**Mobile application for ordering pizza, sushi and desserts “Oregano Delivery”**

**High-level test case**

**Title:** End-to-end ordering process

**Objective:** To ensure that a user can successfully place an order through the Oregano Delivery app

1. Verify that the app displays the menu with the product catalog.
2. Verify that the user can select the preferred categories from the menu.
3. Verify that the user can select the preferred items from the category.
4. Verify that the item details, including the description, price, and image are displayed in the item’s card.
5. Verify that the user can add items to the cart and the app displays the cart with accurate product details, quantity, and price.
6. Verify that the app allows users to proceed to checkout and enter all required information.
7. Verify that the app displays an accurate order summary with the correct product details, quantity, and total price.
8. Verify that the app allows users to submit their orders.
9. Verify that the app displays a confirmation message.

**Low-level test cases**

| **Test Case ID** | | OD-1.1 | **Test Case Description** | | Test the menu navigation | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | Liliia Dovzhyk | **Reviewed By** | |  | | **Version** | | 2.1 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **QA Tester’s Log** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Liliia Dovzhyk | **Date Tested** | | 06.03.23 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | The application “Oregano Delivery” is installed on your phone | | |  | 1 | CATEGORY1=PIZZA XL | | | | |
| 2 |  | | |  | 2 | NAME1=Маргарита XL | | | | |
| 3 |  | | |  | 3 | CATEGORY2=Сети | | | | |
|  |  |  |  |  | 4 | NAME2= Сет сирний (24шт) | | | | |
|  |  |  |  |  | 5 | QUANTITY=1 | | | | |
|  |  | | | | 6 | CATEGORY3=Десерти | | | | |
|  |  | | | | 7 | NAME3=Чізкейк | | | | |
| **Test Scenario** | Verify that the user can navigate through the menu and select the preferred items. | | | |  |  |  |  |  |  |

| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|
| 1 | Open the application “Oregano Delivery” on your phone | | The application should open and the main page should display | | Pass | | |
| 2 | Select the CATEGORY1 | | The items of this category are displayed | | Pass | | |
| 3 | Click the NAME1 | | The item details, including the description, price, and image, are displayed | | Pass | | |
| 4 | Enter the QUANTITY in the field “Кількість” and click the button “Додати в кошик” | | The item is added to the cart | | Pass | | |
| 5 | Click the icon Меню | | The main page with menu categories should display | | Pass | | |
| 6 | Select the CATEGORY2 | | The items of this category are displayed | | Pass | | |
| 7 | Click the NAME2 | | The item details, including the description, price, and image, are displayed | | Pass | | |
| 8 | Enter the QUANTITY in the field “Кількість” and click the button “Додати в кошик” | | The item is added to the cart | | Pass | | |
| 9 | Click the icon Меню | | The main page with menu categories should display | | Pass | | |
| 10 | Select the CATEGORY3 | | The items of this category are displayed | | Pass | | |
| 11 | Click the NAME3 | | The item details, including the description, price, and image, are displayed | | Pass | | |
| 12 | Enter the QUANTITY in the field “Кількість” and click the button “Додати в кошик” | | The item is added to the cart | | Pass | | |

| **Test Case ID** | | OD-1.2 | **Test Case Description** | | Test the payment process by cash | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | Liliia Dovzhyk | **Reviewed By** | |  | | **Version** | | 2.1 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **QA Tester’s Log** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Liliia Dovzhyk | **Date Tested** | | 06.03.23 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | The application “Oregano Delivery” is installed on your phone | | |  | 1 | CATEGORY=PIZZA XL | | | | |
| 2 |  | | |  | 2 | NAME=Маргарита XL | | | | |
| 3 |  | | |  | 3 | PAY=Готівка | | | | |
|  |  |  |  |  | 4 | QUANTITY=1 | | | | |
| **Test Scenario** | Verify the ability to choose the type of payment by cash | | | |  |  |  |  |  |  |

| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|
| 1 | Open the application “Oregano Delivery” on your phone | | The application should open and the main page should display | | Pass | | |
| 2 | Select the CATEGORY | | The items of this category are displayed | | Pass | | |
| 3 | Click the NAME | | The item details, including the description, price, and image, are displayed | | Pass | | |
| 3 | Enter the QUANTITY in the field “Кількість” and click the button “Додати в кошик” | | The item is added to the cart | | Pass | | |
| 4 | Click the icon “Кошик” | | The cart with chosen product, quantity, and price is displayed | | Pass | | |
| 5 | Enter your contact information, select the type of payment PAY and click “Оформити замовлення” | | The message “Ви успішно оформили замовлення на самовивіз та готівковий розрахунок” is displayed and the cart is empty | | Pass | | |

| **Test Case ID** | | OD-1.3 | **Test Case Description** | | Test the functionality delivery to the address | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | Liliia Dovzhyk | **Reviewed By** | |  | | **Version** | | 2.1 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **QA Tester’s Log** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Liliia Dovzhyk | **Date Tested** | | 06.03.23 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | The application “Oregano Delivery” is installed on your phone | | |  | 1 | CATEGORY=PIZZA XL | | | | |
| 2 |  | | |  | 2 | NAME=Маргарита XL | | | | |
| 3 |  | | |  | 3 | QUANTITY=1 | | | | |
|  |  |  |  |  | 4 | STREET=Фабрична | | | | |
|  |  |  |  |  | 5 | NUMBER=20 | | | | |
| **Test Scenario** | Verify the possibility of placing an order with delivery to the address | | | |  |  |  |  |  |  |

| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|
| 1 | Open the application “Oregano Delivery” on your phone | | The application should open and the main page should display | | Pass | | |
| 2 | Select the CATEGORY | | The items of this category are displayed | | Pass | | |
| 3 | Click the NAME | | The item details, including the description, price, and image, are displayed | | Pass | | |
| 4 | Enter the QUANTITY in the field “Кількість” and click the button “Додати в кошик” | | The item is added to the cart | | Pass | | |
| 5 | Click the icon “Кошик” | | The cart with chosen product, quantity, and price is displayed | | Pass | | |
| 6 | Select the type of payment “Готівка” and the type of delivery “Доставка” | | The additional section for selecting an address appears | | Pass | | |
| 7 | Choose STREET from the drop-down list; enter NUMBER in the field “Номер будинку” and click “Оформити замовлення” | | The message “Ви успішно оформили замовлення з доставкою та готівковим розрахунком” is displayed and the cart is empty | | Pass | | |

**WBS Estimation**

| **Description** | **Total** |
| --- | --- |
| **Placing an order** | **5 hours** |
| The menu navigation | **1 hour** |
| The payment functionality by cash | **1 hour** |
| The delivery functionality to the address | **1 hour** |

The estimation is based on the assumption that each low level test case takes 1 hour.

High-level test case (Ordering Process) includes more low-level test cases, and according to the assumption it takes 5 hours for it’s execution.

**Three point Estimation**

| **TC** | **Optimistic** | **Most Likely** | **Pessimistic** | **Estimated time** |
| --- | --- | --- | --- | --- |
| **Placing an order** | **3 hours** | **5 hours** | **8 hours** | **5.33 hours** |
| The menu navigation | **0.5 hours** | **1 hour** | **2 hours** | **1.17 hours** |
| The payment functionality by cash | **0.5 hours** | **1 hour** | **2 hours** | **1.17 hours** |
| The delivery functionality to the address | **0.5 hours** | **1 hour** | **2 hours** | **1.17 hours** |