Defining Classes Labs – Part 1

This is an individual lab.

Diagram

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Query all locations | | |
| Triggering Event | Request for a list of locations and their addresses | | |
| Brief Description | Allows the Owner to retrieve all locations | | |
| Actors | Owner | | |
| Related Use Cases |  | | |
| Preconditions | Owner has opened the Main Menu. | | |
| Post Conditions | All locations and addresses are displayed. | | |
| Flow of activities | Actor | | System |
|  | 1. | Requests to query all locations | Displays a list of locations.  Prompts to cancel |
|  | 2. | Chooses to cancel | returns to the main menu |
| Exception Conditions | * Owner chooses to cancel query locations | | |

Diagram

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Query all income sources and their descriptions | | |
| Triggering Event | Request for income sources | | |
| Brief Description | Allows the Owner to retrieve all income sources and their descriptions. | | |
| Actors | Owner | | |
| Related Use Cases |  | | |
| Preconditions | Owner has opened the Main Menu. | | |
| Post Conditions | All income sources and their descriptions are retrieved. | | |
| Flow of activities | Actor | | System |
|  | 1. | Requests to query all income sources | Displays a list of income sources  Prompts to cancel |
|  | 2. | Chooses to cancel | returns to the main menu |
| Exception Conditions | * Owner chooses to cancel retrieving the income sources | | |

Diagram, engineering drawing

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Query all product types. | | |
| Triggering Event | Request for product types | | |
| Brief Description | Allows the Owner to retrieve all product types. | | |
| Actors | Owner | | |
| Related Use Cases |  | | |
| Preconditions | Owner has opened the Main Menu. | | |
| Post Conditions | All product types are retrieved. | | |
| Flow of activities | Actor | | System |
|  | 1. | Requests to query all product types | Displays a list of product types  Prompts to cancel |
|  | 2. | Chooses to cancel | returns to the main menu |
| Exception Conditions | * Owner chooses to cancel query product types | | |

Diagram

Description automatically generated