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| Use Case Name: | update inventory | |
| Scenario: | add an item in the inventory system. | |
| Triggering Event: | An administrator needs to add item to the inventory | |
| Brief Description: | This use case describes how an admin interacts with the system to manage the inventory. The admin can add new products by entering item details and quantity. Once operation is completed, the inventory is updated and reflected in the system. | |
| Actors: | Admin | |
| Stakeholders: | * Admin * Customer | |
| Preconditions: | * Admin must be logged into the system with appropriate access rights. * The admin must be have access to the inventory database. | |
| Post conditions: | * Inventory database is updated to reflect the added, modified, or removed items. * New item information is visible in the system and available for customers if applicable. | |
| Flow of Activities: | customer | System |
| 1. admin login into system | * 1. The system checks if the user is authorized and has access to modify |
| 2. Admin chooses "Manage Inventory." | 2.1 System displays inventory management options (add, update, delete). |
| 1. Admin selects an add |  |
| 1. Admin enters new item details and quantity. | 4.1 System confirms the updates |
|  | 4.2 System displays the new inventory . |
| Exception Conditions: | * 1. customer is not authorized   4.1 system doesn’t have extra memory to add new item | |