**Systems Analysis and Design**

**Phase 1 Use Case Narrative**

**D23126011**

**Vasily**

|  |  |
| --- | --- |
| Author: Vasily | Date: 01.02.2024 |
|  | Version: 1.0 |

|  |  |
| --- | --- |
| Use Case Name: | Placing Order |
| Goal Statement: | Place order for food for restaurants |
| Primary Actor: | User |
| Other Participating (Secondary) Actors: |  |
| Pre-conditions: | User have an account and log into it. User already chose food and restaurants and place it in a cart. |
| Post-conditions: | Order is placed for restaurants |

MAIN Flow (most common scenario; ‘happy path’)

|  |  |  |
| --- | --- | --- |
| **Actor Action (user requirement)** | **Application Response (functional requirement)** | **Alternate/Exceptional Flow** |
| Step 1. User went to cart and click on “Place Order” button | Step 2. Application check if all food items in a cart are avaible. | ALT-1 |
|  | Step 3. Application go to payout page. |  |
|  | Step 4. Application prompt user to input name, address, phone number |  |
| Step 5. User put correct type of information into fields |  | ALT-2 |
|  | Step 6. Application check if address is existed in a city. | EXP-1 |
|  | Step 7. Application sent user to third party payment system |  |
| Step 8. User pay for order using third party payment system |  |  |
|  | Step 9. Application send an order to restaurant |  |

ALTERNATE Scenarios (less common; still ends ‘happy’)

Alternate (name) Food items is not available (ALT-1)

Step in Main Flow when alternate scenario occurs \_\_\_2\_\_\_\_

What causes the Alternate scenario? Missing information all food items in a cart

|  |  |
| --- | --- |
| **Actor Action (user requirement)** | **Application Response (functional requirement)** |
|  | A1-1: System displays message about lack of food items A1-2: System prompts is a user ready to proceed further with all food items that avaible |
| A1-3: User agreed to remove non-avaible food items |  |
|  | A1-4: Return to Main Flow step 3 without non-avaible food items |
|  |  |
|  |  |

ALTERNATE Scenarios (less common; still ends ‘happy’)

Alternate (name) Incorrect input data information (ALT-2)

Step in Main Flow when alternate scenario occurs \_\_\_5\_\_\_\_

What causes the Alternate scenario? Incorrect format of input information

|  |  |
| --- | --- |
| **Actor Action (user requirement)** | **Application Response (functional requirement)** |
|  | A2-1: System displays message about incorrect format of input information A2-2: System prompts is a user to change information to right format |
| A2-3: User input correct information format |  |
|  | A2-4: Return to Main Flow step 6 |
|  |  |
|  |  |

EXCEPTION Scenarios (actor is not able to achieve goal)

Exception (name) \_\_\_Address is not valid (EXP-1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Step in Main Flow when exception occurs \_\_\_6\_\_

Step in Alternate Flow when exception occurs \_\_\_\_\_\_

What causes the Exception scenario? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Step** | **Actor Action (user requirement)** | **Application Response (functional requirement)** |
|  |  | E1-1: System displays message about address is not valid  E1-2: System return to step 2 of Main Flow |
|  |  |  |
|  |  |  |