**Requirements – Storage Module**

\*The requirements are ordered by priority\*

\*Colored lines symbols adds/changes from assignment1 to assignment2\*

\*Colored lines symbols adds from our perspectives to system requirements\*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Module | Func/Non-Fun | Description | Priority | Risk | Status | Executable\  Reason |
| 1 | Storage | NF | The system will be built with the same technologies of the other module that is simultaneously being built by the second team. | MH | Low | - | No. Will be available after all modules are built. |
| 2 | Storage | F | For every product, the system will allow the user to add and update the following details: id, where it is placed, who supplied it, quantity left (split to store and storage), category, subcategory), minimum required. | MH | Low | Done | Yes |
| 3 | Storage | F | The system will monitor if products quantity runs below the minimum required and automatically order new sufficient stock. | MH | High | In progress | Yes |
| 5 | Storage | F | The system will order new product stock automatically every predefined period .The automatic period order should be sent to the supplier at least one day before. | MH | High | In progress | Yes |
| 6 | Suppliers | F | For every new product stock order the system will calculate the best fitted supplier to order from, calculated by the lower supplier price. | MH | High | In progress | Yes |
| 7 | Storage | F | The system will allow the users to create reports based on categories, subcategories, sizes or bad items (outdated/damaged) | MH | High | Done | Yes |
| 8 | Storage | F | The system will allow the user to monitor the quantity of products available. | MH | High | Done | Yes |
| 9 | Storage | F | The system will monitor and record the price of the products include the supplier price and the sell price. | MH | Low | Done | Yes |
| 10 | Stroage | F | The system will allow the user to put a discount percentage on a product for a limited amount of time. | MH | High | Done | Yes |
| 11 | Stroage | F | The system will have the option to sell an item. | MH | Low | Done | Yes |
| 12 | Stroage | F | The system will have the option to change product state (undamaged to damaged). | MH | Low | Done | Yes |
| 13 | Stroage | F | The system will have the ability of adding/deleting new categories, sub-categories, products and items. | MH | Low | Done | Yes |
| 14 | Storage | F | The system will have the ability to filter products by categories and subcategories. | MH | Low | Done | Yes |
| 15 | Storage | F | The system will allow the user to filter products by size | MH | Low | Done | Yes |
| 16 | Stroage | F | The system will have the ability to track damaged or date expired products | MH | Low | Done | Yes |
| 17 | Stroage | F | The system will allow the creation of multiple storages. In order to be flexible for future company growth. | NTH | Low | Done | Yes |
| 18 | Stroage | F | After every published report on damaged items, the system will drop those items from the storage. | NTH | Low | Done | Yes |

**Questions for the client:**

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Topic | Issue | Notes |
| 1 | Minimum Quantity | How is the minimum quantity for each item is being decided - the storage manager doing it manually or is it a decided automatically by some formula? |  |
| 2 | Alert system | How does alerts show to the user? |  |
| 3 | Reports | How should reports look like? Diagrams, Tables … | Client answer: It is up to us, there is not concrete way to do it. |
| 4 | Period order | How do we defined the period? should we order every month? Or every year? … |  |
| 5 | New Product Stock | How should we calculate the sufficient new stock we need to order? Should we check average period sells? or by constant? … |  |

**Explanations for changing requirements:**

**Requirement 2 : Added new minimum required field for each products to measure if product runs below some quantity.**

**Requirement 3 : No system alerts anymore. The system will automatically order new product stock who's runs below the minimum required.**

**Requirement 4 : New Requirement.**

**Requirement 5 : New Requirement.**

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