Team 1. 1. Testing checklists

Legend

✅ PASSED

❌ FAILED

UC1. Menu browsing with search (Veronika Pook)

Positive Scenarios

1. View Menu

1.1 browsing is public ✅

1.2 The menu (with all the products) is on the same page ✅

2. Each product displays its:

a. name; ❌ 🔳 T11RFOP-33: UC1: Menu- typos: "Pasta Carborara", Garlic flat bread", "Coffee - Latte" DONE

b. price; ❌ 🔲 T11RFOP-34: UC1: "Mojito Moctail"-price `DONE`

c. size (if applicable); ❌ 🔲 T11RFOP-219: UC1 product "Lager" - 2 bugs (pic. and size) `DONE`

d. availability status; ✅

e. photo. ❌ 🔲 T11RFOP-29: UC1: Pictures: "Salad", "Garlic Flatbread", "Pasta Carbonara" `DONE` 🔲 T11RFOP-219: UC1 product "Lager" - 2 bugs (pic. and size) `DONE`

3. Products are sorted by the product name ASC ❌ 🔲 T11RFOP-57: UC1: Products' order illogical `DONE`

4. Search by:

a. full name of the product; ✅

b. partial text (minimal 2 letters ❌ and it must look everywhere: beginning, middle and end of the product name ✅) 🔲 T11RFOP-278: UC1: Partial name product search error `TO DO`

5. Filter products by:

a. Categories: Cold drinks, desserts, Hot drinks ❌ , Pasta, Pizza, Salads , Soups ❌ , Starters; 🔲 T11RFOP-66: UC1: Filter/Category "Soups" is missing `DONE` 🔲 T11RFOP-254: UC1- Search- smoothie under "Hot drinks" `DONE`

b. Highlight: House Special, Spicy, Vegan, Vegetarian; ❌ 🔲 T11RFOP-256: UC1 Filters "Vegan" and "Vegetarian" output in conflict with filter "Milk" output `DONE`

c. Allergens: Eggs, Gluten, Milk; ✅

6. Multiple Filters can be applied simultainously: ✅

Negative Scenarios

7. User does not see any additional info on the "Menu" page. ❌ 🔲 T11RFOP-30: Unnecessary "Browse menue" `TO DO` 🔲 T11RFOP-44: Bug icon on "Menu" page `DONE`

8. Search by Name:

a. User does not find any products when entering an incorrect or non-existent full product name; ✅

b. User does not find any products when entering an incorrect or non-existent partial product name. ✅

UC2. Previewing products (Lisel Kaup)

Positive scenarios

1. Verify that product preview is public ✅

2. Check if the preview link is accessible from product list ✅

3. Confirm product information is displayed accurately:

a. picture ❌ 🔲 T11RFOP-86: UC2 Product "Salad" & "Garlic Flat Bread" has wrong picture `DONE` ; 🔲 T11RFOP-88: UC2 Product "Pasta Carbonara" picture missing `DONE`

b. name ❌ 🔲 T11RFOP-90: UC2 Product name Pasta Carbonara has a typo `DONE`

c. price ❌ 🔲 T11RFOP-92: UC2 Product Mojito mocktail - price unreasonable `DONE`

d. size and unit type (may vary for different products) ✅

e. category ❌ 🔲 T11RFOP-135: UC2 Product "Berry Smoothie" category wrong `DONE`

f. highlight (at least one value should exist) ❌ 🔲 T11RFOP-136: UC2 Product "Lager" & "Mojito Mocktail" missing highlights `DONE` ;

g. description (comma separated list) ❌ 🔲 T11RFOP-140: UC2 Product "Salad" & "Pizza" description has wrong type of list `DONE` ; 🔲 T11RFOP-141: UC2 Product "Berry Smoothie" & "Coffee Latte (small)" description has typos `DONE`

h. allergy information ✅

4. Check if Out of Stock label is working on out of stock products ✅

5. Ensure out of stock label is cleary visible for customer ✅

6. Check navigation path, if customer can preview product and then go back to product list ✅

7. Check if the Highlights and Category labels presented on Product Preview are the same asked in UC1. ❌ 🔲 T11RFOP-157: UC2 Product preview Highlights and Category labels not according to UC1 TO DO

UC3. Ordering products (Kristiina Vahersalu-Juuse)

Roles and Permissions

1. Verify that ordering products is public (every user must be able to use it) ✅

Adding products to the order

Positive scenarios

1. Verify that the "+Add" button is visible and functional in:
   a. the Menu ❌ 🔲 T11RFOP-37: UC3. Menu view - No "+Add" button visible on product items DONE
   b. the product preview screen ✅
2. By clicking the "+Add" button the product has to be added to the order with its name, quantity and price. ✅
3. Verify that a product can be added multiple times to the order (check total price correctness when adding several). ✅
4. Verify that the user can not add a product to the order that are out of stock. ✅

Negative scenarios

1. Ensure that it should not be possible to make an order with:
   a. 0 items ❌ 🔲 T11RFOP-63: UC3. Order preview - making an order with 0 or more than 20 products TO DO
   b. more than 20 items (in total) ❌ 🔲 T11RFOP-63: UC3. Order preview - making an order with 0 or more than 20 products TO DO

Viewing and changing the order in order preview

Positive scenarios
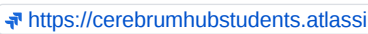
1. Verify that "View my order" button is functional. ✅
2. Verify that all ordered products are listed in the order preview:
   a. name ✅
   b. quantity ✅
   c. product and total price (in Euros) ❌ 🔲 T11RFOP-60: UC3. Order preview - currency symbol is not EUR TO DO
3. Ensure that the amount of the added product/-s are changeable:
   a. increase ✅
   b. decrease ✅
4. Verify that by increasing or decreasing the amount on product - the total price is changing accordingly. ✅
5. Verify that the products, added to the order, can be deleted (the total price must change accordingly). ✅
6. Verify that the "Back" button is functional and leads back to the Menu. ✅

Negative scenarios

1. When adding more than 20 products to the order, the system must display an error "You can not order more than 20 products at once."
   ❌ 🔲 T11RFOP-63: UC3. Order preview - making an order with 0 or more than 20 products TO DO
2. When making an order with 0 the system must display an error "The order must contain at least one product to be submitted" ❌ 🔲 T11RFOP-63: UC3. Order preview - making an order with 0 or more than 20 products TO DO

Submitting order in order preview

Positive scenarios

1. Ensure that there is an exact Government notice as follows: "As part of the GDPR requirements, please complete the following fields. We will delete your information after the required 21 day holding period." ❌ 🔲 T11RFOP-64: UC3. Order preview - there is no Government notice TO DO

2. Ensure that before submitting the order following data fields have to be entered (all are mandatory):
    a. table number * ✅
    b. possible allergies* ❌ 🔲 T11RFOP-102: UC3. Order preview - data fields have to be mandatory (all of them) TO DO
    c. name* ✅
    d. phone nr * ❌ 🔲 T11RFOP-102: UC3. Order preview - data fields have to be mandatory (all of them) TO DO
    e. email* ✅

3. Ensure if some mandatory fields are not filled, following error message is shown: "This field is mandatory". ❌ 🔲 T11RFOP-193: UC3. Order preview - Wrong error message when mandatory fields not filled TO DO

4. Ensure that "Table number" field meets its requirements:
    a. only letters and numbers numbers ❌ 📌 https://cerebrumhubstudents.atlassian.net/browse/T11RFOP-73 Can't find link
    b. error message shown if not meeting the requirements "Only numbers and letters allowed." ❌ 📌 https://cerebrumhubstudents.atlassian.net/browse/T11RFOP-73 Can't find link

5. Ensure that "Name" field meets its requirements:
    a. Min length is 2 symbols, max 100 symbols. ❌ 🔲 T11RFOP-74: UC3. Order preview - "Name" field does not meet its requirements TO DO
    b. Following Error message, when not meeting the requirements "The name cannot be shorter than 2 symbols and longer than 100 symbols." ❌ 🔲 T11RFOP-74: UC3. Order preview - "Name" field does not meet its requirements TO DO

6. Ensure that "Phone number" field meets its requirements:
    a. min number of digits is 6 and max is 12. ❌ 🔲 T11RFOP-75: UC3. Order preview - "Telephone number" does not have character number validation TO DO
    b. Allowed symbols only are ; , . ( ) - + SPACE * # and numbers ✅
    c. If unsuitable symbol entered, a following error message is displayed "Phone number can only contain ; , . ( ) - + SPACE * # and numbers" ✅

7. Ensure that if Email field meets its requirements:
    a. Format email@domain.com ❌ 🔲 T11RFOP-192: UC3. Order preview - "Email" field does not meet its requirements TO DO
    b. Following error displayed email format is wrong: "The format of email is incorrect. Must be email@domain.com" ❌ 🔲 T11RFOP-192: UC3. Order preview - "Email" field does not meet its requirements TO DO

8. Verify that the "Submit order" button is functional:
    a. the order is confirmed ✅
    b. the order is sent to the restaurant **!!! Can not test yet**

9. Verify that after the order is submitted, a confirmation page must be shown with following info:
    a. list of ordered products together with quantities ✅
    b. total price of the order ✅

10. Ensure that "Back" button navigates back to the Menu from the confirmation page. ❌ 🔲 T11RFOP-101: UC3. Order confirmation - "Back" button does not navigate back to Menu TO DO

11. Ensure that user receives email with the order confirmation after the order is submitted. ✅

12. Verify that there is no unnecessary text in the header in:
    a. order preview page ❌ 🔲 T11RFOP-122: Order preview and order confirmation page - unnecessary text in the header TO DO
    b. order confirmation page ❌ 🔲 T11RFOP-122: Order preview and order confirmation page - unnecessary text in the header TO DO

UC4. Login to the administration panel (Kristiina Vahersalu-Juuse)

Positive scenarios

1. Ensure there is a public "Login as administrator" button at the bottom of the menu that navigates to authentication page. ❌ ▣ T11RFOP-353: UC4. Login - wrong login button name TO DO

2. Verify the login to administration panel if:

   a. correct email is entered - must contain "@" symbol and domain extension (example: @domain.com) ✅

   b. correct password is entered. ✅

   c. previously logged in - automatic redirection to administration panel ✅

3. Ensure that the Back button leads back to the previous page. ❌ ▣ T11RFOP-354: UC4. Login - the "Back" button is not functional TO DO

4. Ensure if 5 invalid login attempts are made the user must be blocked for 10 minutes. Following Error message: "Too many invalid login attempts. Please try again in 10 minutes". ❌ ▣ T11RFOP-467: UC4. Login - wrong number of invalid attempts before blocking logging in TO DO

5. Ensure to stay logged in until browser is closed. After opening browser, system must ask to login again. ❌ ▣ T11RFOP-468: UC4. Login - system does not log out user when browser is closed TO DO

Negative scenarios

1. Verify if invalid email address entered (e.g. admin.email.com OR admin@email. OR admin@.com), following error message is shown: "Please enter a valid email." ❌ ▣ T11RFOP-487: UC4. Login - wrong error message shown when entering invalid email TO DO

2. Verify if email field is empty by logging in, following error message is shown: "Please enter a valid email". ✅

3. Verify if non-existent email is entered, following error message is shown "The email address could not be found." ✅

4. Verify if entering a wrong password for an existing email address, following error message is shown: "Your email or password don't match. Please try again." ✅

5. Verify if password field is empty by logging in, following error message is shown: "The password was not provided".

6. Verify that the system does not redirect to the administration panel if an incorrect email or password is entered. ✅

UC5. Viewing and managing orders (Veronika Pook)

<u>Preconditions</u>

- The user must be successfully authenticated. ✅
- At least one order must be created and submitted to the restaurant.

<u>Positive Scenarios</u>

1. Verify that administrator can open the list of all orders sorted by the order time (newest at top) by clicking on the "View orders" button in the administration panel. ✅

2. Veryfy that orders can be filtered by status: ❌ ▣ T11RFOP-352: UC5. Redundant "search" panel TO DO , filters "By table", "By name" (Q-A in LMS) ; ▣ T11RFOP-376: UC5. Redundant filtering options TO DO

a. „Completed" ✅

b. „Declined" ✅

3. Order view

3.1 Veryfy that in <u>list view</u> orders include:

a). table number ✅

b. total number of ordered products ✅

c. order time ✅

3.2. Veryfy that in <u>specific order view</u> :

a. list of ordered products ✅

b. quantities of all the products ✅

c. total price per product (in euros) ❌ 🔲 T11RFOP-337: UC5. Order's currency `TO DO` **connected with:** 🔲 T11RFOP-60: UC3. Order preview - currency symbol is not EUR `TO DO`

d. total price of all added products (in euros) ❌ 🔲 T11RFOP-337: UC5. Order's currency `TO DO` **connected with** 🔲 T11RFOP-60: UC3. Order preview - currency symbol is not EUR `TO DO`

e. table number ✅

f. name of the customer ✅

g. customer's phone number ❌ 🔲 T11RFOP-348: UC5. Order view 1) missing customer's phone number 2) no "Back" `TO DO`

h. customer's email ✅

i. buttons "Complete" and "Decline" ❌ 🔲 T11RFOP-472: UC5. "Decline" button typo `TO DO`

 4. Completing and declining orders:

4.1 Ensure that clicking on "Complete" button, the status of the order changes accordingly. ✅

4.2 Ensure that clicking on "Decline" button, the status of the order changes accordingly. ✅

4.3 Ensure that the order moves to the appropriate section in the <u>orders list view.</u> ✅

4.4 Ensure that administrator can "Complete" "Declined" order. ✅

4.5. Ensure that administrator can "Decline" "Completed" order. ✅

5. Ensure that the administrator can navigate back to the list of all orders from the detailed order view using "Back" button. ❌ 🔲 T11RFOP-348: UC5. Order view 1) missing customer's phone number 2) no "Back" `TO DO`

Negative Scenarios

6. In case of zero "Open" orders, administrator does not see any message (confirmation). 🔲 T11RFOP-379: UC5. Wrong message text for zero open orders (filter) `TO DO`

UC6. Product management (Lisel Kaup)

Adding Products

Positive Scenarios

1. Verify and check that only users with administrator privileges can access the "Add new product" functionality and the button is visible. ✅
2. Ensure that product name cannot exceed 50 characters, minimum 2 symbols (only text field), error message should appear ("Value cannot be shorter than 2 and longer than 50 symbols"). ❌ 🔲 T11RFOP-391: UC6 Adding Products - Product name field needs restrictions `TO DO`
3. Ensure that product description is only text field (no limitation for characters). ✅
4. Ensure that product size is optional text element. ✅

5. Verify that all required fields (Product name, Description, Category, Price, Unit type, Image, Out of Stock) must be filled before allowing submission. ❌ 🔲 T11RFOP-326: UC6 Adding Product - needs to have more required fields `TO DO`

6. Check if optional fields (Size, Highlight, Allergy information) can be left empty with no errors. ✅

7. Verify the functionality of the "Is product out of stock" radio buttons (Yes/No). ❌ 🔲 T11RFOP-393: UC6 Adding product - "Out of Stock" needs Yes & No radio buttons `TO DO`

8. Ensure that categories ("Cold drinks", "Desserts", "Hot drinks", "Pasta", "Pizza", "Salads", "Soups", Starters") dropdown options are displayed correctly. ❌ 🔲 T11RFOP-327: UC6 Adding products - category field is missing option and not in alphabetical ASC order `TO DO`

9. Ensure that highlight ("House special", "Spicy", "Vegan", "Vegetarian") dropdown options are displayed correctly. ❌ 🔲 T11RFOP-328: UC6 Adding products - Highlight option needs to be dropdown list `TO DO`

10. Test if unit type dropdown options are correctly populated and selectable ("serve", "ml", "cl", "litre", "kg", "small", "medium", "large", "extra large"). ❌ 🔲 T11RFOP-398: UC6 Adding product - Unit type field has unnecessary options `TO DO`

11. Verify that the price field only accepts numeric values (cannot be less than 0, no max limit, can not have more than 2 digits after coma). ❌ 🔲 T11RFOP-447: UC6 Adding product - Price field has confusing behaviour `TO DO`
    a. Ensure that correct Error messages ("Only digits or 2 digits after point are allowed" and "The value cannot be negative") appears when entering not correct values. ✅

12. Test uploading images in appropriate formats "jpg" or "png" to ensure proper functionality. ✅
    a. If wrong format used error message "Wrong format. Only .jpg and .png images are supported." should appear. ❌ 🔲 T11RFOP-401: UC6 Adding product - Image field allows inappropriate formats without error messages `TO DO`

13. Test selecting multiple options for allergy information, if applicable (Celery, Gluten, Eggs, Fish, Lupin, Milk, Molluscs, Mustard, Nuts, Sesame, Soybeans, Sulphur dioxide and sulphites). ❌ 🔲 T11RFOP-402: UC6 Adding product - Allergy information not choosable Milk, Gluten, Eggs `TO DO`

14. Verify that clicking the "Save" button adds the product to the menu. ✅
    a. Ensure that saving is prevented if required information is missing (pop up message "Please complete all required fields.") ✅

15. Confirm that the newly added product appears correctly in the menu as per the defined business logic. ✅

16. Check if there are some unnecessary fields, which are not described in Use cases. ❌ 🔲 T11RFOP-404: UC6 Adding products - Unnecessary field `TO DO`

Negative Scenarios

1. Try if other persons with no admin credentials can access Adding Products function. ✅

Editing Product Details

Positive Scenarios

1. Verify and check that only administrators can access the "Edit" functionality and Edit button is visible. ✅

2. Ensure "Cancel" and "Save" buttons are present. ❌ 🔲 T11RFOP-405: UC6 Editing products - no Cancel button `TO DO`

3. Verify that all fields are editable. ✅

4. Ensure that field validations are applied similarly to the "Adding products" scenario. ✅

5. Test if changes can be reverted by clicking the "Cancel" button. ❌ 🔲 T11RFOP-405: UC6 Editing products - no Cancel button `TO DO`

6. Verify that changes are saved successfully by clicking the "Save" button. ✅
    a. Ensure redirection to the Menu page after saving. ✅

Negative Scenarios

1. Editing Product, but Browser closes unexpectedly, then changes are not saved. ❌ 🔲 T11RFOP-409: UC6 Editing product - The incorrect behavior of the system after interrupting product edit by browser close `TO DO`

Deleting a Product

Positive Scenarios

1. Verify and check that only administrators can access the "Delete" functionality and Delete button is visible on the product details page. ✅

2. Test if a confirmation window appears upon clicking the "Delete" button. ✅
   a. Verify that the administrator can proceed with deletion upon confirmation. ✅

3. Ensure that the product is correctly removed from the menu after deletion and is no longer visible for other users. ✅

4. Verify that deleting a product does not affect other data or functionalities within the system. ✅