# Casual Use Case Specification: Maintain Product

**Brief Description:** **This use case enables the Store Manager to add a product to database and update any available product.**

# Section 1: Business Rule(s):

BR 01: Each product must have unique name, ID, and description.

BR 02: The quantity of each product must be available in database.

BR 03: Product name and price must be entered for all products.

BR 04: Product ID must be system generated and a unique number assigned to each product.

BR 05: Store Manager must have unique Employee ID and password.

# Section 2: Scenarios (HD):

**Scenario 1: Add Product**

# Preconditions

Store Manager is logged in.

System displays the product Menu.

| **Step#** | **Actor (Store Manager)** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Request to login to system | Display Login screen  Prompts to enter Employee login Credentials | employeeId  employeePassword |
| 2 | Enters Employee’s ID and password | Validates data  Displays the main page  Requests to select an option | employeeId  employeePassword |
| 3 | Select the product option | Display list of products  Prompts to select a product | productName  productId |
| 4 | Select a product | Displays the information including name, id, description, quantity and price of products  Prompts to add product | productName  productid  productDescription  productQuantity  productPrice |
| 5 | Add product | Display product Page  Ask to enter a new product |  |
| 6 | Enters the new product information | Display the input  Ask to confirm |  |
| 7 | Confirms the data | Accept the input  Save the added products  Display the confirmation message | productName  productId  productDescription  ProductPrice  productQuantity |
| 8 | Request to exit | Display the main page |  |

**Successful Post-Conditions:**

A confirmation message is sent

A product is added to the database

Displays the product menu

**Scenario 2: Update Product**

# Preconditions:

Store Manager is logged in.

System displays the product Menu.

| **Step#** | **Actor ( )** | **System** | **Data Used** |
| --- | --- | --- | --- |
| 1 | Request to login to system | Display Login screen  Prompts to enter Employee login  Credentials | employeeId  employeePassword |
| 2 | Enters Employee’s ID and password | Validates data  Displays the main page  Requests to select an option | employeeId  employeePassword |
| 3 | Select the product option | Displays list of products  Prompt to select a product | productName  productId |
| 4 | Select a product to update | Display information about the product  Prompt to update product | productName  productId  productDescription  productPrice  productQuantiy |
| 5 | Updates one or more product name, id, description, price and quantity in store  Saves Data | Validates the data  Accepts the input  Saves the updated data  Display a confirmation message | productName  productId  productDescription  productPrice  productQuantiy6 |
| 6 | Request to exit | Display the main page |  |

**Successful Post-Conditions:**

A confirmation message is sent

Selected product is updated to the database

Displays the product menu