

**WAREHOUSE FOR RESTAURANT**

**Software Requirement Specification**

**Report 3 - User Requirements**

– HoChiMinh, August 2022 –

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# Record of Changes

| **Date** | **A\* M, D** | **In charge** | **Change Description** |
| --- | --- | --- | --- |
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\*A - Added M - Modified D - Deleted

# III. User Requirements

## 1. Actors

| **#** | **Actor** | **Description** |
| --- | --- | --- |
| 1 | Member | Members are those who log into the warehouse management system. Depending on the role, the member can be a warehouse manager, a warehouse keeper or admin |
| 2 | Warehouse keeper | The warehouse keeper is responsible for performing the receiving, processing, storing and dispatching of inventory according to purchase orders and shipping schedules. Their duties include placing orders, declaring raw materials, inventorying each warehouse and reporting on warehouse management software for restaurants. |
| 3 | Manager | A warehouse operations manager oversees the entire distribution plan of a business and manages warehouse operations by planning, dispatching, order management, and reporting on the software. |
| 4 | Administrator | Administrator is the person who can operate, customize the content of the system and manage user information. |

## 2. Use Cases1

### 2.1 Diagram

### 2.2 Descriptions

| **ID** | **Use Case** | **Actors** | **Use Case Description** |
| --- | --- | --- | --- |
| UC-01 | Login | Member |  |
| UC-02 | Logout | Member |  |
| UC-03 | Change password | Member |  |
| UC-04 | Declare raw material | Manager |  |
| UC-05 | Declare quantitative recipes | Manager |  |
| UC-06 | Edit material information | Manager |  |
| UC-07 | Edit recipes information | Manager |  |
| UC-08 | Manage import | Manager  Warehouse keeper |  |
| UC-09 | Manage export | Manager  Warehouse keeper |  |
| UC-10 | Export according to quantitative recipes | Manager  Warehouse keeper |  |
| UC-11 | Manage Transfer | Manager  Warehouse keeper |  |
| UC-12 | Inventory of raw materials | Manager  Warehouse keeper |  |
| UC-13 | Statistic remaining raw materials | Manager  Warehouse keeper |  |
| UC-14 | Look up the details of the import | Manager  Warehouse keeper |  |
| UC-15 | Look up the details of the export | Manager  Warehouse keeper |  |
| UC-16 | Look up the details of the transfer | Manager  Warehouse keeper |  |
| UC-17 | Look up warehouse tags | Manager  Warehouse keeper |  |
| UC-18 | View general report | Manager  Warehouse keeper |  |
| UC-19 | View detailed report | Manager  Warehouse keeper |  |
| UC-20 | View account list | Admin |  |
| UC-21 | Add account | Admin |  |
| UC-22 | Delete account | Admin |  |
| UC-23 | Edit account role | Admin |  |
| UC-24 | View list of warehouse tags | Admin |  |
| UC-25 | Add warehouse tag | Admin |  |
| UC-26 | Delete warehouse tag | Admin |  |
| UC-27 | Edit warehouse tag | Admin |  |

#### 2.2.1 Login

| ID and Name: | **UC-01 Login** | | |
| --- | --- | --- | --- |
| Created By: | TaiNT | Date Created: | 07/10/22 |
| Primary Actor: | Member | Secondary Actors: | N/A |
| Description: | Members log in to the system to access the functionality of the system. | | |
| Trigger: | The member wants to authorize the system so that the member can access more functions. | | |
| Preconditions: | **PRE-1.** The account exists in data the base | | |
| Postconditions: | **POST-1.** The system notifies “Login successful”.  **POST-2.** The system informs the message corresponding to the error code. | | |
| Normal Flow: | **Member log in to WRS**  1. The system requests that the member enter his/her username and password.  2. The member enters his/her name and password. (E-01)  3. The system validates the entered name and password and logs the member into the system. | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **E-01: Username or password is wrong**  1. System shows a message: “Username or password is not correct. Please re-enter.”  2. System starts normal flow over. | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | None | | |
| Other Information: | N/A | | |
| Assumptions: | Account has been generated and provided for the system. | | |

#### 2.2.2 Logout

| ID and Name: | **UC-02 Logout** | | |
| --- | --- | --- | --- |
| Created By: | TaiNT | Date Created: | 07/10/22 |
| Primary Actor: | Member | Secondary Actors: | N/A |
| Description: | The member clicks on “Logout” and their session is terminated. | | |
| Trigger: | Members have finished using the system. | | |
| Preconditions: | **PRE-01.** Members have been logged in. | | |
| Postconditions: | **POST-01**. The system shows a notification “Member log out”. | | |
| Normal Flow: | **Member logout WRS**  1. Members are done using the system.  2. Member clicks on the “Logout” button  3. The system logs the member out. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Medium | | |
| Frequency of Use: | Whenever the actor wants to log out. | | |
| Business Rules: | None | | |
| Other Information: | N/A | | |
| Assumptions: | Members have connected to the system. | | |

#### 2.2.3 Change password

| ID and Name: | **UC-03 Change password** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 07/10/22 |
| Primary Actor: | Member | Secondary Actors: | N/A |
| Description: | This feature allows member to change their password. | | |
| Trigger: | A member wants to change the password. | | |
| Preconditions: | **PRE-1**. A member’s account has to be logged in first | | |
| Postconditions: | **POST-1**. Asking if members want to save.  **POST-2.** Sending a message when changing successfully. | | |
| Normal Flow: | **Changing new password**  1. Members click “profile” -> “change password”.  2. Members input a current password and a new password. (E-01)  3. WRS stores the new password and notifies “Save successfully”. | | |
| Alternative Flow: | **Changing password when forgetting**  1. Member click “forget password” at the login  2. System sends a password change request to the administrator and notifies “Submit successfully” | | |
| Exceptions: | **E-01: Member enters the same password**  1. System show message: “Duplicate password”.  2. The system asks members to change another password (3a) or to exit (4a).  3a. Member asks to change another password.  3b. The system starts normal flow over.  4a. Member asks to exit.  4b. System terminates use case. | | |
| Priority: | High | | |
| Frequency of Use: | N/A | | |
| Business Rules: | **BR-5** | | |
| Other Information: | N/A | | |
| Assumptions: | Members have connected to the system. | | |

#### 2.2.4 Declare raw material

| ID and Name: | **UC-04 Declare raw material** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 07/10/22 |
| Primary Actor: | Manager | Secondary Actors: | N/A |
| Description: | This feature allows managers to declare new material in the WRS. | | |
| Trigger: | The manager wants to add materials. | | |
| Preconditions: | **PRE-1**. The manager has to be logged in first. | | |
| Postconditions: | **POST-1.** Sending a message: “Added successfully”.  **POST-2.** System informs the message corresponding to the error code. | | |
| Normal Flow: | **Adding new materials**  1. Manager choose Declare raw material -> Category -> Product -> Adding items.  2. Manager input name, code, type, price, and status. (E-01)  3. Manager clicks the “Save” button. (E-02)  4. The system stores that material and shows a message: ”Saved successfully”. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01. At least one input field doesn’t match the constraint**  1. System shows an error message corresponding to the fail constraint.  2. System reset wrong input.  3. System starts normal flow over.  **E-02. Not enough space**  1. System shows an error message: ”Not enough space“ when adding too much material.  2. System terminates use case. | | |
| Priority: | High | | |
| Frequency of Use: | N/A | | |
| Business Rules: | **BR-2, BR-3** | | |
| Other Information: | N/A | | |
| Assumptions: | The manager has connected to the system. | | |

#### 2.2.5 Declare quantitative recipes

| ID and Name: | **UC-05 Declare quantitative recipes** | | |
| --- | --- | --- | --- |
| Created By: | HuyDH | Date Created | 07/10/22 |
| Primary Actor: | Manager | Secondary Actors: | N/A |
| Description: | The system performs the task of adding quantitative recipes entered by the manager. | | |
| Trigger: | The manager wants to declare quantitative recipes. | | |
| Preconditions: | **PRE-1.** The manager has to be logged in first. | | |
| Postconditions: | **POST-1.** Sending a message when the declaration is successful.  **POST-2.** System informs the message corresponding to the error code. | | |
| Normal Flow: | **Manager declare quantitative recipes**  1. Manager clicks “Declare quantitative” in the “Manage recipes” section.  2. Manager fills quantitative recipe information. (E-01)  3. Click the “Save” button. (E-02)  4. The system stores quantitative recipe information and shows a message “Saved successfully”. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01. At least one input field doesn’t match the constraint**   1. System shows an error message corresponding to the fail constraint.   2. System reset wrong input.  3. System starts normal flow over.  **E-02. Not enough space**  1. System shows an error message: ”Not enough space“ when adding.  2. System starts normal flow over. | | |
| Priority: | High | | |
| Frequency of Use: | N/A | | |
| Business Rules: | **BR-3** | | |
| Other Information: | N/A | | |
| Assumptions: | Manager has connected to the system. | | |

#### 2.2.6 Edit material information

| ID and Name: | **UC-06 Edit material information** | | |
| --- | --- | --- | --- |
| Created By: | TamNHM | Date Created | 07/10/22 |
| Primary Actor: | Manager | Secondary Actors: | N/A |
| Description: | This feature allows the manager to edit material information. | | |
| Trigger: | Manager wants to change material and declare information. | | |
| Preconditions: | **PRE-1.** Manager has to be logged in first. | | |
| Postconditions: | **POST-1.** WRS shows the message “edited successfully”.  **POST-2.** System informs the message corresponding to the error code. | | |
| Normal Flow: | **Manager edits material information**  1. Manager clicks “Edit material information” in "Manage material " section.  2. Manager edits necessary information. (E-01)  3. Manager clicks the “Save” button.  4. The system saves the change of the material information and shows a message “Saved successfully”. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01. At least one input field doesn’t match the constraint**  1. System shows an error message corresponding to the fail constraint.  2. System reset wrong input.  3. System starts normal flow over. | | |
| Priority: | High | | |
| Frequency of Use: | Every time a manager needs to edit information. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A. | | |
| Assumptions: | Manager has connected to the system. | | |

#### 2.2.7 Edit recipes information

| ID and Name: | **UC-07 Edit recipes information** | | |
| --- | --- | --- | --- |
| Created By: | HuyDH | Date Created | 10/10/22 |
| Primary Actor: | Manager | Secondary Actors: | N/A |
| Description: | Manager can edit recipes information. | | |
| Trigger: | Manager wants to change recipes information. | | |
| Preconditions: | **PRE-1**. Manager has to be logged in first. | | |
| Postconditions: | **POST-1**. System shows the message “edited successfully”.  **POST-2.** System informs the message corresponding to the error code. | | |
| Normal Flow: | **Manager edits material information**  1. Manager clicks “Edit recipes information” in the Manage recipes section.  3. Manager edits necessary information. (E-01)  4. Manager clicks the “Save” button.   1. The system saves the change of the recipes information and shows a message “Saved successfully”. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01. At least one input field doesn’t match the constraint**   1. System shows an error message corresponding to the fail constraint.   2. System reset wrong input.  3. System starts normal flow over. | | |
| Priority: | High | | |
| Frequency of Use: | Every time manager needs to edit information | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | Manager has connected to the system. | | |

#### 2.2.8 Manage import

| ID and Name: | **UC-08 Manage import** | | |
| --- | --- | --- | --- |
| Created By: | TaiNT | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows warehouse keeper to import material into the warehouse | | |
| Trigger: | Warehouse keepers want to import material into the warehouse. | | |
| Preconditions: | **PRE-1.** The warehouse keeper has logged in by the warehouse keeper account. | | |
| Postconditions: | **POST-1.** WRS shows a dialog with a successful message when the licence has been saved on the system.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Warehouse keeper import material into warehouse**  1. Warehouse keeper chooses Warehouse tag -> Import.  2. Warehouse keeper select Distributor -> Select Material -> Quantity  3. Warehouse keeper clicks the “Save” button. (E-01)  4. WRS performs import at the request of the warehouse keeper | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01: Not enough space**  1. WRS shows an error message:” Not enough space “when imported.  2. System terminates use case. | | |
| Priority: | High | | |
| Frequency of Use: | Medium | | |
| Business Rules: | **BR-1** | | |
| Other Information: | N/A | | |
| Assumptions: | Warehouse keeper or Manager has connected to the system. | | |

#### 2.2.9 Manage export

| ID and Name: | **UC-09 Manage export** | | |
| --- | --- | --- | --- |
| Created By: | NhanDD | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows warehouse keeper to export material from the warehouse | | |
| Trigger: | Warehouse keeper wants to export material from the warehouse | | |
| Preconditions: | **PRE-1.** The warehouse keeper has logged in by the warehouse keeper account. | | |
| Postconditions: | **POST-1.** WRS shows a dialog with a successful message when the licence has been saved on the system.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Manager export material from WRS**  1. Warehouse keeper chooses warehouse tag -> export  2. Warehouse keeper select Distributor -> Select Material -> Quantity  3. WRS will check the inventory and show the quantity of materials.  4. Warehouse keeper input quantity of materials  5. Warehouse keeper clicks the “Save” button. (E-01)  6. WRS performs export at the request of the warehouse keeper | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01: The quantity is not enough to export**  1. The system shows message: “The quantity is not enough to export  2. The system asks warehouse keeper want to input another quantity (3a) or to exit (4a).  3a. Warehouse keeper asks to input another quantity.  3b. The system starts normal flow over.  4a. Warehouse keeper asks to exit.  4b. The system terminates use case. | | |
| Priority: | High | | |
| Frequency of Use: | Every time the warehouse keeper wants to export. | | |
| Business Rules: | **BR-1** | | |
| Other Information: | N/A | | |
| Assumptions: | Warehouse keeper or Manager has connected to the system. | | |

#### 2.2.10 Export according to quantitative recipes

| ID and Name: | **UC-10 Export according to quantitative recipes** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows warehouse keeper to export according to quantitative recipes | | |
| Trigger: | Warehouse keeper want to export according to quantitative | | |
| Preconditions: | **PRE-1.** Warehouse keeper has to be logged in first  **PRE-2.** Raw materials in warehouse must be available before export | | |
| Postconditions: | **POST-1.** WRS updates information after exporting  **POST-2.** WRS show updated information | | |
| Normal Flow: | **Warehouse keeper export materials according to recipes**  1. Warehouse keeper or manager chooses warehouse tag -> export -> export according to quantitative recipes.  2. Warehouse keeper input recipes.  3. Warehouse keeper click “Save” button.  4.The WRS save the request and send response | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | None | | |
| Other Information: | N/A | | |
| Assumptions: | Warehouse keeper has connected to the system. | | |

#### 2.2.11 Manage transfer

| ID and Name: | **UC-11 Manage transfer** | | |
| --- | --- | --- | --- |
| Created By: | HuyDH | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows warehouse keeper to transfer material between warehouses | | |
| Trigger: | Warehouse keeper want to transfer material between warehouse | | |
| Preconditions: | **PRE-1.** Warehouse keeper has to be logged in first | | |
| Postconditions: | **POST-1.** WRS shows a dialog with a successful message when the license has been saved on the system.  **POST-2.** WRS show a dialog with a specified error message. | | |
| Normal Flow: | **Manager transfer materials between warehouses**  1. Warehouse keeper chooses warehouse tag -> transfer  2. Warehouse keeper inputs name, code, type, price, status  3. Warehouse keeper chooses warehouse to transfer  4. Warehouse keeper clicks “Save” button. (E-01)  5. The system transfers material to the target warehouse and shows message “Transfer successfully” | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **E-01: The quantity is not enough to transfer**  1. The system shows message: “The quantity is not enough to transfer”  2. The system asks the warehouse keeper to input another quantity (3a) or to exit (4a).  3a. Warehouse keeper asks to input another quantity.  3b. The system starts normal flow over.  4a. Warehouse keeper asks to exit.  4b. The system terminates use case. | | |
| Priority: | High | | |
| Frequency of Use: | N/A | | |
| Business Rules: | **BR-1** | | |
| Other Information: | N/A | | |
| Assumptions: | Warehouse keeper has connected to the system. | | |

#### 2.2.12 Inventory of raw materials

| ID and Name: | **UC-12 Inventory of raw materials** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows the Warehouse keeper or Manager to check the number of raw materials. | | |
| Trigger: | Warehouse keeper or Manager wants to inventory of raw materials | | |
| Preconditions: | **PRE-1.** Warehouse keeper or Manager has to be logged in first | | |
| Postconditions: | **POST-1.** WRS will print material list in the warehouse | | |
| Normal Flow: | **Inventory of raw materials**  1. Warehouse keeper or Manager click “Inventory of material” on Manage material section  2. The system will print current material list in the warehouse | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | Normal | | |
| Business Rules: | **BR-3** | | |
| Other Information: | N/A | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.13 Statistic remaining raw material

| ID and Name: | **UC-13 Statistic remaining raw material** | | |
| --- | --- | --- | --- |
| Created By: | HuyDH | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows the Warehouse keeper or Manager to make inventory statistics. | | |
| Trigger: | Warehouse keeper or Manager wants to inventory statistics. | | |
| Preconditions: | **PRE-1.** Warehouse keeper or Manager has to be logged in first | | |
| Postconditions: | **POST-1.** The system shows the screen is the inventory statistics table.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Statistic remaining raw material**  1. Warehouse keeper or Manager chooses “Statistic remaining raw material” in Manage raw material.  2. The system shows a table of inventory statistics | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | Each week | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.14 Look up the details of the import

| ID and Name: | **UC-14 Look up the details of the import** | | |
| --- | --- | --- | --- |
| Created By: | TaiNT | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows the Warehouse keeper or Manager to search detail about importing material | | |
| Trigger: | Warehouse keeper or Manager wants to search for details of the import. | | |
| Preconditions: | **PRE-1.** Warehouse keeper or Manager has to be logged in first | | |
| Postconditions: | **POST-1.** The system shows list of details import material  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Look up the details of the import**  1. Warehouse keeper or Manager chooses “Lookup detail import” in Search information.  2. The system shows a list of detailed import materials. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | Normal | | |
| Business Rules: | **BR-1** | | |
| Other Information: | N/A | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.15 Lookup the details of the export

| ID and Name: | **UC-15 Lookup the details of the export** | | |
| --- | --- | --- | --- |
| Created By: | TaiNT | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows the Warehouse keeper or Manager to search detail about export material | | |
| Trigger: | Warehouse keeper or Manager wants to search for details of the export. | | |
| Preconditions: | **PRE-1.** Warehouse keeper or Manager has to be logged in first | | |
| Postconditions: | **POST-1.** The system shows list of details export material  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Look up the details of the export**  1. Warehouse keeper or Manager chooses “Lookup detail export” in Search information.  2. The system shows a list of detailed export material. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | Normal | | |
| Business Rules: | None | | |
| Other Information: | N/A | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.16 Lookup the details of the transfer

| ID and Name: | **UC-16 Lookup the details of the transfer** | | |
| --- | --- | --- | --- |
| Created By: | HuyDH | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows the Warehouse keeper or Manager to look up detail of the transfer between warehouses | | |
| Trigger: | Warehouse keeper or Manager wants to view transfer details. | | |
| Preconditions: | **PRE-1.** Warehouse keeper or Manager has to be logged in first | | |
| Postconditions: | **POST-1.** The system shows list of details transfer material  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Look up the details of the transfer**  1. Warehouse keeper or Manager chooses “Lookup detail transfer” in Search information.  2. The system shows a list of detailed transfer material. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | Normal | | |
| Business Rules: | **BR-1** | | |
| Other Information: | N/A | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.17 Lookup warehouse tags

| ID and Name: | **UC-17 Lookup warehouse tags** | | |
| --- | --- | --- | --- |
| Created By: | HuyDH | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse keeper | Secondary Actors: | Manager |
| Description: | This feature allows the Warehouse keeper or Manager to look up the detail of the warehouse according to warehouse tag | | |
| Trigger: | Warehouse keeper or Manager wants to view the detail of the warehouse according to warehouse tag | | |
| Preconditions: | **PRE-1.** Warehouse keeper or Manager has to be logged in first | | |
| Postconditions: | **POST-1.** The system shows the detail of a specific warehouse according to warehouse tag  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Warehouse keeper or Manager looks up warehouse tags**  1.Warehouse keeper or Manager chooses “Look up warehouse tag” in Search information section  2. Warehouse keeper or Manager inputs warehouse tag  3.The system shows the detail of the specific warehouse according to the warehouse tag | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | High | | |
| Business Rules: | **BR-2** | | |
| Other Information: | N/A | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.18 View general report

| ID and Name: | **UC-18 View general report** | | |
| --- | --- | --- | --- |
| Created By: | NhanDD | Date Created: | 07/10/22 |
| Primary Actor: | Warehouse Keeper | Secondary Actors: | Manager |
| Description: | Warehouse keeper and Manager view a general report every week. | | |
| Trigger: | Warehouse keeper and Manager chooses the report type on report section. | | |
| Preconditions: | **PRE-1.** Warehouse keeper and Manager needs to login to WRS. | | |
| Postconditions: | **POST-1.** Sending a message when the report is exported successfully.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Warehouse keeper and manager view general report**  1. WRS clicks “Manage report” on the report section.  2. Choose “Report type”.  3. Choose “Detail report”.  4. Click the “Export” button.  5. WRS will export reports as excel or word file extension. | | |
| Alternative Flow: | None | | |
| Exceptions: | None | | |
| Priority: | Normal | | |
| Frequency of Use: | Each week | | |
| Business Rules: | **BR-6** | | |
| Other Information: | Warehouse keeper or Manager can check and export the report anytime whatever they need. | | |
| Assumption: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.19 View detail report

| ID and Name: | **UC-19 View detail report** | | |
| --- | --- | --- | --- |
| Created By: | TamNHM | Date Created | 07/10/22 |
| Primary Actor: | Warehouse Keeper | Secondary Actors: | Manager |
| Description: | Warehouse keeper and Manager will view a detailed report every month. | | |
| Trigger: | Warehouse keeper and Manager chooses the report type on the report section. | | |
| Preconditions: | **PRE-1.** Warehouse keeper and Manager needs to login to WRS. | | |
| Postconditions: | **POST-1.** Sending a message when the report is exported successfully.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Warehouse keeper and manager view detail report**  1. WRS clicks “Manage report” on the report section.  2. Choose “Report type”.  3. Choose “Detail report”.  4. Click the “Export” button.  5. WRS will export reports as excel or word file extension. | | |
| Alternative Flow: | **View detail goods’ information**  1. Users click "Import/export’s notes”.  2. WRS shows a detailed report of total import and export quantity over time and inventory in stock. | | |
| Exceptions: | N/A | | |
| Priority: | Normal | | |
| Frequency of Use: | Each month | | |
| Business Rules: | **BR-6** | | |
| Other Information: | Warehouse keepers or Managers can check and export the report anytime whatever they need. | | |
| Assumptions: | Manager or Warehouse keeper has connected to the system. | | |

#### 2.2.20 View account list

| ID and Name: | **UC-20 View account list** | | |
| --- | --- | --- | --- |
| Created By: | TaiNT | Date Created | 07/10/22 |
| Primary Actor: | Admin | Secondary Actors: | None |
| Description: | This feature allows the admin to view accounts in detail. | | |
| Trigger: | Admin wants to see the account list. | | |
| Preconditions: | **PRE-1.** Actor must be an admin to do this feature. | | |
| Postconditions: | **POST-1.** WRS will print the account list.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Admin has account information**  1. Go to the Admin Page.  2. Click on Manage Users on the sidebar.  3. The system shows a list of all users with email, role, and action.  4. Admin clicks the username.  5. The system shows all the information of registered users. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Normal | | |
| Business Rules: | **BR-5** | | |
| Other Information: | N/A | | |
| Assumptions: | Administrator keeper has connected to the system. | | |

#### 2.2.21 Add account

| ID and Name: | **UC-21 Add account** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | This feature is used to add an account. | | |
| Trigger: | An Administrator choose” Add” from “Manage account”. | | |
| Preconditions: | **PRE-1.** An account logged in WRS must be Administrator. | | |
| Postconditions: | **POST-1** Sending a message when changing successfully.  **POST-2.** WRS shows a dialog with a specified error message. | | |
| Normal Flow: | **Edit account role**  1. Administrator click “Manage account” -> “Add”  2. Administrator add information for new account  3. Administrator click “Save” button  4. WRS store new information and send a message: “Add successfully” | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | None | | |
| Business Rules: | **BR4 BR5** | | |
| Other Information: | N/A | | |
| Assumptions: | Administrator has connected to the system. | | |

#### 2.2.22 Delete account

| ID and Name: | **UC-22 Delete account** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | This feature is used to delete accounts. | | |
| Trigger: | An Administrator chooses “Delete” from “Manage account”. | | |
| Preconditions: | **PRE-1.** An account logged in WRS must be Administrator. | | |
| Postconditions: | **POST-1.** Asking if the administrator wants to save.  **POST-2.** Sending a message when changing successfully. | | |
| Normal Flow: | **Edit account role**  1. Administrator click “Manage account”.  2. Administrator chooses the account to delete.  3. Administrator clicks the “Save” button.  4. WRS updates new information and sends a message: “Delete successfully”. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Low | | |
| Business Rules: | **BR-4 BR-5** | | |
| Other Information: | N/A | | |
| Assumptions: | Administrator has connected to the system. | | |

#### 2.2.23 Edit account role

| ID and Name: | **UC-23 Edit account role** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | This feature is used to change a member's role. | | |
| Trigger: | An Administrator chooses “Edit” from “Manage account”. | | |
| Preconditions: | **PRE-1.** An account logged in WRS must be Administrator. | | |
| Postconditions: | **POST-1.** Asking if the administrator wants to save.  **POST-2.** Sending a message when changing successfully. | | |
| Normal Flow: | **Edit account role**  1. Administrator click “Manage account” ->`` Edit''.  2. Administrator edit role for members.  3. Administrator clicks the “Save “button.  4. WRS updates new information and sends a message: “Save successfully”. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Low | | |
| Business Rules: | **BR-4 BR-5** | | |
| Other Information: | N/A | | |
| Assumptions: | Administrator keeper has connected to the system. | | |

#### 2.2.24 View list of warehouse tags

| ID and Name: | **UC-24 View list of warehouse tags** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | Administrator want to view all warehouse tags. | | |
| Trigger: | An Administrator chooses “Manage warehouse tag”. | | |
| Preconditions: | PRE-1. An account logged in WRS must be Administrator.  PRE-2. Warehouse tags must be available. | | |
| Postconditions: | POST-1. System shows a list of warehouse tags. | | |
| Normal Flow: | **Add warehouse tag**  1. Administrator click “Manage warehouse tag”.  2. System shows a list of warehouse tags. | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | None | | |
| Business Rules: | **BR-3** | | |
| Other Information: | 1.Only Administrator can view warehouse tag | | |
| Assumptions: | Administrator keeper has connected to the system. | | |

#### 2.2.25 Add warehouse tag (chưa sửa xong)

| ID and Name: | **UC-25 Add warehouse tag** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | Administrator want to add new warehouse tag | | |
| Trigger: | An Administrator choose “Add” from “Manage Warehouse tag” | | |
| Preconditions: | PRE-1. An account logged in WRS must be Administrator  PRE-2. A warehouse tag, administrator want to add must be available | | |
| Postconditions: | POST-1. Asking if administrator want to save  POST-2. Sending a message when adding successfully. | | |
| Normal Flow: | **Add warehouse tag**  1. Administrator click “Manage Warehouse tag” -> “Add”  2. Administrator add information for new warehouse tag  3. Administrator click “save change” button  4. WRS update new information and send a message:” save successfully” | | |
| Alternative Flow: | N/A | | |
| Exceptions: | **Duplicate ID**  1.System show an error: “This ID has existed”  2.System ask to change new ID or replace | | |
| Priority: | High | | |
| Frequency of Use: | None | | |
| Business Rules: | **BR-2** | | |
| Other Information: | 1.Only Administrator can add warehouse tag | | |
| Assumptions: | Administrator keeper has connected to the system. | | |

| ID and Name: | **UC-26 Delete warehouse tag** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | If warehouse tag is not used, administrator can delete it | | |
| Trigger: | An Administrator choose “Delete” from “Manage warehouse tag” | | |
| Preconditions: | PRE-1. A account logged in WRS must be Administrator  PRE-2.A warehouse tag, administrator want to delete must be available | | |
| Postconditions: | POST-1. Asking if administrator want to save  POST-2. Sending a message when deleting successfully. | | |
| Normal Flow: | **delete warehouse tag**  1. Administrator click “Manage Warehouse tag”  2. Administrator choose warehouse tag to delete  3. Administrator click “Save change” button  4. WRS update new information and send a message:” save successfully” | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | None | | |
| Business Rules: | **BR-2** | | |
| Other Information: | 1.Only Administrator can delete warehouse tag | | |
| Assumptions: | Administrator keeper has connected to the system. | | |

| ID and Name: | **UC-27 Edit warehouse tag** | | |
| --- | --- | --- | --- |
| Created By: | MinhNQ | Date Created: | 10/07/22 |
| Primary Actor: | Administrator | Secondary Actors: | none |
| Description: | If information on warehouse tag is not correct, administrator can edit it | | |
| Trigger: | An Administrator choose “Edit” from “Manage Warehouse tag” | | |
| Preconditions: | PRE-1. An account logged in WRS must be Administrator  PRE-2. A warehouse tag, administrator want to edit must be available | | |
| Postconditions: | POST-1. Asking if administrator want to save  POST-2. Sending a message when changing successfully. | | |
| Normal Flow: | **Edit warehouse tag**  1. Administrator click “Manage Warehouse tag” -> “Edit”  2. Administrator input new information  3. Administrator click “save change”button  4. WRS update new information and send a message:” save successfully” | | |
| Alternative Flow: | **Wrong information**  1. System show an error:” wrong data type ”  2. Edit again | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | None | | |
| Business Rules: | **BR-2** | | |
| Other Information: | 1.Only Administrator can edit warehouse tag | | |
| Assumptions: | N/A | | |

## 3. Business Rules

*[Provide common business rules that you must follow. The information can be provided in the table format as the sample below]*

<<Sample:

| **ID** | **Rule Definition** |
| --- | --- |
| BR-1 | To transfer or export, warehouse must not be empty materials(which will be exported or transferred ) |
| BR-2 | ID ,Notes aren’t duplicate |
| BR-3 | Quantities, price aren’t < 0 |
| BR-4 | The functions are limited by role |
| BR-5 | Each roles have at least one account |
| BR-6 | Report must be update daily |

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