QA and Testing Assignment

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Assessor	Anthony El Khoury
Email	202110356@ua.edu.lb

Introduction

This document presents the QA and testing report for the Kiosk Software developed by Upscale Hub. The purpose of this assignment is to ensure that the key features of the software are functioning correctly, are user-friendly, and meet the specified requirements.

The testing process focuses on the frontend components of the software. Test cases were written for several core features including navigation through various pages, input validation, multi-language functionality, and transaction flow. This report documents the test cases, expected outcomes, actual results, and any issues encountered during the testing phase.

The objective of this testing effort is to identify any discrepancies, ensure that the software performs optimally under different scenarios, and enhance the overall user experience. Any failed tests are thoroughly documented, detailing the steps followed and the corresponding recommendations for remediation.
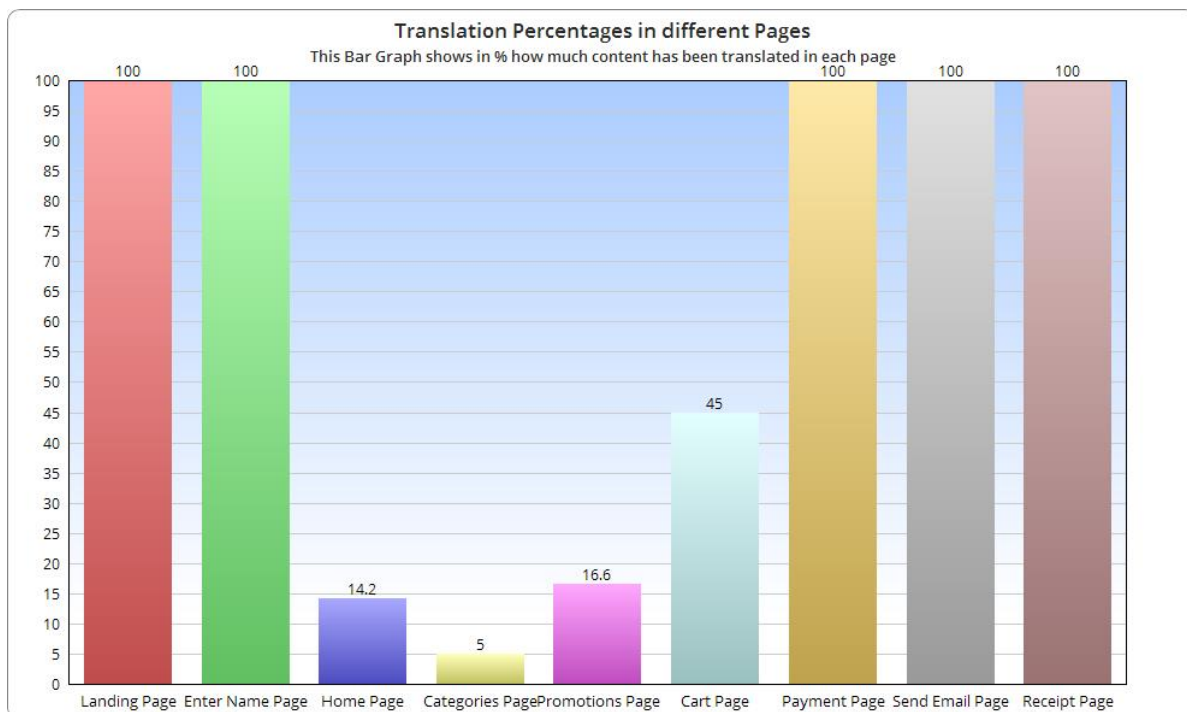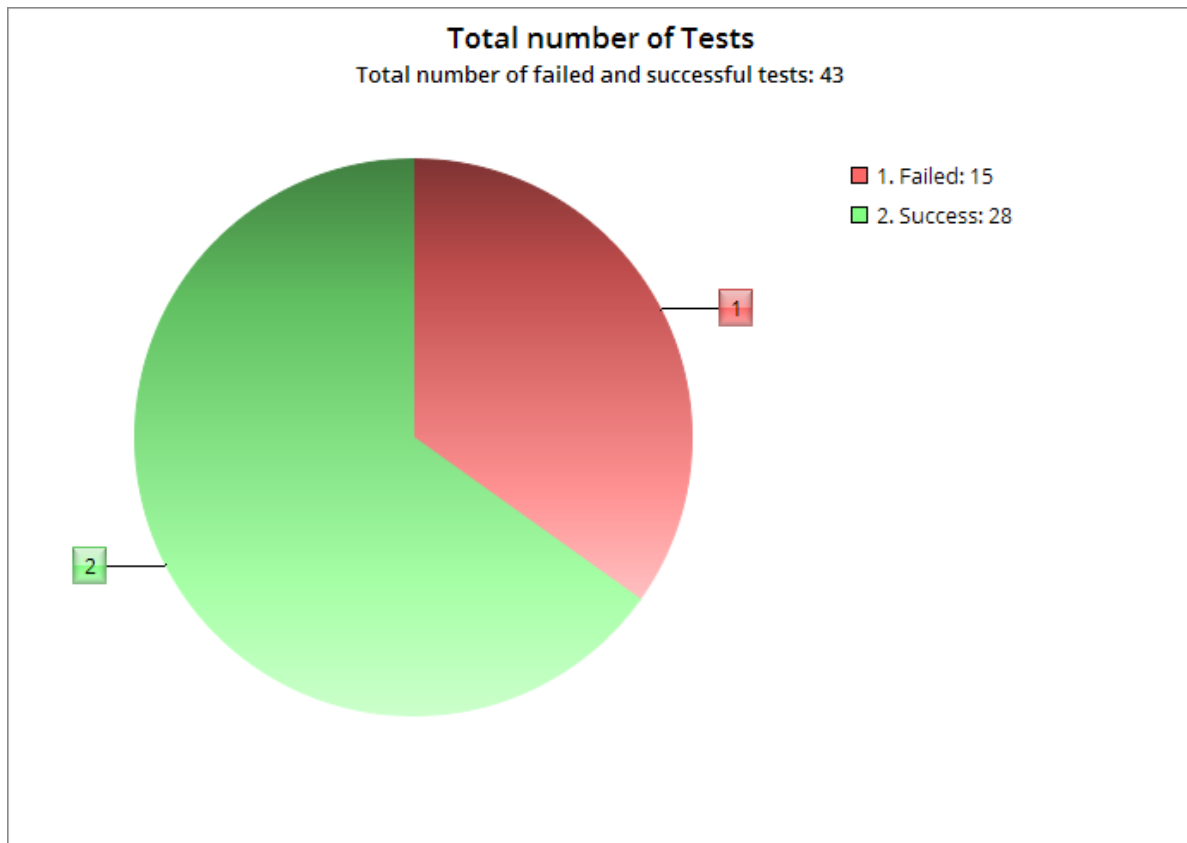
Executive summary

This QA and Testing Report evaluates the Kiosk Software designed to enhance customer interaction in a restaurant setting. Throughout the testing process, a comprehensive examination of the software's functionalities revealed several critical areas requiring improvement.
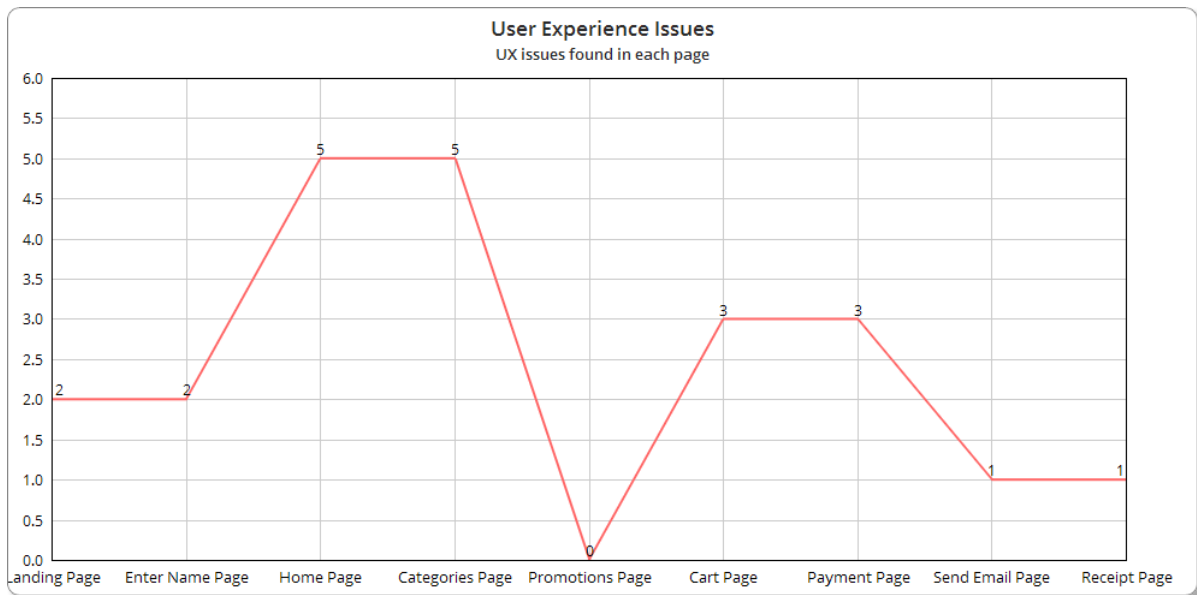
<u>Key findings:</u>

1. **Website Security:** A significant concern is that the website operates over HTTP rather than HTTPS. This exposes users to potential risks, such as data theft and man-in-the-middle attacks, ultimately undermining user trust and safety.
2. **Translation Inconsistencies:** While the software generally performs well in translating content between French and English, inconsistencies exist across various pages. Certain elements remain untranslated, which could hinder usability for French-speaking customers.
3. **Cart Glitches:** A serious issue was observed within the cart functionality. Users experienced item duplication when adding or removing products, while the total price remained unchanged, leading to confusion and inaccuracies in order processing.
4. **Missing Functionalities and Information:** The "Send Email" feature was found to be non-functional, with no receipts being delivered to users' email addresses. Additionally, the receipt lacks essential details such as the order number and itemized lists of purchased products. On the Extras page, some options could not be selected due to overlapping interface elements. Furthermore, phone number validation is ineffective, allowing any input without proper verification, including the absence of SMS confirmations.
5. **Overall Design and Usability:** The design of the website requires significant refinement. Issues such as overlapping buttons, inconsistent sizing, and text visibility problems disrupt user experience. Moreover, the website's responsiveness needs improvement, as several elements fail to adapt appropriately to various screen sizes.

In conclusion, while certain features of the Kiosk Software are functional and effective, multiple areas necessitate immediate attention from the development team. Addressing these issues will not only enhance the overall performance of the software but also improve customer satisfaction and trust in the system.

Some Visual Data Representations

Total number of Tests
Total number of failed and successful tests: 43

- 1. Failed: 15
- 2. Success: 28

Translation Percentages in different Pages
This Bar Graph shows in % how much content has been translated in each page

Page	Percentage
Landing Page	100
Enter Name Page	100
Home Page	14.2
Categories Page	5
Promotions Page	16.6
Cart Page	45
Payment Page	100
Send Email Page	100
Receipt Page	100

User Experience Issues
UX issues found in each page

Test cases

Front-End

#Page-01 Landing Page

Severity: <u>Low</u>

Description: The landing page features a language selection menu for French or English and a slider showcasing appealing food images. Below, a "Touch to Continue" button allows users to navigate to the next step.

Test steps:

Step Number	Step Objective	Step Procedure	Expected results
TC_LP_01	Test text translation	1- Open the website's homepage. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately

TC_LP_02	Verify Functionality of the Continue Button	1- Open the website's homepage. 2- Find the touch to continue button where users can click on it in order to proceed to the next step 3- Verify if the button has successfully redirected us to the next page	Successful redirection to the next step
TC_LP_03	Check for "Not Secure" Notification on Website	1- Open any web browser 2- Navigate to the Kiosk website URL 3- Check the top left corner, before the website URL, and check if the "not secure" warning is there	The website should be showing a secure connection, and that it is served over HTTPS.
TC_LP_04	Check the console logs for any errors/warnings	1- Inspect element 2- Observe the console and check for any errors or warnings.	On a deployed website, it is usually preferable for the console to be clean and empty. Too much logs on it may affect the website performance, or even leak important data.

TC_LP_01:

Images:
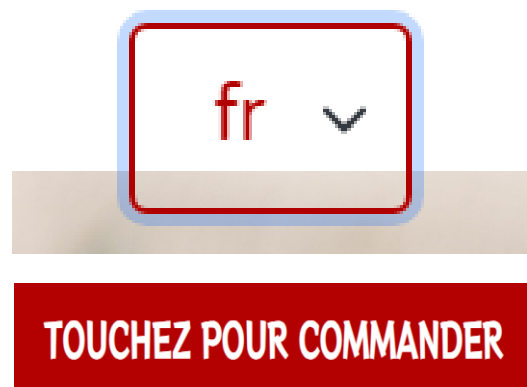
Actions Taken:

The testing process started by opening the Kiosk Software interface. Upon inspection, the availability of English and French language options was observed. The correctness of the button text in English was verified, confirming it was displayed accurately. After selecting the French language option, the button text was reassessed and also found to be correct. This made the step a success.

TC_LP_02:

Images:

Actions Taken:

The "Touch to Continue" button was clicked, redirecting us to the "Enter Your Name" page. As illustrated in the images above, this action successfully transitioned the URL from http://161.97.147.177:6190 to http://161.97.147.177:6190/EnterName.

TC_LP_03:

Images:
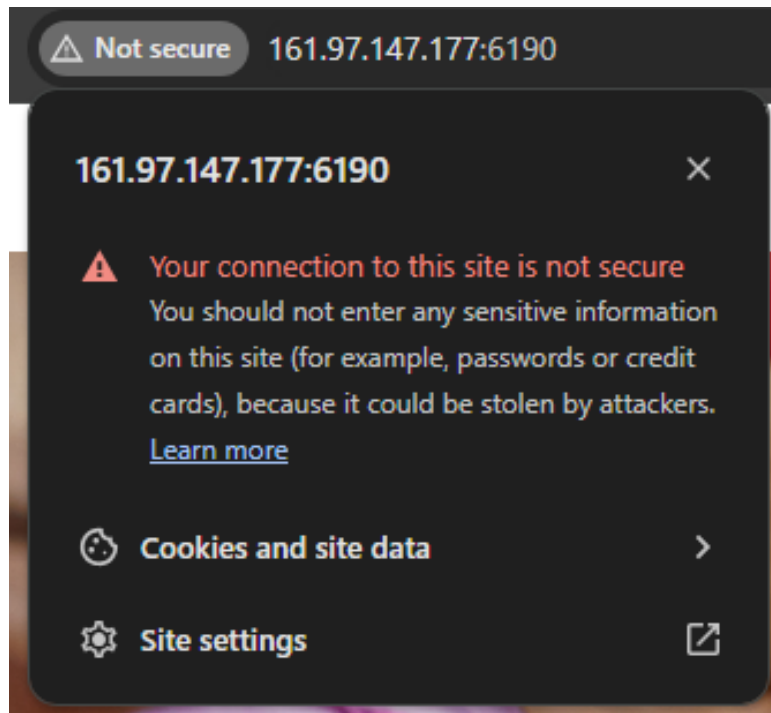
Actions Taken:

Upon first inspection of the website, the URL was checked, revealing a "Not Secure" warning preceding the website address. This indicates that the site is not served over HTTPS, presenting a significant security risk. The lack of encryption could deter customers from using the site or erode their trust, as sensitive information may be exposed to potential security breaches during transactions. This concern flagged the test as a failure.

TC_LP_04:

Images:

Actions Taken:

A right-click was performed anywhere on the website, and 'Inspect Element' was selected to open the browser's developer tools. Upon navigating to the 'Console' tab, we immediately observed that the console was filled with logs. Each navigation to a new page or click on any button resulted in additional logs appearing. As we continued through the ordering process, errors began to pop up in the console, further cluttering it. This behavior was consistent throughout the test, leading us to mark this test case as a failure.

#Page-02: Enter Name Page

Severity: High

Description: The "Enter Your Name" page includes a language selection feature for French or English. It displays clear prompts instructing users to input their names. Users can choose to cancel their action or proceed by clicking the "Continue" button.

Test steps:

Step Number	Step Objective	Step Procedure	Expected results

TC_ENP_01	Test the accuracy of the translations	1- Get to the Enter Your Name page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_ENP_02	Ensure that entering a valid name and clicking the "Continue" button leads to successful navigation to the next page	1- Insert valid username 2- Click on the "continue" button	Redirection to main page / saving the user's name
TC_ENP_03	Ensuring that the system prevents the user from proceeding without typing in a name	1- Navigate to the "Enter Your Name" page. 2- Leave the name input field blank. 3- Attempt to click the "Continue" button.	Blocking the user from being able to proceed to the next page/step
TC_ENP_04	Test if the name field enforces a reasonable character limit	1- Insert large number of characters inside the input	The system should not allow the user to input an infinite number of characters in the name input field
TC_ENP_05	Verify that the name field restricts the use of symbols, numbers and special characters to prevent unwanted behavior	1- Navigate to the "Enter Your Name" page. 2- Enter various combinations of invalid characters 3- Click the "Continue" button	The system should not accept any input that contains non-alphabetical English characters
TC_ENP_06	Test the name field with HTML and Javascript injections	1- Input HTML and Javascript code into the name field 2- Submit the form or trigger the next step to check how the input is handled.	The injections must be displayed as plain normal text. And not add a new HTML or execute the Javascript code.

TC_ENP_01:

Images:

en ⌄

Before you start...
Indicate your first name:

|

Cancel   Continue

fr ⌄

Avant de commencer...
Indiquez votre prenom :

Annuler   Continuer

Actions Taken:

The French language option was selected, and the text of the titles and buttons was verified to ensure the changes were applied correctly. Upon inspection, it was confirmed that the text had indeed been updated, resulting in a success.
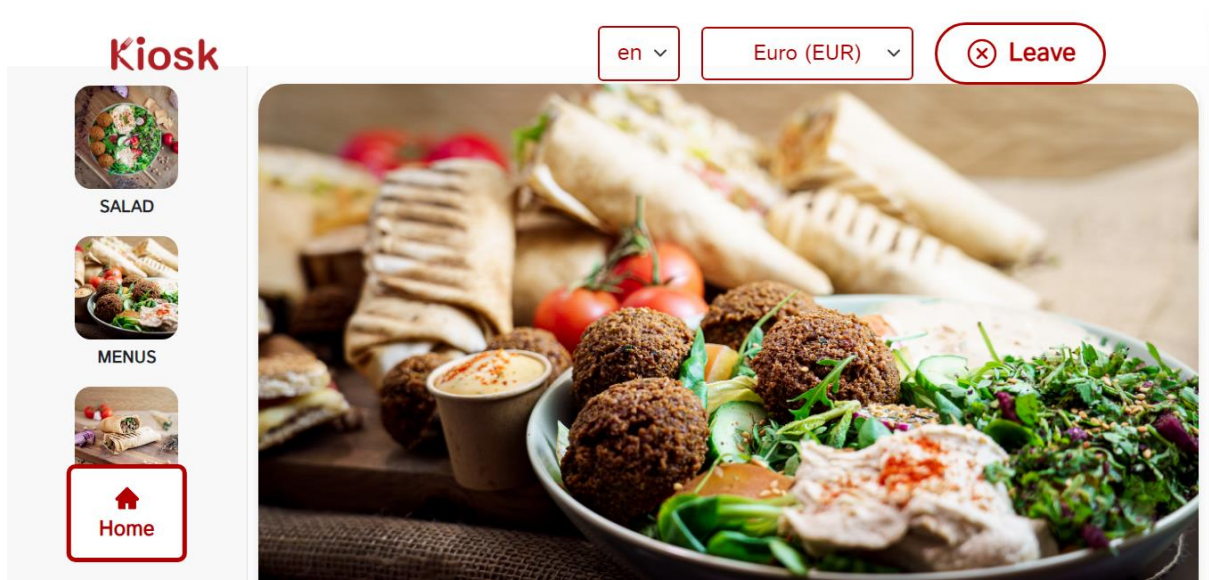
TC_ENP_02:

Images:

Before you start...
Indicate your first name:

ANTHONY

Cancel   **Continue**

Kiosk

en ∨   Euro (EUR) ∨   ⊗ Leave

SALAD

MENUS

🏠
Home

Actions Taken:

A valid name was entered, enabling the "Continue" button for interaction. Upon clicking the button, the user was successfully redirected to the next page.

TC_ENP_03:

Images:

Actions Taken:

The name input field was left empty, resulting in the "Continue" button being deactivated. This action effectively prevented the user from proceeding to the next step until the name field was completed, marking this as a success.

TC_ENP_04:

Images:

Actions Taken:

An excessive number of characters was entered into the input field, and the system allowed this input, indicating that no character limit has been implemented. This resulted in a failure.

TC_ENP_05:

Images:

Before you start…
Indicate your first name:

1234567890!@#$%^&*()_+你好

Cancel   Continue

Actions Taken:

Various numbers, symbols, and the word "hello" in Chinese were entered into the input field, and the system allowed these inputs. This indicates that there are no restrictions on the characters being typed, resulting in a failure for this test.

TC_ENP_06:

Images:

Before you start...
Indicate your first name:

<H1>TEST HEADING</H1>

Cancel   **Continue**

KIOSK

<H1>TEST
HEADING</H1>

Before you start...
Indicate your first name:

<SCRIPT>ALERT('XSS');</SCRIPT>

Cancel   **Continue**

Actions Taken:

The testing process began with HTML injection. Instead of typing in a name, the following HTML text was entered: '<h1> Test Heading </h1>'. The remaining steps were completed until reaching the receipt page. There, as shown in the image, the text was displayed exactly as entered, without rendering the HTML tags. Following this, the same test was conducted with JavaScript by inputting the line of code: '<script>alert('XSS');</script>'. Upon navigating to the receipt page again, no unusual behavior was observed, and no alert appeared; the text was displayed as it was. This indicates that certain security measures have been implemented for this input, successfully flagging the tests as <u>secure</u>.

#Page-03 Home Page

Severity: <u>High</u>

The Home Page of the Kiosk Software features a kiosk icon and language and currency selection options on the right, including Euros and US Dollars. A sidebar menu on the left allows users to navigate various food categories, revealing available dishes when clicked. Additionally, a promotional card leads to current promotions, while food cards below it have an unclear purpose. The layout aims to provide a straightforward and engaging user experience.

Test steps:

Step Number	Step Objective	Step Procedure	Expected results

TC_HP_01	Test the functionality of the Kiosk icon and the Home button	1- Open the Kiosk Home Page menu 2- Click on any food category from the sidebar menu 3- Click on the Kiosk icon at the top or the Home Page button at the bottom of the sidebar menu 4- Verify that the user is redirected to the homepage URL: "/homepage".	When either the Kiosk icon or Home button is clicked, the user is successfully redirected to the homepage.
TC_HP_02	Test accuracy of the translations	1- Navigate to the Home Page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_HP_03	Ensure that the currency prices on the products are being converted correctly	1- Navigate to the Home Page. 2- Select a currency. 3- Verify the conversion of the prices.	The prices for all products update correctly based on the selected currency (Euro or USD).
TC_HP_04	Test that the "Leave" button redirects the user to the previous page/step	1- Navigate to the Home Page 2- Click the "Leave" button	Clicking the "Leave" button should redirect the user to the Landing page
TC_HP_05	Test the functionality of the categories in the side-menu.	1- Navigate to the Home Page 2- Choose a desired food category group and click on it	Clicking on a food category should display the corresponding food items and their prices.
TC_HP_06	Making sure that the "Promotions" button navigates the user to the promotions page.	1- Navigate to the Home Page 2- Click on the "Promotions" button/card	Clicking on the promotions button should take the user to the page containing the promotions.
TC_HP_07	Check the clarity/purpose of the food cards under the promotions button	1- Navigate to the Home Page 2- Scroll down to the food cards 3- Click on one of these cards	The food cards should offer some kind of interactivity or functionality.

TC_HP_01:

Images:

161.97.147.177:6190/Categories

161.97.147.177:6190/HomePage

Actions Taken:

Clicking on a food gallery successfully changed the page to display the corresponding foods. The navigation was then tested by clicking on both the kiosk icon and the home button. In both instances, the redirection back to the home page occurred at the URL: "/homepage". This test was marked as a success.

TC_HP_02:

Images:

Actions Taken:

The French language option was selected to check the translations in the Kiosk Software. It was observed that not all texts were translated, particularly in the left side menu for the food categories, which remained in the default language. This inconsistency indicates that the test didn't pass, highlighting a failure in the localization process.
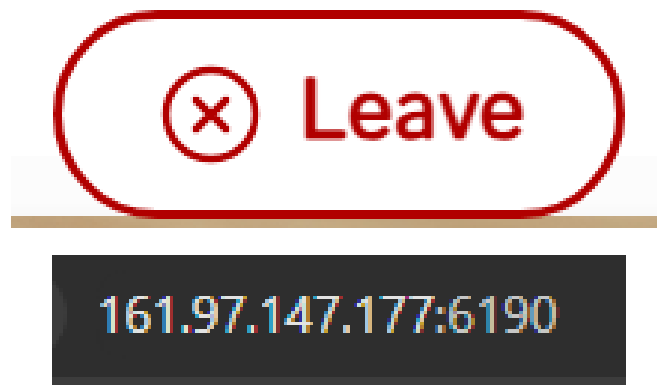
TC_HP_03:

Images:

Actions Taken:

The price of the product was first checked in Euro, displayed as €12.58. After that, the US Dollars option was selected to verify whether the value updated correctly along with the appropriate currency sign. The price successfully changed to its correct value of $13.99 in USD, and the dollar sign was displayed accordingly. This concluded the step, marking it as a success.
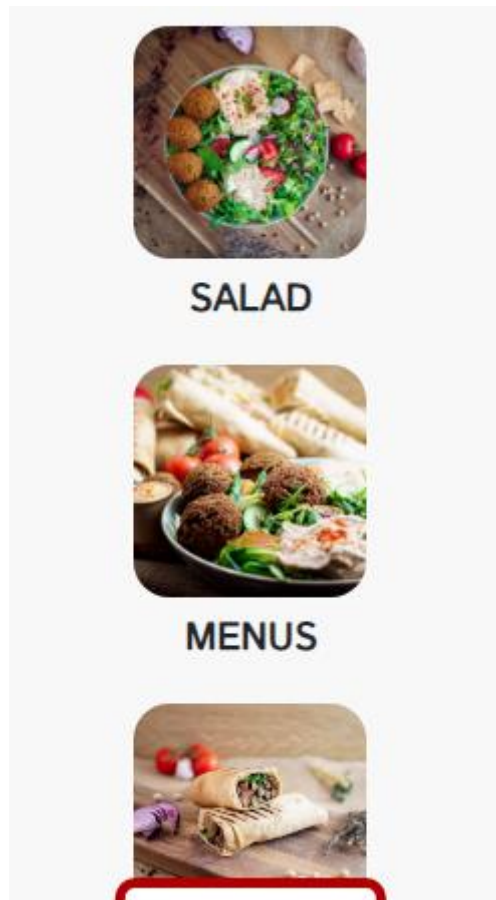
TC_HP_04:

Images:

Actions Taken:

The "Leave" button was clicked, resulting in a successful redirection to the landing page.

TC_HP_05:

Images:

SALAD

MENUS

en ∨   Euro (EUR) ∨

€8.54

€4.50

Ceaser Salad

Salad crab

Actions Taken:

A food category was selected from the side menu on the left and clicked. The page changed successfully, displaying the corresponding foods along with their prices and images. Therefore, this step is marked as a success.

TC_HP_06:

Images:

Actions Taken:

The promotion card/button was clicked, successfully redirecting to the promotions page. Upon arrival, the page displayed the current promotions, providing an overview of the available offers and deals. This marks the step as a success.

TC_HP_07:

Images:

Actions Taken:

The mouse was hovered over the different food cards, and each one was clicked, expecting some form of interactivity or functionality. However, there was no response or interaction triggered by the clicks. This indicates that the purpose and functionality of these food cards remain unknown and unclear, marking the step as a failure.

#Page-04 Categories Page

Severity: High

The Categories Page displays the foods available within a selected category. It features food cards that include an image of the dish, the title name, an "Information" button for additional details, and an "Add" button to easily add items to the cart. For specific dishes like Margherita and Pepperoni pizzas, users can also choose to add extras, enhancing their meal selection. Overall, this page offers a user-friendly interface for exploring and selecting food items.

Test steps:

| Step Number	Step Objective	Step Procedure	Expected results
TC_CP_01	Test text translation	1- Open the categories page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_CP_02	Test the "Add" button (the plus sign +) and ensure that it adds the selected food to the user's cart	1- Navigate to the Categories Page by selecting a food category. 2- Select a food card and click on the "Add" button. 3- Check the cart to verify that the selected item has been added.	The selected item should have been successfully added to the cart with the right prices.
TC_CP_03	Ensure that the information button "i" displays additional information about the dish	1- Navigate to the Categories Page by selecting a food category. 2- Click on the "i" button on a food card.	Clicking the information button should in some way grant the user additional information about the dish like ingredients, and other details.
TC_CP_04	Test the functionality of the extra options for the Pepperoni and Margherita pizzas	1- Get to the pizza categories page and add either the pepperoni or margherita pizza 2- Observe the design of the extras page and try to add any additional option.	Allowing the user to easily add extra toppings if he wanted to.
TC_CP_05	To ensure that the additional options for the Margherita Pizza (extra toppings) are accessible and functional when selecting a pizza.	1- Navigate to the Pizza Categories Page and select the Margherita pizza. 2- Click on the add button of the pizza to open the temporary page with additional options. 3- Add one of the options available	The extra toppings that were not overlapped are successfully added to the item in the cart.

TC_CP_01:

Images:

Actions Taken:

The French language was selected to check the translations in the Kiosk Software. It was found that not all texts were translated, particularly in the titles and names of each dish, which remained in the default language. This inconsistency indicates that the test did not pass, highlighting a failure in the localization process.

## TC_CP_02:

Images:
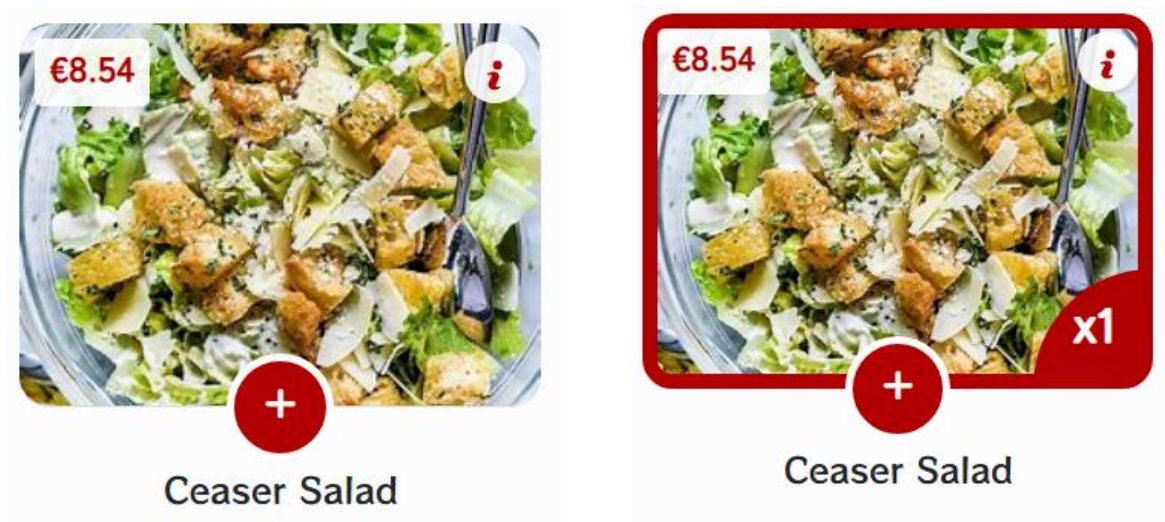
Actions Taken:

After clicking on a chosen food category, the desired dish was selected, with red borders appearing around its card along with the specified quantity, indicating that it had been successfully selected. Subsequently, the cart was checked, and the item was confirmed to be present. This proves that the adding functionality is working correctly.

TC_CP_03:

Images:

€8.54 ℹ

➕
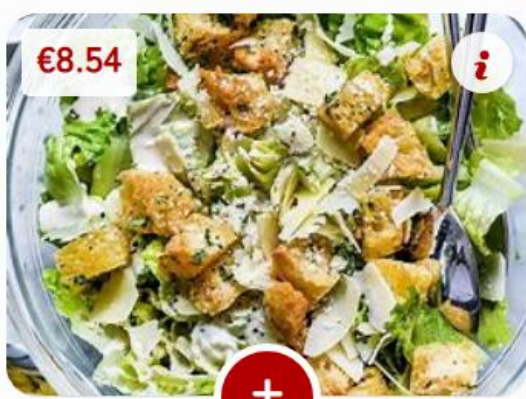
Ceaser Salad

Ceaser Salad

ceaser salad

Close

✕

Club Sandwich

Triple-decker sandwich with layers of sliced turkey or chicken, bacon and mayonnaise on toasted bread.
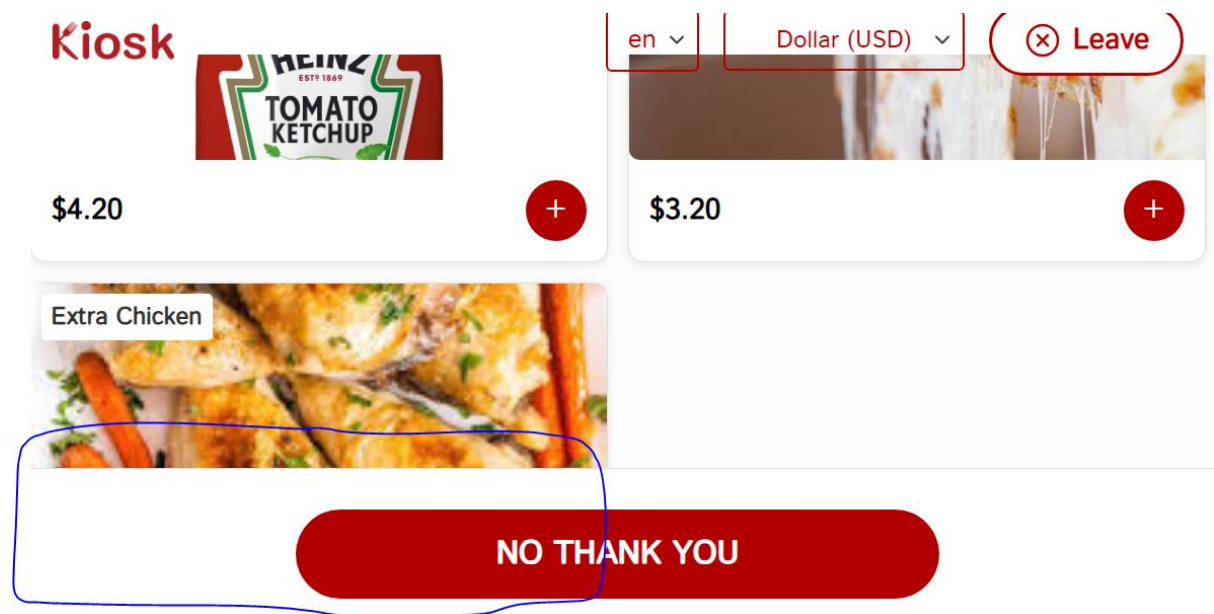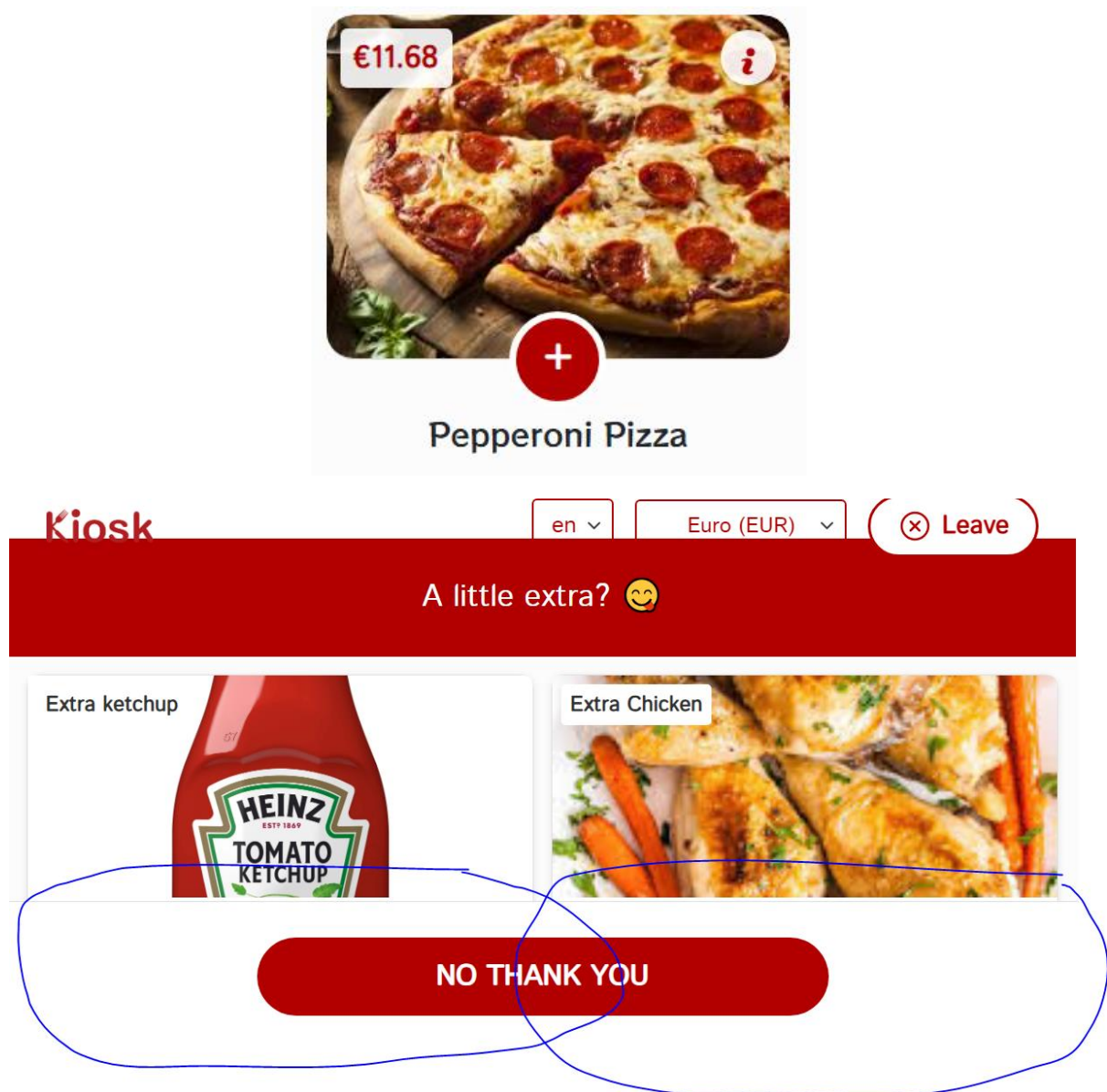
Close

✕

Actions Taken:

Upon clicking the "Information" button of a food card, a drawer slid up, revealing additional information about the dish, marking this test as a success. However, it was evident that some dishes contained more detailed information than others (as shown in the images above), leading to inconsistencies in the content provided.
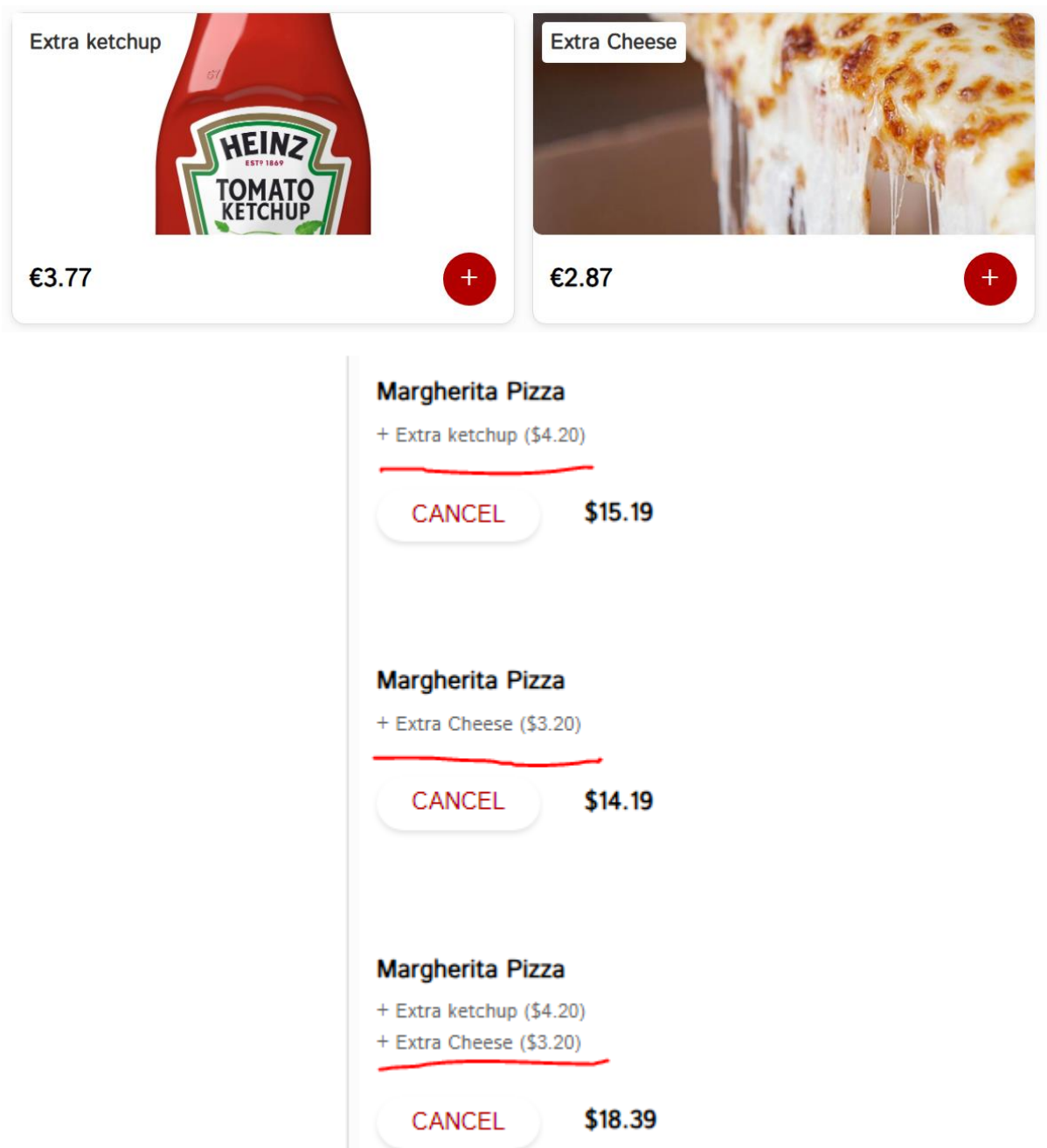
TC_CP_04:

Images:

Actions Taken:

For the Pepperoni and Margherita pizzas, it was observed that they are the only dishes with the option to add extra toppings. However, as shown in the image above, selecting these extra toppings is impossible due to the overlapping footer of the "No Thank You" button. This issue has rendered this feature ineffective, classifying it as a failure. The only option available in this scenario is the "No thank you" button, preventing users from adding extra toppings.

TC_CP_05:

Images:

Extra ketchup

€3.77

Extra Cheese

€2.87

Margherita Pizza

+ Extra ketchup ($4.20)

CANCEL $15.19

Margherita Pizza

+ Extra Cheese ($3.20)

CANCEL $14.19

Margherita Pizza

+ Extra ketchup ($4.20)
+ Extra Cheese ($3.20)

CANCEL $18.39

Actions Taken:

In the pizza food category, a Margherita pizza was added, triggering the temporary extra add-ons page. The functionality was tested by adding only ketchup the first time, only extra cheese the second time, and both add-ons the third time. In all three scenarios, the extras were successfully added, and the correct updated price was reflected in the cart. Therefore, this feature works as expected for these available toppings.

#Page-05 Options Page

Severity: ???

It is unclear where the "Options" page can be found or how it can be accessed. However, within the pizza food category, extra options are available exclusively for the Margherita Pizza and the Pepperoni Pizza. If these are indeed the options we are referring to, their test cases have been included in the Categories Page section (the one preceding this one).

Test steps: -

#Page-06 Promotions Page

Severity: Medium

The Promotions Page can only be accessed from the Home Page by clicking the Promotions button. Once there, similar to the food categories, the page displays promotion cards, each featuring the name, price, and an image of the promotional items. Users can add these items to the cart in any quantity they desire, just like regular food items.

Test steps:

Step Number	Step Objective	Step Procedure	Expected results
TC_PP_01	Test text translation	1- Open the promotions page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_PP_02	Test the "Add" button (the plus sign +) and ensure that it adds the selected food to the user's cart	1- Navigate to the Promotions Page by selecting a food category. 2- Select a food card and click on the "Add" button. 3- Check the cart to verify that the selected item has been added.	The selected item should have been successfully added to the cart with the right prices.
TC_PP_03	Ensure that the information button "i" displays additional information about the dish	1- Navigate to the Categories Page by selecting a food category. 2- Click on the "i" button on a food card.	Clicking the information button should in some way grant the user additional information about the dish like ingredients, and other details.

TC_PP_01:

<u>Images:</u>

Actions Taken:

The French language option was selected to check the translations in the Kiosk Software. It was found that not all texts were translated, particularly the titles and names of each dish, which remained in the default language. This inconsistency indicates that the test did not pass, highlighting a failure in the translation process.

TC_PP_02:

Images:

Actions Taken:

After clicking on the promotions page navigator, the desired bundle was selected, with red borders appearing around its card to indicate the selection and the quantity of dishes chosen. A subsequent check of the cart confirmed that the item was present, proving that the adding functionality works correctly.

TC_PP_03:

Images:

Actions Taken:

Multiple clicks were made on the "i" (information) button located at the top-right corner of the promotion card to verify its functionality. However, no response was observed, unlike the functional information buttons on the food cards in the food categories. The absence of any additional information, drawer, or interaction marks this test as a failure.

#Page-07 Cart Page

Severity: High

The cart page is accessible only after adding items from either the food category or promotions page. Once an item is added, a button labeled "View My Cart" appears at the bottom of the screen, displaying the total amount. Clicking this button navigates to the cart page, where all the selected items are listed. If you wish to modify the quantity, you can click the "+" button to increase the number of items or the "-" button to decrease it. If the quantity reaches zero, the item is removed from the cart. Once all selections are finalized, a "Pay" button appears at the bottom, allowing you to proceed to the payment methods.
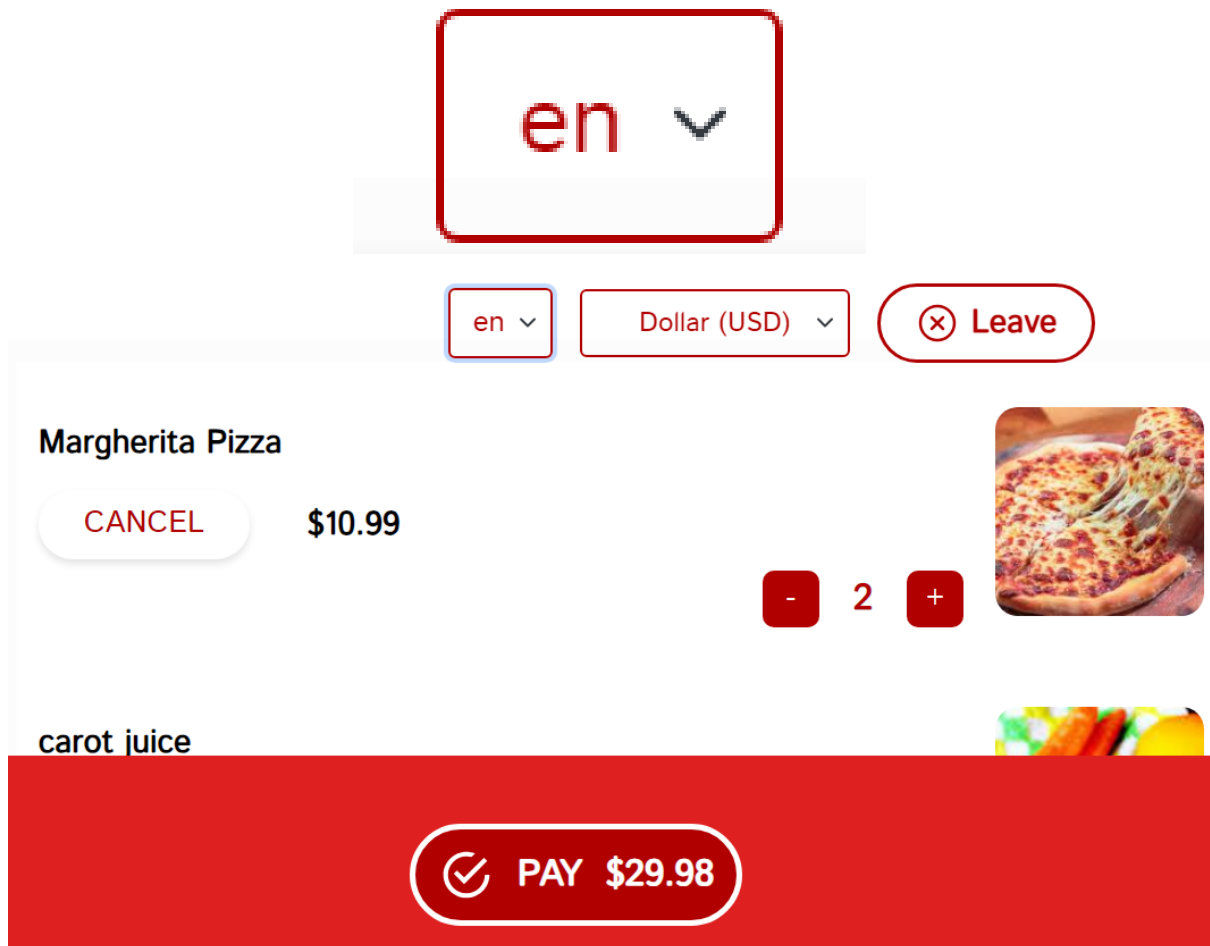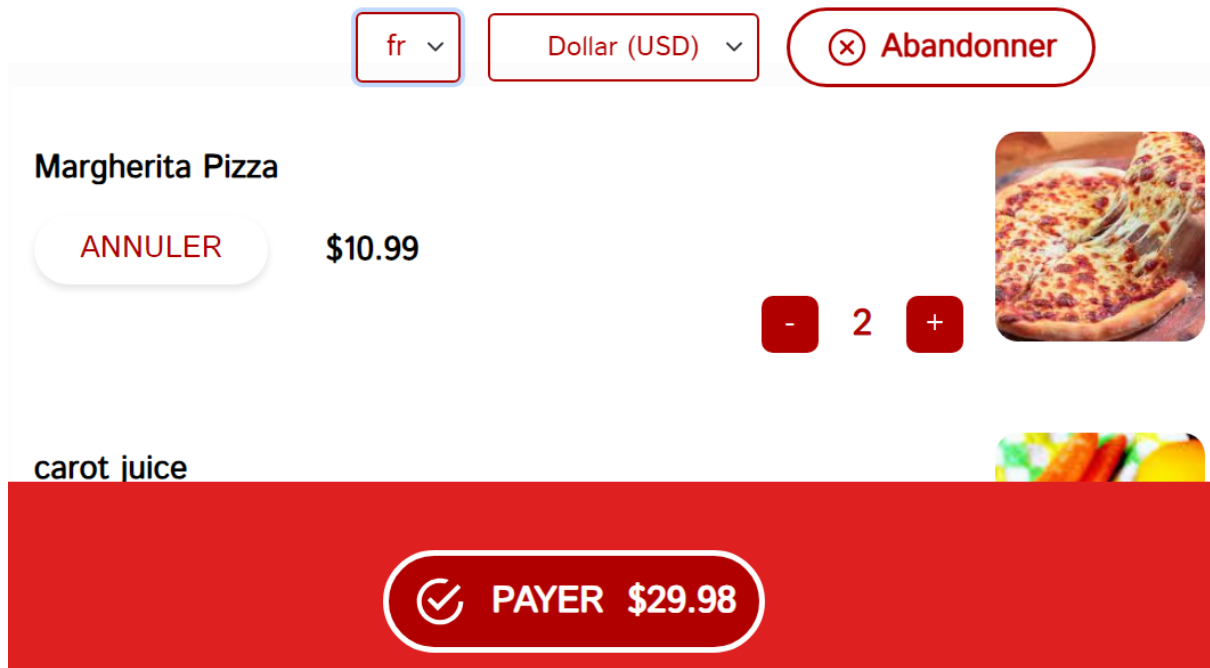
Test steps:

Step Number	Step Objective	Step Procedure	Expected results
TC_CA_01	Test text translation	1- Open the promotions page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately

TC_CA_02	To ensure that the cancel button successfully removes an item from the cart.	1- Navigate to the Cart Page after adding items from the food category or promotions page. 2- Identify an item in the cart with an active cancel button. 3- Click on the cancel button for the selected item.	The selected item should be successfully removed from the cart, and the cart should update to reflect the change in total price.
TC_CA_03	Ensure that the "+" and "-" buttons for each item in the cart work correctly to adjust the quantity and update the total price.	1- Add an item to the cart 2- Click on the "+" button to test if the number of the item increases 3- Click on the "-" button when the number of items is only 1	When the '+' button is clicked, the quantity of the selected food item should increase by one. The total price should update correctly to reflect the new quantity. When the '-' button is clicked and there is only one item left, the item should be removed from the cart.
TC_CA_04	Test the quantity limit that a user can add for each food item	1- Increase the quantity until reaching an unusually high number (e.g., 1000). 2- Observe whether the system allows adding such a high quantity without any restrictions.	A limit for how many items a user could add, or an error message indicating that the user cannot order these many dishes with one order.
TC_CA_05	Identify the glitch occurring when adding margherita pizzas after previously adding different pizza types, leading to incorrect item counts in the cart.	1- Add a BBQ Chicken Pizza to the cart. 2- Add a Hawaiian Pizza to the cart. 3- Add a normal Margherita Pizza (without toppings) to the cart. 4- Add a Margherita Pizza with toppings to the cart. 5- Observe the cart to confirm the total number of pizzas. 6- Remove the BBQ Chicken Pizza from the cart. 7- Remove the Hawaiian Pizza from the cart. 8- Check the cart again to see the total number of margherita pizzas.	The pizzas should be removed smoothly and easily, without having to impact other items in the cart that could lead to new items appearing and not being added to the total price.
TC_CA_06	Verify that the phone number validation correctly identifies and rejects invalid phone numbers.	1- Input a valid phone number (e.g., "03 333 333") and click on the "Validate" button. 2- Input a random number (e.g., "123456") and click on the "Validate" button. 3- Observe the system's response for each input.	The system is expected to have a working phone number validation feature. That allows users who input actual phone numbers to proceed, and to block the others that do not follow suit.

TC_CA_01:

en ∨

en ∨   Dollar (USD) ∨   ⊗ Leave

Margherita Pizza

CANCEL   **$10.99**

− **2** +

carot juice

⊘ PAY **$29.98**

fr ∨

Actions Taken:

The English version of the food card titles was initially checked. After switching to the French language, the content was rechecked, confirming that it successfully changed to French, except for the names of the dishes, which remained in English.
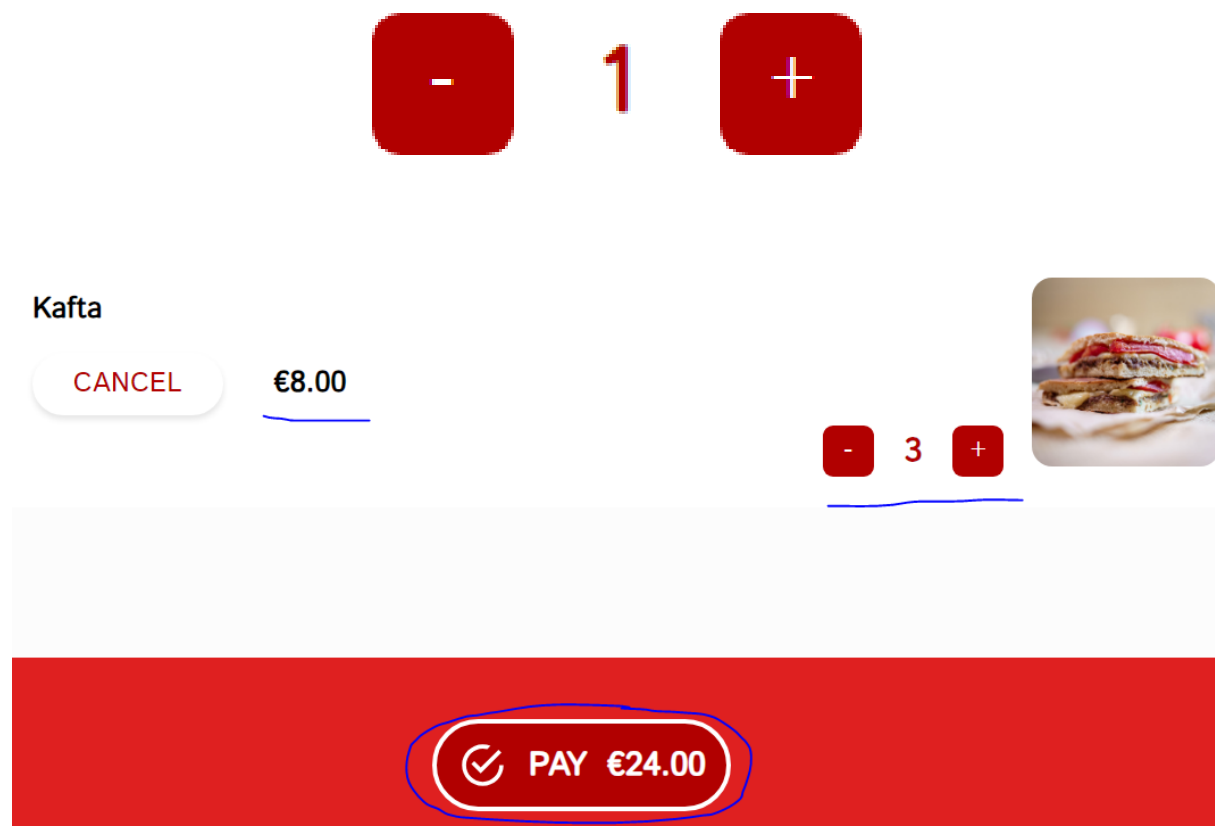
TC_CA_02:

Images:

Actions Taken:

An item of choice was added to the cart. After navigating to the cart page by clicking the 'View My Cart' button, the cancel button for the item was clicked. Upon doing so, the item disappeared from the cart, confirming that the functionality is working correctly and marking this test as a success.

TC_CA_03:

Images:

Actions Taken:

The functionality of the '+' and '-' buttons for each item in the cart was tested. When the '+' button was clicked, the quantity of the selected food item increased by one, and the total price updated accordingly to reflect this change. Additionally, if there was more than one item in the cart and the '-' button was clicked, the quantity decreased by one, and when there was only one of the dishes remaining, clicking the '-' button successfully removed the item from the cart. This confirms that both buttons are functioning correctly and that updates to the cart are working as expected.

TC_CA_04:

Ultimate Feast Combo

CANCEL   €14.38

\-   1000   +

Actions Taken:

A very large quantity of items (1,000, as shown in the image above) was added to the cart. The system permitted this action without any restrictions, indicating incorrect behavior. This resulted in a <u>failure</u>, as there should be a limit on the maximum quantity of items that can be added to the cart.

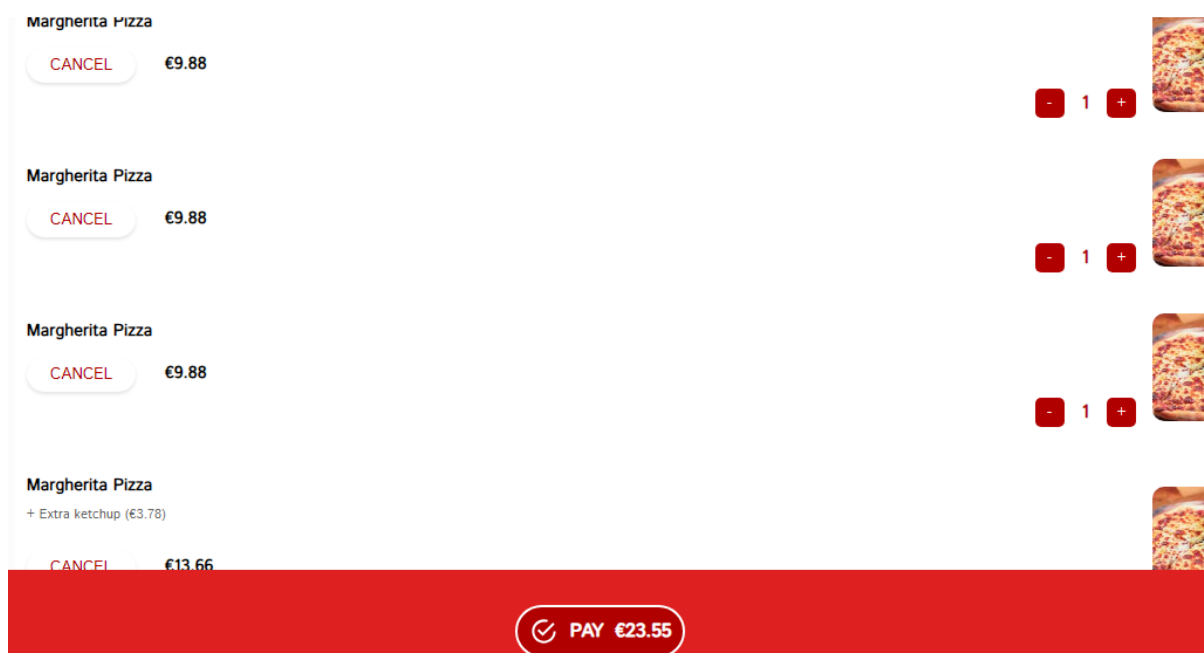## TC_CA_05:

Images:

Steps 1 – 2 – 3 – 4 :

€12.58   *i*   €13.48   *i*   €9.88   *i*

x1   x1   x1

+   +   +

Hawaiian Pizza   BBQ Chicken Pizza   Margherita Pizza

Add a Hawaiian Pizza, a BBQ Chicken Pizza and a Margherita Pizza with no toppings. Then, add a Margherita Pizza with extra ketchup (can be either ketchup or extra cheese, or even both) to the cart.

Step 5:

Hawaiian Pizza

CANCEL €12.58

- 1 +

BBQ Chicken Pizza

CANCEL €13.48

- 1 +

Margherita Pizza

CANCEL €9.88

- 1 +

Margherita Pizza
+ Extra ketchup (€3.78)

Check the cart to make sure all the items have been successfully added in to the cart as expected.

Steps 6 – 7 – 8:

Margherita Pizza

CANCEL €9.88

- 1 +

Margherita Pizza

CANCEL €9.88

- 1 +

Margherita Pizza

CANCEL €9.88

- 1 +

Margherita Pizza
+ Extra ketchup (€3.78)

CANCEL €13.66

⊘ PAY €23.55

Remove the BBQ Chicken Pizza and the Hawaiian Pizza (either by clicking on the cancel button, or the "-" button if there is only one instance of the item) and check the cart items again. We can notice that some new instances of the Margherita have unexpectedly appeared, and their prices are not even added to the total: 9.88 + 9.88 + 9.88 + 13.66 = €43.3 (not €23.55).

Actions Taken:

A BBQ Chicken Pizza and a Hawaiian Pizza were added to the cart, followed by a normal Margherita Pizza without toppings and a Margherita Pizza with toppings. Initially, the total number of pizzas appeared correct. However, upon removing the BBQ Chicken and Hawaiian pizzas, an unexpected glitch occurred: the cart displayed three Margherita Pizzas without toppings and one with toppings, despite only adding one of each type. This behavior indicated a multiplication <u>error</u> in the cart's item count, resulting in an <u>inconsistency</u> in the expected results.

TC_CA_06:

Images:

Actions Taken:

A phone number resembling a valid format was inserted, followed by a completely random number. After clicking the "Validate" button in both cases, progression to the next step was possible. This

indicates a lack of actual validation for the phone number input. It's important to note that the "Validate" button does not activate unless a number has been entered. Therefore, this test result is marked as a <u>failure</u>, despite everything else functioning as expected.

#Page-08 Payment Page

Severity: Medium

The payment page is accessible by clicking the "Pay" button located at the bottom of the cart page, which appears only if there are items in the cart. The page allows users to choose their preferred language (French or English) and offers two payment options: cash or card. However, it's unclear whether these options refer to paying at the restaurant or for a delivery order. At the bottom, there is a "Back" button, which navigates the user back to the cart page.

Test steps:

Step Number	Step Objective	Step Procedure	Expected results
TC_PA_01	Test text translation	1- Open the Payment page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_PA_02	Test the functionality of Pay by Card and Pay at The Counter buttons	1- Click on the "Pay by Card" button. 2- Observe if the user is redirected to the send email page. 3- Repeat the steps for the "Pay at The Counter" button.	Upon clicking either the "Pay by Card" or "Pay at The Counter" button, the user should be redirected to the send email page without any issues.
TC_PA_03	Test the functionality of the Back button on the payment page	1- Get to the payment page 2- Click on the back button at the bottom of the page 3- Ensure that we have been redirected back to the cart page and the state of the cart has been correctly saved.	Upon clicking the "Back" button, the user should be redirected to the cart page, and all previously added items should remain saved with no changes to their quantity or selection.

TC_PA_01:

Images:

en ⌄

en ⌄

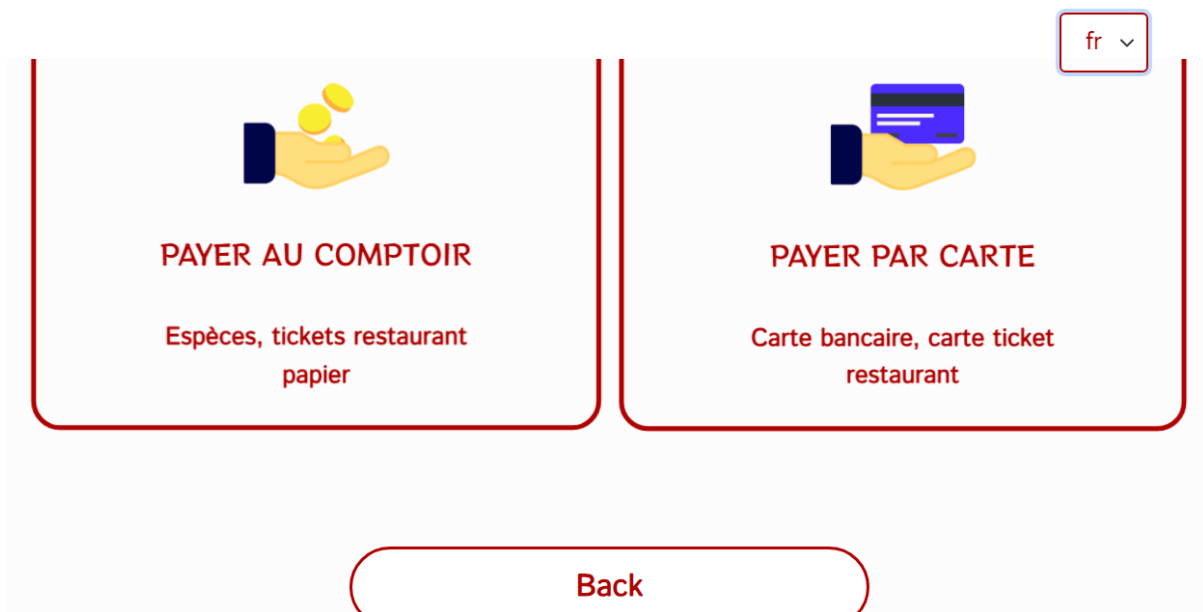PAY AT THE COUNTER

Cash, paper meal vouchers

PAY BY CARD

Credit card, meal voucher card

Back

fr ⌄

PAYER AU COMPTOIR

Espèces, tickets restaurant papier

PAYER PAR CARTE

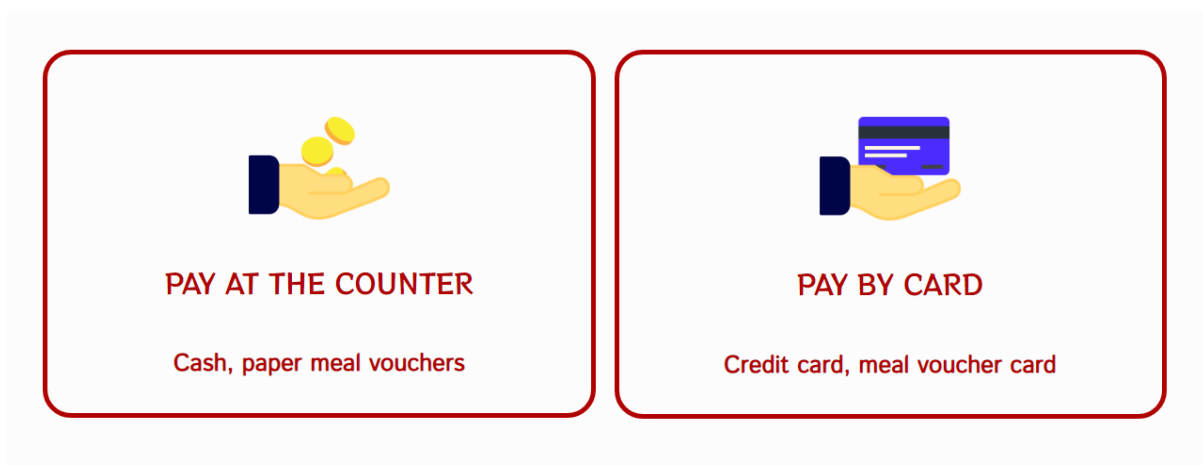Carte bancaire, carte ticket restaurant

Back

Actions Taken:

The English version of the content on this page was initially checked. After selecting the French language, it was confirmed that the content successfully changed to French.

TC_PA_02:

Images:

PAY AT THE COUNTER

Cash, paper meal vouchers

PAY BY CARD

Credit card, meal voucher card

161.97.147.177:6190/SendEmail

Actions Taken:

After reaching the payment page, the payment button of choice was clicked, resulting in a successful redirection to the send email page. Both buttons were tested, and both functioned correctly, marking this as a success.

TC_PA_03:

Images:
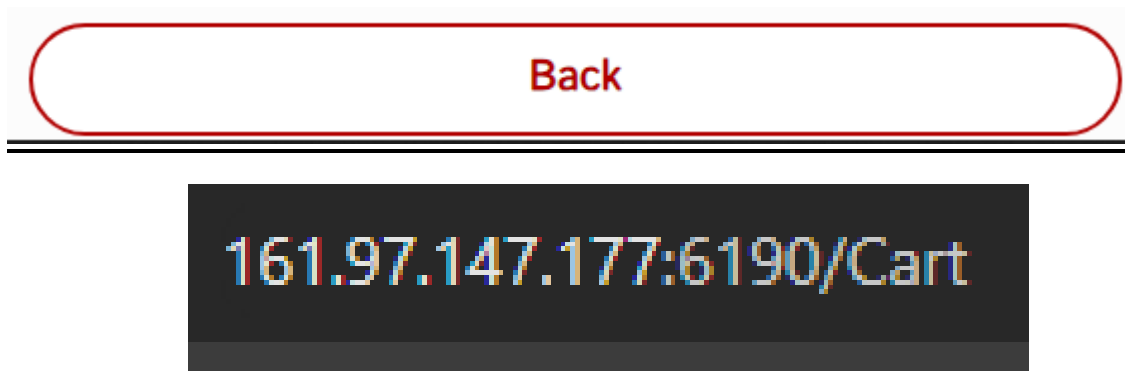
Actions Taken:

The back button at the bottom of the payment page was clicked, successfully redirecting to the cart page. The cart retained its state, displaying the items that had previously been added. This confirms that the functionality works as expected, marking this as a success.

#Page-09 Send Email Page

Severity: Medium

The page features two prominent buttons centered in the middle, offering users two options. The first button, labeled "Send by Email," allows users to enter their email address in a small pop-up that appears upon clicking, enabling them to receive a digital receipt directly to their inbox. The second button, labeled "No Thank You," provides an immediate display of the receipt on the screen without requiring an email input.

Test steps:

Step Number	Step Objective	Step Procedure	Expected results

TC_SEP_01	Test text translation	1- Get to the Send Email page. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_SEP_02	To verify that the "Send by Email" button only accepts email addresses in the input field.	1- Navigate to the Send Email page 2- Click on the "Send by Email" button 3- Input a string of character that would not fit the criteria of an email	When an invalid email address, random string, or an empty input is submitted, the form should display an appropriate error message, preventing submission.
TC_SEP_03	Verify that the "No Thank You" button successfully redirects the user to the receipt page.	1- Navigate to the send email page. 2- Click on the "No Thank You" button.	The user should be redirected to the receipt page without any errors.
TC_SEP_04	Ensure that the user receives an email of his receipt after typing in his email.	1- Enter a valid email address in the provided input field. 2- Click on the "Submit" button to trigger the email sending process.	The user should receive an email at the provided email address containing the order details and receipt.
TC_SEP_05	Verify that the input field is protected against HTML and JavaScript injection attacks	1- Input HTML and Javascript code into the name field 2- Submit the form or trigger the next step to check how the input is handled.	The system must have some type of preventions for these injections.

TC_SEP_01:

Images:

A receipt?
Retrieve your order number

✉

SENDING BY EMAIL

🤝

NO THANK YOU

fr ⌄

Un reçu?
Récupérez votre numéro de commande

✉

ENVOI PAR EMAIL

🤝

NON MERCI

Actions Taken:

The English version of the content on the page was checked first. After selecting the French language, it was confirmed that the content <u>successfully</u> changed to French.

TC_SEP_02:

Images:

Actions Taken:

The 'Send by Email' option was selected, which triggered a popup with an input field for entering an email. An incomplete email format, '202110356@', was entered, and the standard HTML notification indicated that the email format was invalid. This confirms that the system correctly enforces email-only formats, marking this as a success.
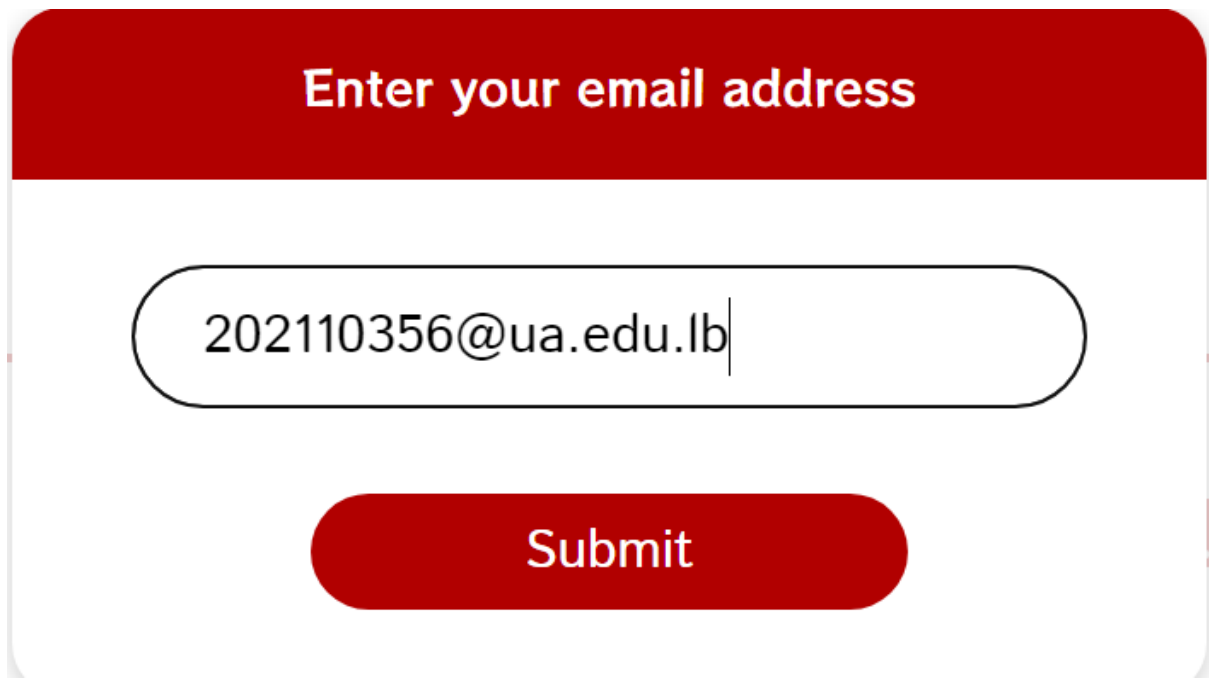
TC_SEP_03:

Images:

Actions Taken:

The 'No Thank You' button on the Send Email page was clicked, successfully redirecting to the receipt page at the URL: '/receipt'. This confirms that the button functions properly, marking it as a success.

TC_SEP_04:

Images:

Actions Taken:

After typing in the email address and clicking the submit button to send the order details and receipt, the mailbox was checked but no email was received. This indicates that the email sending functionality is not working correctly, marking this test case as a failure.

TC_SEP_05:

Images:

Enter your email address

<h1> Test Heading </h1>|

Submit

Enter your email address

<script>alert('test');</script>

Submit

Actions Taken:

Just like with the name input field, HTML code and JavaScript code were typed into the email field. However, the field only accepted valid email formats, preventing the execution of any scripts. This restriction indicates that the input validation is functioning correctly, marking this test as a success.

#Page-10 Receipt Page

Severity: <u>High</u>

The receipt page displays a detailed summary of the user's order, prominently featuring the user's name, total amount due, and a unique order number for reference. At the bottom of the page, there is a "Finish" button that allows users to complete the ordering process. Clicking this button takes the user back to the landing page, concluding their transaction and ensuring a smooth navigation experience.

Test steps:

| Step Number	Step Objective	Step Procedure	Expected results
TC_RP_01	Test text translation	1- Navigate to the Receipt page after completing the necessary steps. 2- Find the dropdown menu where users can select a language 3- Select a language different from the default 4- Verify the Translation of the content	Translation of the content correctly and accurately
TC_RP_02	Ensure that our name and the total price of the order are on the Receipt and correct	1- Navigate to the receipt page after completing the order process. 2- Locate the name and the total displayed on the receipt.	The name and price on the receipt must match the ones we have typed in at previous steps.
TC_RP_03	Verify that the "No Thank You" button successfully redirects the user to the receipt page.	3- Navigate to the send email page. 4- Click on the "No Thank You" button.	The user should be redirected to the receipt page without any errors.

TC_RP_01:

Images:

13.00 €

TOTAL PRICE

ORDER NUMBER:

FINISH

fr ⌄
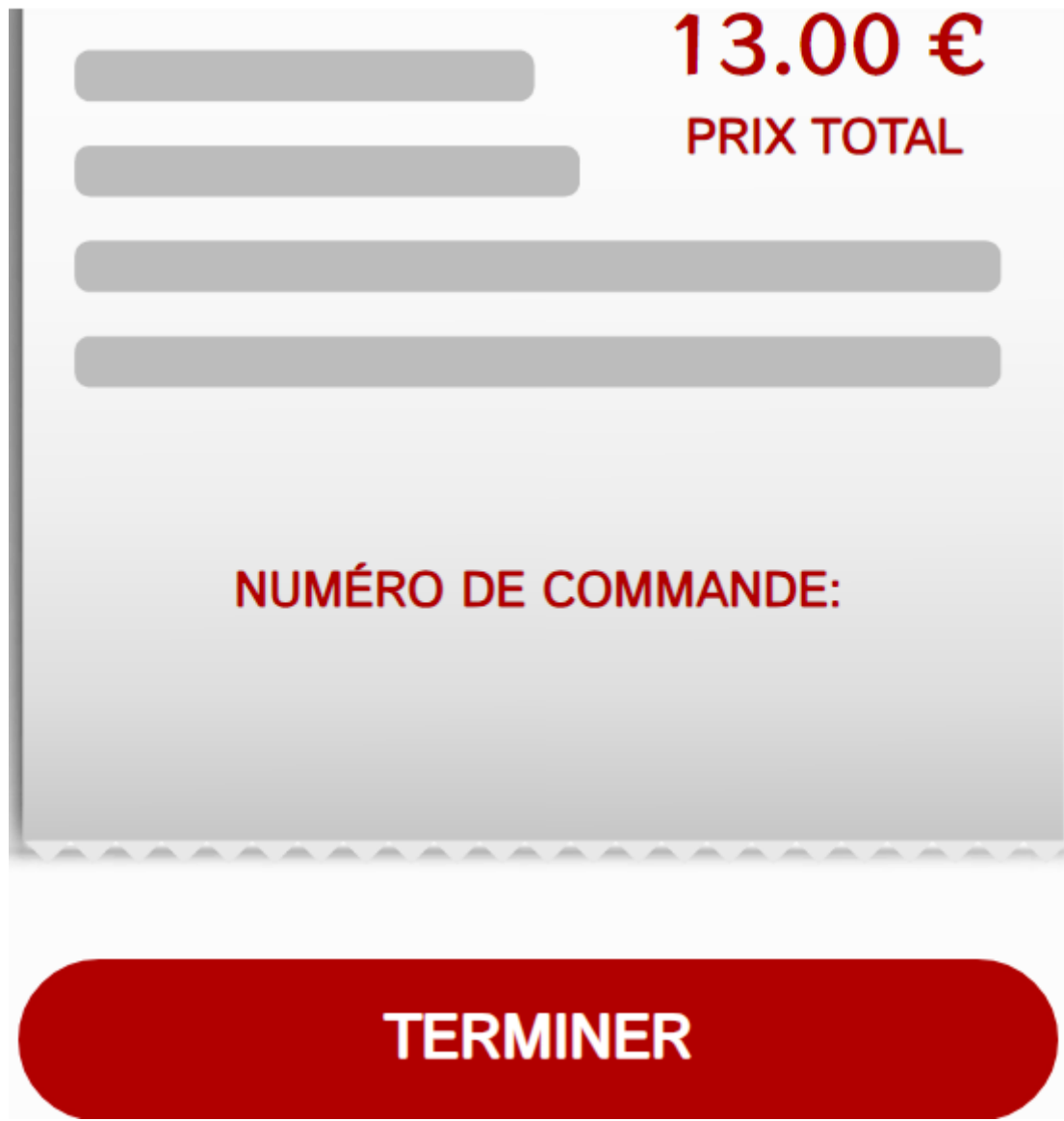
Actions Taken:

First, the English version of the content on this page was checked. Then, the French language was selected, confirming that the content changed successfully to French, marking this test as a success.

TC_RP_02:

Images:

Before you start...
Indicate your first name:

ANTHONY

Ceaser Salad
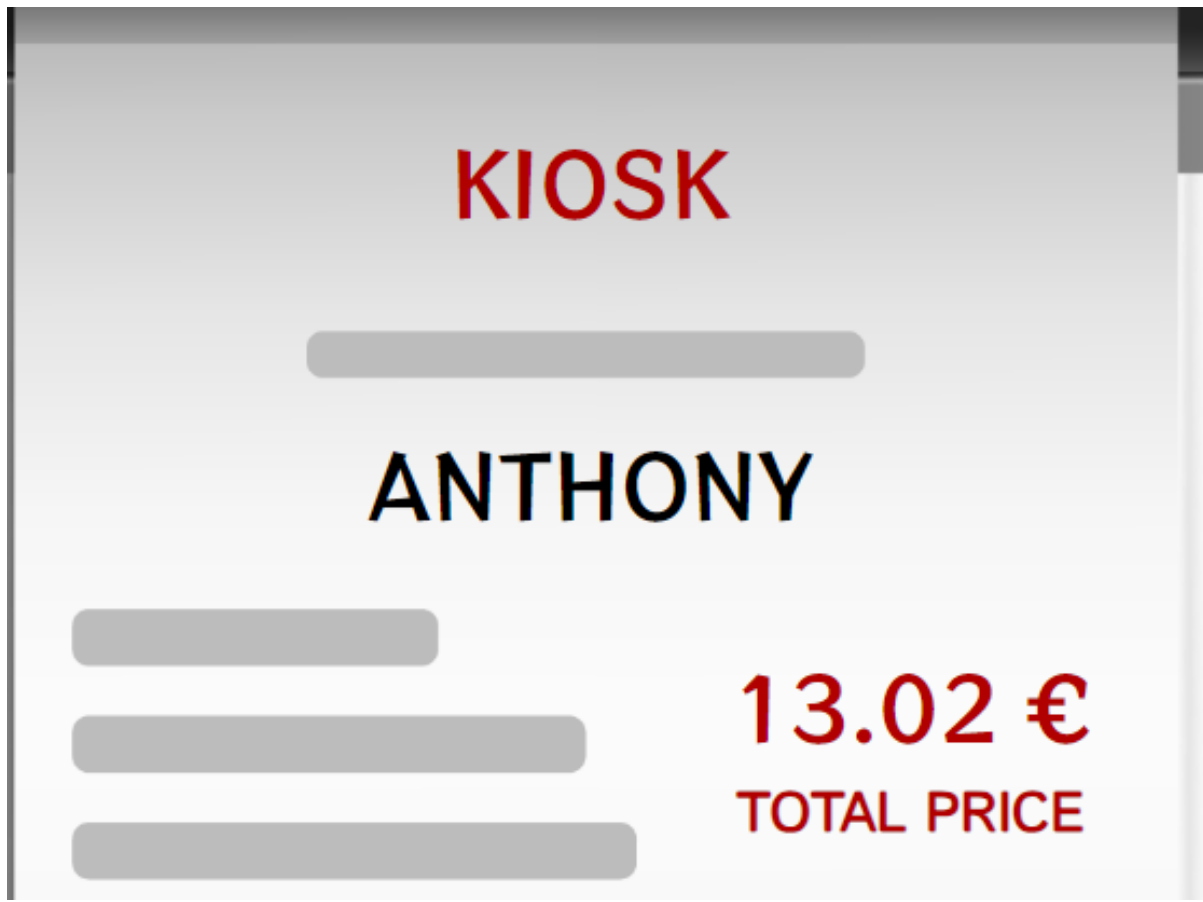
CANCEL   **€8.53**

- 1 +

Salad crab

PAY €13.02

Actions Taken:

The name was typed on the "Enter Your Name" page, followed by the selection of desired food items. After reviewing the total on the Cart page, navigation to the receipt page occurred. Upon checking the receipt, it was confirmed that the name displayed correctly matched the input provided earlier. This test is marked as a success.

TC_RP_03:

Images:

Actions Taken:

The finish button at the bottom of the receipt page was clicked, successfully redirecting to the landing page. This test is marked as a success.

TC_RP_04:

Images:

ANTHONY

13.00 €
TOTAL PRICE

ORDER NUMBER:

Actions Taken:

An order was completed that included multiple items, and upon navigating to the receipt page, it was observed that none of the order items or their details were included (except for the total price). This absence indicates that the receipt generation functionality is not working correctly, leading to a failure in this test case.