In order to compare different items in a shopping mall, we need to have an app which will list all the items and then as per our convenience we can select item, add it to our cart, update the item description, and can remove the item from the cart. For our personal beauty products let’s say a face cream we can explore for different variety of brands and can actually be at better place while shopping.

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Online Shopping | | |
| Triggering Event | New items on the market | | |
| Brief Description | Allows the Owner to create an item | | |
| Actors | Customer | | |
| Related Use Cases | Customer Name, Customer Address, Customer Email, Card Number | | |
| Preconditions | Owner has the app open | | |
| Post Conditions | There are some items in cart. | | |
| Flow of activities | Customer | | System |
|  |  | Requests to add a new item | Displays item and item description. |
|  |  | Enters item type and description | Verification for item number and if it is in stock or not.  Prompt to confirm. |
|  |  | Confirmation | Adds item to the cart |
| Exception Conditions | * Owner could cancel adding the item number | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Change for item description | | |
| Triggering Event | Request to change item description | | |
| Brief Description | Allows the Owner to change product type’s description | | |
| Actors | Owner | | |
| Related Use Cases |  | | |
| Preconditions | Owner has the app open. | | |
| Post Conditions | Item description is updated | | |
| Flow of activities | Actor | | System |
|  | 1. | Requests to query an item | Displays the entire list for items and their description. |
|  | 2. | Selects an item | It will retrieve the new information added and will prompt for update. |
|  | 3. | Updates description and requests to save | Verifies that description was entered.  Saves the data |
| Exception Conditions | * Owner could cancel updating the item description | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Query for all items numbers | | |
| Triggering Event | Request for items | | |
| Brief Description | Allows the Owner to retrieve all items and their descriptions. | | |
| Actors | Owner | | |
| Related Use Cases |  | | |
| Preconditions | Owner has the app open. | | |
| Post Conditions | All items and their descriptions are retrieved. | | |
| Flow of activities | Actor | | System |
|  | 1. | Requests to query all items | Displays a list of items  Prompts to cancel |
|  | 3. | Option for cancel | Back to the homepage |
| Exception Conditions | * Owner could cancel retrieving the item. | | |

