**Use Cases – תרחישי שימוש**

Store Owner use cases:

Use case: **4.1** – **Inventory management** (Add product, Remove product, Update product)

1. **Actor**: Store Owner
2. **Pre-condition**: The store owner exists in the system and is logged in to the system.
3. **Post-conditions**: In the case of success, the product is added/removed/updated according to the given parameters.
4. **Input parameters**: StoreID, Product information (name, price, ...)
5. **Actions**:
6. Store Owner attempts to add/remove/update a product in a specific shop.
7. Authentication – the system checks that the action was requested by an actual store owner of the needed store.
8. Inventory availability – the system checks that the product is available to the requested action in the inventory. (exists if the action is remove/update, not exists if the action is add)
9. Validity – the system checks that the given parameters are valid (positive,non-empty) and follow the standard rules of the store.
10. The system updates the item in the inventory.
11. The system returns a matching success response to the user.
12. **Alternatives/Extensions**:
13. If the authentication failed, a matching error message will be returned and the action will fail.
14. If the item is not available in the inventory, a matching error message will be returned and the action will fail.
15. If the given parameters are invalid (for example zero or empty) or do not follow the standard rules of the store, a matching error message will be returned and the action will fail.
16. **Acceptance tests – scenarios**:

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| **Scenario Description** | **Parameters** | **Expected Result** | **Scenario** |
| The requesting store owner does not have the right permissions (is not a store owner) in the requested store | Invaild StoreID, valid product information | Failed authentication, a matching error message will be returned. | Bad |
| The store owner is requesting to remove a non-existent product | Valid StoreID, valid product information | Failed inventory availability, a matching error message will be returned. | Bad |
| The store owner is requesting to add a new product with invalid product information (quantity -1) | Valid StoreID, invalid product information | Failed validity check, a matching error message will be returned. | Bad |
| The store owner is requesting to update an existing product, with valid product information | Valid StoreID, valid product information | Success, the product will be updated in the inventory. | Good |

Use case: **4.2** – **Update store policies** (Update purchase policy, Update discount policy)

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**Glossary – מילון מונחים**

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