## Problem 7

I'm in Oeiras and the GPS in my browser says I'm in Lisbon and then I might not be able to see events nearby, for example in Cascais because it is too far away from Lisbon.



## Problem 8

**Amazing Lager**  
Reinventing an old classic

**Ingredients**

Malt: 5000 pilsner, 1000 carapils  
Hop: 30 saaz 4%  
Yeast: 4 wlp

[Check inventory](#)

**Brewing Procedure**

protein rest 53°C 15min, beta rest 63°C 30min, alpha rest 68°C 30min



## Problem 9

# Characteristics

ABV	4.2%	5.5%	5.8%
OG	1.044	1.054	1.060
FG	1.012	1.013	1.017
EBC	5.7	6.9	11.8
IBU	30	41	45
BU/GU	0.58	0.75	0.87

## Problem 10

# Ingredients

Malt: 5000 pilsner, 1000 carapils  
Hop: 30 saaz 4%  
Yeast: 4 wlp

## Problem 11

When you click in “Check inventory” it only redirects you to the inventory page.

The screenshot shows a beer listing for "Amazing Lager". The top navigation bar includes links for Home, Beers, Events, MyBrewstation, and Sign Up. The main content area features a circular logo on the left and a "BREW STATION" logo with the tagline "Brew beer like a pro" on the right. The beer listing includes the name "Amazing Lager", the subtitle "Reinventing an old classic", a "Check inventory" button, and a list of ingredients: Malt: 5000 pilsner, 1000 carapils; Hop: 30 saaz 4%; Yeast: 4 wlp. To the right of the listing is a photograph of two glasses of beer, one labeled "ALLAGASH".

The screenshot shows the inventory management interface. The top navigation bar is identical to the previous screenshot. The main area features a large "KEEP TRACK OF YOUR INVENTORY" callout with a plus sign icon. Below this is a "BREW STATION" logo and tagline. A modal window titled "Other" is open, showing a table with a single row: "nutrients" in the first column, "5" in the second column, and a trash can icon in the third column.