**Use-Case for Adding a Product**

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| **Actions performed by the actor:** | **Responses from the system:** |
| 1. Clerk issues a request to add new product. |  |
|  | 2.The system asks for the product name, id, stock in hand, current price, and a reorder level. |
| 1. The clerk enters the unique product name, id, stock in hand, current price and the reorder level. |  |
|  | 1. The system checks to see if there is product with the same name already in the system. If successful, the system attempt to enter the information into the catalog and informs the clerk about the results. If that was successful, the system generates an order for twice the reorder level. If that was successful, the system reports the order was successful. Then the system then asks the clerk is there is more product to enter. |
| 1. The clerk answers yes or no. |  |
|  | 1. For yes, return to step 3. For not yes, exit process. |

**Use-Case for retrieve product info**

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| **Actions performed by the actor:** | **Responses from the system:** |
| 1. Clerk requests to retrieve product info |  |
|  | 1. The system requests a search string. |
| 1. Clerk enters a string to search for. |  |
|  | 1. The system searches the database, and returns all the product information for the products that start with the string. The information retrieved will include the products name, product id, price, stock in hand, and the reorder level. The system asks the clerk if they have another search request. |
| 1. The clerk enters yes or no. |  |
|  | 1. If the clerk enters yes, return to step 2, else exit. |

**Use-Case for List all members**

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| **Actions performed by the actor:** | **Responses from the system** |
| 1. A clerk requests a list of all members. |  |
|  | 1. The system prints out member’s name, date joined, address, and phone number for each member in the system. The system exits. |