## Tran-MS05-16 Smallwares Card

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| **MS05-16 Smallwares Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.20 | Bonnie | First version, copy from RS06-04 Item details –Mapping Non-food Item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  <https://wonder.atlassian.net/wiki/x/foHt_g> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## [depricated]MS05-17 Guest Packaging Card

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| **MS05-17 Guest Packaging Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.20 | Bonnie | First version, copy from RS06-04 Item details –Mapping Non-food Item | | 1.1 | 2023.3.28 | Bonnie | Accurate Recipe Costs in Cookbook | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**   1. User can add “Guest Packaging” for **a truck item** , that ops teams can track the consumption of guest packaging items as it relates to dishes. 2. When user associate a non-food item with a specific version of truck item, that means we associate a non-food item level rather than a specific non-food item version. 3. If no guest packaging item has been associated in the ‘Guest Packaging’ card. Display the following screenshot: 4. If any guest pack item has been associated in the ‘Guest Packaging’ card. Display the following screenshot:      1. Show ‘Cost’ column at the right of ‘Inventory Unit’ column. Cost= standard cost\*quantity.   If any guest packaged item is missing cost, show “ -- ”  Show tip: ‘Missing Standard Cost’.  If unit is not consistent, show tip: ‘Inventory unit ({g}) is not consistent with standard cost unit ({ea})’  If the guest package’s attribute is reusable, the cost should be 0.   1. If all guest pack items have been removed from the ‘Guest Packaging’ card. Display the ‘Last Updated’ field as the following screenshot:      1. There is a section “Guest Packaging” in item detail page under Attribute values section, as follows:   电脑屏幕截图  描述已自动生成   1. If some guest packaging items have been mapping, display the details of guest packaging items, including item number, item name, quantity and inventory unit. 2. One truck item can be mapped multi guest packaging items. 3. The list of guest packaging items order as “update time” DESC. 4. Display “Remove” button for each selected guest packaging items. 5. The mapping between truck item and guest packaging items could be dismiss by clicking “Remove”. But we will display a pop-up warning first.      1. Copy: first line” Remove Guest Packaging”, second line “Are you sure you want to dismiss the mapping with {guest packaging item name} ?” 2. Action: 3. “Yes”: dismiss the mapping between truck item and guest packaging items. 4. “No”: close the pop-up warning, stay on the item detail page. 5. Display a “pencil” image beside quantity. Clicking the image, the grid of quantity turns to editable. The value is positive integer.   As follows:  图形用户界面  中度可信度描述已自动生成   1. Click an item number or an item name in Guest Packaging item grid, user can go to the Guest Packaging Item Detail page. 2. If there is no Guest Packaging item, never show the item grid, as follows:   表格  描述已自动生成   1. Use clicks the button “Add” , show a pop-up window where user can select items from drop down. As follows:   图形用户界面, 文本, 应用程序  描述已自动生成   1. The drop down only can be pulled based on object type “Non-Food” and sub-type “Guest Packaging” 2. Items can be selected by item ID or item name for a fuzzy search, listing related guest packaging items { item ID item name} according to relevancy DESC. Only support single selection for one search. As follows:   图形用户界面, 文本  描述已自动生成   1. The default value of quantity is 1, can be changed manually. The value is positive integer. 2. The moment one item was selected, the drop down list will not show it again. 3. The action of pop-up window:   “Cancel”: close the pop-up window.  “Add”: select the item, close the pop-up window and show the selected item in gird.   1. We need to record “edit time” and “edit by” for mapping Guest Packaging on truck item level, and we won’t show them in UI. 2. If a sub-type of non-food item is change from guest packaging to the other sub-types. Display a pop-up window warning first. The copy is “This non-food item has been mapped with {truck item nameA,truck item nameB} , editing sub-type will dismiss the mapping. Are you sure edit the sub-type?”   Actions: “Yes”, clicking it will dismiss the mapping and change the sub-type.  “Cancel”, clicking it to close the pop-up window.   1. Project the mapping data into a snowflake table that ops teams can analyze the consumption of guest packaging items. 2. Allow user to delete a truck item even it has mapped with guest packaging. But we will display a pop-up warning first.   Copy: “Are you sure  This item has set up guest packaging. Deleting this item will remove the mapping. Are you sure delete this item?”  Action:  “Yes”: The mapping will be deleted firstly, then the truck item will be deleted at the same time.  “No”: close the pop-up warning, stay on the item detail page.   1. Allow user to delete a non-food item even it has been mapped with truck item. But we will display a pop-up warning first.   Copy: “Are you sure  This item has been mapped truck item. Deleting this item will remove the mapping. Are you sure delete this item?”  Action:  “Yes”: The mapping will be deleted firstly, then the non-food item will be deleted at the same time.  “No”: close the pop-up warning, stay on the item detail page. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## [depricated] MS05-18 Nutrition Data

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| **MS05-18 Nutrition Data** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.11.4 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**   1. **Display a ‘Base Nutrition Facts’ card on ‘ERP Item Information’ tab of truck item detail page.**      1. If any field missing display None in gray chip. If all nutrients are missing, display ‘No Data’ with icon. If any nutrient is missing, display ‘--’.      1. If the truck item hasn’t created components. Display ‘None’ in the card, like this:      1. Display ‘Note’, the copy is as following:   Note:   1. If the item has mandatory type of customization, base nutrition does not include default mandatory option's nutrition data. 2. Consumer App's nutrition is synced from item's nutrition. 3. Item's nutrition is calculated according to nutrition data of its components. 4. If a subcomponent’s nutrition is changed and approved by nutritionist. The item's nutrition will be automatically recalculated at 3:30 AM. 5. You can click "Recalculate" to manual recalculation of nutrition and sync to Consumer App. 6. A truck item’s base nutrition information is calculated in these ways:  * For nutrition, it will get the mapping recipe’s nutrition data minus the default mandatory choice’s nutrition. It means, it does not include any mandatory type of option value’s nutrition. * For Allergens/Ingredients, it get its mapping recipe’s first level components’ allergnes/ingredients, except the default mandatory option value, get the aggregate results, keep the duplicate data.  1. Display  icon at the right of ‘Ingredients’. When users click on the copy button, they should have the comma delimited list of Ingredients’ external name copied, so that user can paste the copy to other pages or applications. 2. If a byproduct item is included in a menu item/customization option, we should show ingredients that are in the mapped ‘Parent Recipe' item’s component in the ingredients field.      1. When user clicks ‘Recalculate’ button, display a confirmation warning as user clicks ‘Recalculate’ on item detail page or customization page.   Header: Are you sure?  Body: The truck recipe’s nutrition will be calculated according to recipe’s nutrition data and will be synced to Consumer App. Are you sure you want to continue?  Buttons:   * Cancel: cancel the action and close the warning modal. * Continue: recalculate it.  1. Recalculate item’s nutrition by ‘Recalculate’ button, AND the truck item or ANY the direct components’ nutrition/allergens review toggle is ‘No’, which are in nested structure of the truck recipe, display a warning message:   Warning message:  Are you sure  The truck recipe’s nutrition will be calculated according to recipe’s nutrition data and will be synced to Consumer App. Although, the truck recipe or its components’ nutrition/allergens haven’t been approved. Are you sure you want to continue?  Cancel: cancel the action and close the warning modal.  Continue: recalculate it.   1. Clicking “Recalculate” will trigger recalculate this item’s nutrition and sync to Merch tool and consumer App.   After it is triggered successfully, show message: “This item’s nutrition data has been recalculated and synced to consumer App. “ |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-19 Customization Usage Card

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| **MS05-19 Customization Usage Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.20 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/DAIY\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-20 Receiving Info Card

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| **MS05-20 Receiving Info Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.31 | Bonnie | Add quality criteria on raw materials SKUs (Receiving Protocol) | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related Issue: [MD-8423: Add quality criteria on raw materials SKUsTODO](https://wonder.atlassian.net/browse/MD-8423)  Related PRD: [Receiving Protocol](https://wonder.atlassian.net/l/cp/uWZHVtPF)  Figma: https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?type=design&node-id=2613-75501&t=xnlAyDXtXBeXL9Uz-0 |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/LIHx\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-21 Hot Hold Card

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| **MS05-21 Hot Hold Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.23 | Bonnie | Line build entry changes to support hot holding (9493) | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related Issue: Line build entry changes to support hot holding (9493)  Related PRD:  https://wonder.atlassian.net/wiki/spaces/TECHXIAMEN/pages/2821652481/Line+Build+Data+Entry+for+Hot+Holding?atlOrigin=eyJpIjoiOWEyN2MyMzhkZmNkNDM5NmFjODk5YWJkYTI2ZTVmOWEiLCJwIjoiYyJ9 |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/cgHx\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-22 Hot Hold Instructions Settings

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| **MS05-22 Hot Hold** Instructions **Settings** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.31 | Bonnie | Add quality criteria on raw materials SKUs (Receiving Protocol) | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related Issue: Line build entry changes to support hot holding (9493)  Related PRD:  https://wonder.atlassian.net/wiki/spaces/TECHXIAMEN/pages/2821652481/Line+Build+Data+Entry+for+Hot+Holding?atlOrigin=eyJpIjoiOWEyN2MyMzhkZmNkNDM5NmFjODk5YWJkYTI2ZTVmOWEiLCJwIjoiYyJ9 |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/IID3\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-23 Customization Nutrition

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| **1.1 MS05-23 Customization Nutrition** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.6 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**   * + 1. Please refer to confluence:   https://wonder.atlassian.net/wiki/x/DgRl7 |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-24 Bulk Edit Usages

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| **MS05-24 Bulk Edit Usages** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.12.13 | Bonnie | MD-10048 Support Bulk Edit Usage of BOM | | 1.1 | 2024.1.22 | Bonnie | MD-11398 Bulk edit and bulk swap functionality for customization usages | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: https://www.figma.com/file/CsQlfISHTGMUwXpY3vDlK9/(current)-Sprint-21-25?type=design&node-id=904-16765&mode=design&t=klUpsEq6l6PS86Ki-0 |
| **Main Scenario: Bulk Edit Component Usage**  **https://wonder.atlassian.net/wiki/x/cYCf\_Q** |
| **Main Scenario 2: Bulk Edit BOM Usage**  **https://wonder.atlassian.net/wiki/x/yQCf\_Q** |
| **Main Scenario 3: Bulk Edit Customization Usage**  **https://wonder.atlassian.net/wiki/x/FgGg\_Q** |

## Tran-MS05-25 Menu Item’s Nutrition & Allergens

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| **MS 05-25 Menu item’s Nutrition & Allergens** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023/12/19 | Bonnie | First version  Nutrition UI Changes | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:** <https://wonder.atlassian.net/l/cp/d1H518um>  **Related issue :** https://wonder.atlassian.net/l/cp/yXqU6vAy  https://wonder.atlassian.net/browse/MD-10818  https://wonder.atlassian.net/browse/MD-11082  Figma:  <https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/urZo6QtKMa6IOF5DtFiVop/CBL-1%3A-Items?type=design&node-id=2893-31244&mode=design&t=wiXbJFCdtMmjhCfB-0>  https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/CBL-1%3A-Items?type=design&mode=design&t=PZ36hujckTcPftwH-0 |
| **Main Scenario:**   * + 1. Please refer to confluence:   https://wonder.atlassian.net/wiki/x/8AJl7 |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-26 Edit Menu Item’s Nutrition & Allergens

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| **MS 05-26 Create/Edit Menu item’s Nutrition & Allergens** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023/12/19 | Bonnie | First version  Nutrition UI Changes | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  Figma:  <https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/urZo6QtKMa6IOF5DtFiVop/CBL-1%3A-Items?type=design&node-id=2893-31244&mode=design&t=wiXbJFCdtMmjhCfB-0>  https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/CBL-1%3A-Items?type=design&mode=design&t=PZ36hujckTcPftwH-0  Figma: |
| **Main Scenario:**   * + 1. Please refer to confluence:   https://wonder.atlassian.net/wiki/x/UYJl7 |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-27 Space Management

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| **MS05-27 Space Management** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024/4/12 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/H4D4\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## **Tran-MS 05-28** Regulation Labeling

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| **MS 05-28 Regulation Labeling** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.5.29 | Bonnie | MD-12823 | |  |  |  |  | |
| **Stakeholder** |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/bQH68w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-29 Nutrition Card of Packaged/HDR Recipe Items

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| **MS05-29 Nutrition Card of Packaged/HDR Recipe Items** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version MD-13176 | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: https://www.figma.com/design/D9QUMUVZMB2Fm1hD5kbpy7/CBL-1%3A-Items?node-id=9438-314779&node-type=CANVAS&t=FjQFILQevpFsINDq-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/PoD3\_g |
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# BOMs

## MS06-01 BOM Card & Create BOM

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| **MS06-01 BOM Card & Create BOM** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from ‘RS06-07 Create/Edit BOM’ | | 1.1 | 2022.10.8 | Bonnie | Add IsActive Field to BOM Header | | 1.2 | 2022.11.1 | Bonnie | Add "No BOM" flag on BOM Versions, Preparation Recipe Type | | 1.3 | 2022.12.8 | Bonnie | All ingredients card change for Item version | | 1.4 | 2023.2.1 | Bonnie | Select version when adding an Item (BOM) | | 1.5 | 2023.3.10 | Bonnie | Auto trigger customization mappings in the line build | | 1.6 | 2023.3.22 | Bonnie | Accurate Recipe Costs in Cookbook | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario: BOM Card**   1. Display ‘BOM’ card in ‘ERP Item Information’ tab in item detail page (exclude ingredient/non-food item) 2. Display a toggle for truck item on BOM card on version level. 3. If toggle is False=‘Required BOM’, True=’No BOM’. Default to ‘Required BOM’. User can edit it manually. 4. The same permission of edit ‘Create BOM’. 5. If user turns the toggle into ‘True’ (No BOM), hide the BOM table, ‘Add’/’Edit’ and ‘Edit Critical Components’ button of BOM card. 6. When user tries to change the value of ‘toggle’, display a warning message ‘Are you sure The inventory of an NO BOM truck item will be calculated by its customization item. While marking the item as No BOM, we will clear BOM data if BOM data exists. Are you sure you want to mark this item as NO BOM?’ Action: Cancel: close the warning and cancel the action. Continue: save the change. And display success message ‘Successfully saved the change.’ 7. If user has created BOM line, then user turns the toggle into Truce (No BOM), we will clear the existing BOM data. When user exports item from ‘Truck Item Export’ we should exclude ‘BOM’ data of which toggle is true (No BOM). 8. If user has set a BOM item as customization item or mapped in line build, we should keep it in customization function or in line build, thought use has turned the toggle into Truce (No BOM). However, when user edits customization, user cannot get BOM line item in the dropdown list of the mapped item in edition of line build page.        1. When displaying component/BOM line nest structures, check: 2. If the main item’s version is active, get the version of all its nest components/sub BOM line which is active at the moment of when user views the card. 3. If the main item’s version will take effect in future, get the version of all its nest components/sub BOM line which will take active at the moment of ‘effective start time’ of the main item’s version. 4. If a high-level item includes a sub item which has two available versions (V1 and V2) in the effective time period of the high level item, as time elapses, when the next version of sub item takes effect (means change from V1 to V2), we will auto update the BOM line data. At the moment, we should keep the qty of sub item which entered by user and update the BOM unit according to the new version (V2). 5. If BOM hasn’t been created, display a BOM card with ‘None’ and ‘+ Add’ button. Like this:      1. If BOM has been created, display like this:      1. Heading: BOM with icon. 2. Display fields 'BOM ID’, ‘BOM Name’, on the left column, display ‘FormulaBatchSize’ and ‘Last Updated’ on the right column. 3. Display version column at the right of name column for all nested sub item.   'Version': combine version number and version status in a column, e.g., ‘V1 (Final)'.   1. ‘Isactive’: Dynamics allows formulas to have overlapping date ranges. Determines the ‘allowed’ formula in Dynamics. We should not show it in BOM card, and we should not show it as user creates/edits BOM. 2. If a version is expired, ‘Isactive’ must be ‘No’. Else, the ‘Isactive’ must be ‘Yes’. 3. Display BOM table underneath above fields. Display columns ‘#’, ‘Item ID’, ‘Name’, ‘Object Type’, ‘Qty’, ‘Unit’ and Cost, ’AVAIL?/Scrap%’. 4. Cost: the total cost of the sub BOM line based on its scaled qty. 5. ‘Used to determine Menu item's Availability?’: Only display it for truck item’s **Nutrition Data** BOM card. Display a tooltip on it. The copy is ‘Used to Determine Menu Item’s Availability’ is only for truck item’s BOM lines. “Yes” means, this item’s current remaining inventory on truck is used to determine this menu item’s remaining available quantity. Usually, some very commonly used ingredients or truck stock such as oil, salt is “No”. Main components are “Yes”.’. 6. ‘Scrap Yield (%)’: display it on most types of items’ BOM card, exclude truck item, common stock tote, Mobile SF. 7. DisplaySet as ‘On the Side’, Set as ‘Optional Substraction’, Set as ‘Extra Request’ and Set as ‘Dish Preference’ at the bottom of BOM table. 8. There is a ‘Pencil’ icon, user can edit the BOM line. 9. We don’t allow user to delete a BOM line in an item version (There is no ‘Delete’ button). 10. For commissary Item, we will auto sync its component to BOM. 11. Trigger to auto update BOM: When the following changes happened, we should auto update BOM card of commissary item: 12. Edit the main commissary item:   Edit the unit conversion of yield unit, inventory unit or BOM unit of the main item.  Edit the existing component item’s preparation or usage in component card.  Remove or add a new component item in component card.   1. Edit subitem of the main commissary item:   Edit the unit conversion of usage unit, inventory unit or BOM unit of the component item.  Edit the BOM unit of the component item.  Edit the preparation yield of ingredient which is tagged in the component.  Edit the yield of ingredient which is added in the component.   1. Bulk edit component in component usage card (it is the same as edit component in high level item). 2. On preparation item, we will auto create its BOM line as user successfully created it. When the Preparation creating, we will auto-create the ERP item and BOM for this Preparation at the meantime. After the ERP item and BOM create, we should update the BOM usages as well 3. When auto create/update BOM line of preparation item, we should follow the existing creation/recommendation BOM line of commissary item. Default to recommend the preparation item which is in the first level of the parent preparation item as BOM line. The logic of BOM of usages should be as today 4. When auto create/sync to BOM according to component, we should follow the current recommendation logic of creating BOM (Current Logic), and transition BOM usage as the following logic:    1. Calculate BOM usage of a BOM line according to the yield, BOM unit of the main item and the component usage of the component item.    2. If a component item is included multi times in the component card. We should sum up their component usage, then calculate its BOM usage.    3. Scrap yield: we should sum up the scrap qty of the ingredient, and sum up usage qty of the ingredient, then total scrap qty/total usage qty \*100%. (Calculate the scrap yield based on the original data, rather than rounded data.)    4. For example: Component card including:   Ingredient A usage100g preparation A yield=70% (assume yield of preparation A\*basic yield of ingredient=70%)  Ingredient A usage100g preparation B yield=80% (assume yield of preparation B\*basic yield of ingredient=80%)  Then total scrap yield=(100/0.7\*0.3+100/0.8\*0.2)/(100+100)\*100%   1. If the ingredient A usage units are different, we should involve unit conversion of them for calculation total scrap yield. |
| **Main Scenario 2: Create/Edit BOM**   1. Clicking ‘Edit’/ ‘+Add’ button on BOM card, redirect to edit BOM page. 2. Display the current BOM information, if a user ONLY has permission of “Edit Restaurant Settings”, gray out edited fields (BOM Name, FormulaBatchSize, Reason for Change, Qty) except ‘Used to determine Menu item's Availability?’ and hide ‘Add’ button and ‘resort’ icon .     If a user ONLY has permission of “Create BOM”, gray out ‘Used to determine Menu item's Availability?’ field, user can edit BOM except ‘Used to determine Menu item's Availability?’ field.   1. When user who ONLY has permission of “Create BOM” creates a new BOM, auto set all components value for “Used to determine Menu item's Availability?” to ‘Yes’: 2. Clicking “+Add” to create BOM, we will check if this item is ready to create BOM or not. We ONLY verify it as user create a BOM line of an item at first time. 3. The condition is: Check if the mapped recipe item has created component. If not, show an error message: “The item {Item name} is missing component, please add it for them before trying again.”  * The logic of validation is as following:  |  |  | | --- | --- | | Object type of the item created BOM line | Check if | | commissary item | If the item has created ‘Component’ card. | | kit item | If its mapped truck item has created ‘Component’ card. |  1. Then, check if this Item’s/mapped item’s all direct components (Including commissary item) have ERP Item Information.  * If it is not ready, show an error message: “The following item(s) are missing ERP Item Information, please add it for them before trying again.  |  |  | | --- | --- | | {Item ID1}, {Item ID2}, {Item ID3}”.”Object type of the item created BOM line | Check if | | commissary item | If the item’s direct commissary component has created ‘ERP Item Info’. | | preparation item | If the item’s direct ingredient component has created ‘ERP Item Info’. | | kit item | If its mapped truck item’s direct commissary component has created ‘ERP Item Info’. | |  |  |  1. Then, we will check if the yield of the item is missing, and check if its component’s usage is missing:    1. If type=truck item, and any yield’s unit or quantity is missing, or unit and quantity are both missing, display error message. Error message: {item Name} ‘s yield or its component’s usage is missing.    2. If type= commissary item, and its yield or component’s usage is missing(means unit or quantity is missing), or unit and quantity are both missing, display error message. Error message: {Recipe Name} ‘s yield or its component’s usage is missing. 2. We will also check if all the unit conversion is ready or not.  * If user create BOM line of commissary item/truck item, check if the item’s conversion of : Mapping item’s yield unit vs the item’s UoM   For example, for SM-0001’s BOM creation, we should check SM-0001’s unit conversion of yield unit (g) vs UoM (each).  If it is not set, we should show error message: “Item {Item number} hasn’t set the unit conversion of: {unit} vs {unit}, please set it first and then create BOM.     1. If the above validation is passed, redirect to a new page for creation BOM line. Show the following page.      1. When user edits a BOM, redirect to the edition page:   Left column: Item Name (with hyperlink to item detail page), Version, Effective Start Time, Effective End Time, Reason for Change  Right column: Object Type, BOM name, FormulaBatchSize (With tooltip),  BOM Name, Reason for Change, FormulaBatchSize fields are editable.  Display 'Version' field on create/update BOM page.  Disable this FormulaBatch Size' in UI and default to 1.  BOM name: Currently, we auto-generate the BOM for commissary item, and user is no way to update it, so we should default to item\_name+version\_id. when the item name updated, we should trigger the BOM updated including BOM header name.     1. When user copy a new item version which is missing BOM line, then user can create a new BOM version manually, if its nearest previous item version has created BOM, auto populating its BOM components (component number, name, qty and unit, ‘Use to determine Menu item’s Availability?’, scrap yield) in create BOM page for the new BOM. If no auto suggest BOM line which is the same logic as user creates a BOM line at first time.. And user can edit them manually.   For example:   |  |  |  | | --- | --- | --- | | Use Case | Item Version | Auto populate BOM Line | | 1 | Version 1: 9/1~9/30, BOM created  Version 2: 9/31~2099/12/31, Missing BOM | Create BOM of Version 2:  Get the BOM in Version 1 | | 2 | Version 1: 7/21~8/20, BOM Created  Version 2: 8/21~8/31, Missing BOM  Version 3: 9/1~2099/12/31, Missing BOM | Create BOM of Version 3:  Auto suggest BOM line |  1. Display breadcrumb ‘Home/Items/BOM’ 2. Display heading ‘Create BOM’ as ‘Add’ a BOM line. Display heading ‘Edit BOM’ as edit a BOM line. 3. Display hyperlink ‘< Go to Item Grid’ on the right top of page to redirect to item grid page. 4. Display ‘Cancel’ and ‘Save’ buttons on the right top of page. 5. Display Item Name (Version {#}), Effective Start Time, BOM Name, Reason for Change on the left column. Display Object Type, Effective End Time, FormulaBatchSize on the right column. 6. Display ‘FormulaBatchSize’ field with a tooltip. 7. When editing a BOM line display ‘Isactive’ underneath ‘FormulaBatchSize’ field with a tooltip. 8. Item Name, Effective Start Time, Object Type, Effective End Time aren’t editable. They are captured from item information of the version. 9. Item Name (Here we call it parent item, there is a hyperlink to goes to the version of item detail page) 10. Version: ‘V{Version Number} ({Version Status})' 11. BOM name: By default, BOM name = item name + {Item version #}, user can edit it.   For example, the edited item name ‘'Shroom Shire Cheesesteak’ version is V4, it is ‘'Shroom Shire Cheesesteak V4’.   1. Formula Batch Size, it would be positive integer value: By default, set it 1. When user hovers over the field, display a tooltip: Quantity produced by this formula. Like this:      1. Last Updated By: who makes changes. Record the user ID and user full name in our system. 2. Reason for change: Optional. Free text. Up to 600 characters. 3. Isactive: Display ‘Isactive’ field on edition BOM line rather than creation BOM line. It should be a mandatory field. It must be defaulted to ‘Yes’ AND user cannot edit it as edition a BOM line.  * Display an icon to show tooltip: Dynamics allows formulas to have overlapping date ranges. Determines the ‘allowed’ formula in Dynamics.’ * When the effective end time of BOM is < now, the ‘Isactive’ should be turned into ‘No’~~, whatever the ‘ERP Status’ is~~. And when the effective end time of BOM is >= now, the ‘Isactive’ should be turned into ‘Yes’~~, whatever the ‘ERP Status’ is~~. * When user deletes a BOM version and it trigged the change of ‘effective end time’ of previous BOM version, check the effective end time of BOM version, then update ‘Isactive’ field.  1. Add 'Version' column on BOM table. User can reselect version by clicking it. 2. When create/edit/view a BOM line, on most types of items’ BOM card, exclude truck item, common stock tote, Mobile SF, display ‘Scrap Yield’ column at the right of ‘Unit’ column for each component in BOM line. It can be edited manually. It is optional field. 3. On bulk/commissary or multi package item or partial kit items, auto calculate scrap yield for a component which is ingredient item type. It can be edited manually. Other types of items, not auto calculate scrap yield. 4. If any ingredient’s scrap yield is 0, display 0% in this column. Null =! 0, only when user enter 0, we update the scrap yield. Scrap Yield: Up to 2 decimal places with ‘%’. When user inputs manually, it should be >=0.   When multi options in the BOM line component (means multi component items mapped with a component of the related recipe), when user changes selected option, update the scrap yield. For example, multi options are ingredient item, single item and truck stock item. If user select ingredient item, auto calculate its scrap yield. If user select other type of item, set scrap yield as null, user can input manually.     1. When calculation scrap yield, we should find the mapped recipe/truck recipe (for multi package item or partial kit item), then find mapped ingredient which is the direct component of the mapped recipe/truck recipe. Then get the preparation yield of the mapped ingredient. Calculate scrap yield according to ingredients' preparation yield and basic yield in the recipe/truck recipe. Scrap Yield=[1/(Base Yield\* preparation A yield \* preparation B yield)]-1   Or [1-(Base Yield\* preparation A yield \* preparation B yield)]/ (Base Yield\* preparation A yield \* preparation B yield)  For example:   |  |  |  | | --- | --- | --- | | Components | Yield % | Scrap Yield % | | Ingredient 1 | Base Yield: 90%  Preparation A yield: 50%  Preparation B yield: 100% | [1/(0.9\*0.5)-1]\*100=122 | | Ingredient 2 | Base Yield: 90%  Preparation A yield: 40% | [1/(0.9\*0.4)-1]\*100=178 |  1. BOM components – Items: The BOM line Items of commissary item are this main item’s direct components. The recommend version of BOM line item is the same as the version in component card.      1. Component’s unit: This component item’s “BOM Line unit”. If a component is a kit/multi/single item/non-food item, the qty is default 1. The qty of the other types of item should be auto calculated. User can edit it manually. 2. Overall scale down factor:   As in BOM setting, the parent item is 1 UoM, if it’s mapping the recipe’s yield unit is not the item’s UoM, or the recipe’s yield is not 1 unit, we should calculate the overall scale down factor to get all the component item’s qty.  If the item UoM <> recipe’s yield unit, the precondition is, this item should have set the conversion between them too.  Suppose the conversion is: 1 yield unit = {ratio} UoM  The scale down factor = yield qty \* {ratio of yield unit/ UoM}  For example:  Case 1, SM-0001’s scale down factor = 10 \* 1(as the yield unit = item’s UoM) =10.    Case 2:  scale down factor = 5000 \* (1/500) = 10     1. Ingredient’s qty:   In the recipe’s component, we set one ingredient’s usage qty.. While creating BOM, we should utilize the ingredient’s usage qty (does not consider the ingredient’s yield).  For example, suppose an ingredient has above yield data, and in recipe A, its preparation = Minced, usage qty= 81 g. Then the uncut qty = 81/(90%\*90%)=100g.  In recipe B, its preparation = sliced, , usage qty= 81 g. Then the uncut qty = 81/(90%)=90g.  For BOM line’s unit, we use its “BOM Line unit”.  **Component item’s qty in** “BOM Line unit”. (**usage unit)** = this component’s usage unit  See examples below:     1. Used to determine Menu item’s Availability. “Used to determine Menu item’s Availability” means if we should track this component’s inventory on truck to determine if the menu item is out of stock. For example, salt, we will not manage inventory on truck. 2. Display tooltip with icon“?” besides the column name of “Used to determine Menu item’s Availability”. Clicking it, hop up message: ‘Used to Determine Menu Item’s Availability’ is only for truck item’s BOM lines. “Yes” means, this item’s current remaining inventory on truck is used to determine this menu item’s remaining available quantity. Usually, some very commonly used ingredients or truck stock such as oil, salt is “No”. Main components are “Yes”.’ 3. Only display “Used to determine Menu item’s Availability” column for truck item’s BOM card 4. For BOM lines, user can NOT change units. It can only use this item’s BOM Line unit, so that for the same item, we use the same unit. User can change the qty. 5. BOM line qty support 4 decimal places. 6. If a BOM line is a single packaged item or multiple packaged or partial kit item or Mobil SF item, default qty is 1. Default unit: This item’s BOM unit. 7. Clicking save, do the following validation: 8. Used to determine Menu item’s Availability should not be null. Error message: “Please set “Used to determine Menu item’s Availability” for all components.” 9. BOM name is required and should not be duplicate with other BOM. Error message: “BOM name is required.” “A BOM with the same name exists, please change BOM name”. 10. When save, check if any single package/multiple package item’s ’Used to Determine Menu Item’s Availability’ = “No”, if yes, hop up warning message: “Are you sure that the following item’s ’Used to Determine Menu Item’s Availability’ is No? {Item name list}.” 11. For truck item’s BOM line, if there is at least one BOM line’s “Used to determine Menu item's Availability?” is Yes. If no, display error message ‘Please set at least one BOM line's “Used to determine Menu item's Availability?” to Yes.’ 12. After above validations, if a BOM item is mapped with a customization (option\_id and option\_value\_id), AND the customization is mapped in a step of line build (Check all versions of line build). When user removes the BOM line which is mapped in the line build, after saving the BOM. Then we should display a warning message: ‘The removed item is mapped with line build Version#, Version#, Version#. Please review and update them as soon as possible.’ Action: Got It 13. If all the validation pass, create this item’s BOM value with all these fields:   BOM header:  Name, effective start date (Start date’s 0:0:0, est)  BOM Line:  Item number, qty, unit, Used to determine Menu item’s Availability, scrap yield.   1. Clicking save, we should check if all BOM line’s qty has been entered. If not, show error message: “Please enter quantity for {item name}.” 2. If an item’s BOM includes another item, we should check there is no such cases as to include each other as BOM Line: That is, item A’s BOM include item B; while item B’s BOM include item A. Error message: “{This item name A} should not include {the other item B in BOM} because {the other item B in BOM} already includes { This item name A}”. 3. After the BOM has been created, update ERP Info Status to “BOM Created”. 4. After the BOM has been created, return to the page where it is triggered. |
| **Main Scenario 3: Add a Component Multi Times**     1. It is possible that an item’s BOM can have one same item multiple times when creating BOM. See example above. 2. When saving BOM, if an item has multiple lines, we should display an error message ‘Duplicated BOM line item number’ |
| **Main Scenario 4: Add/Delete a BOM line Component**   1. On all types of items, user can click “ADD” in the BOM line hop up a select item page like: 2. After user selects an item, display the recommend version of the selected item.      1. When user starts to enter name, list the item names the characters to let the user select, only “DRYGOODS”      1. If a subitem is dormant, when user search subitem, we should exclude the dormant item. That means user cannot view it on the search result. 2. Display version info in chip nearby item name. The version info should include ‘V{version number} {Version Status}’. If there are more than one version (exclude expired version), user can click it to reselect version. 3. When user edits a PUBLISHED (version status=Final/SCHEDULED) version of high level item, we only allow user to add a published version of subitem into it (that means we won’t display ‘Draft’ version). And follow the current logic to validate if all nested subitem are available in the effective time period of the high level item. We should not allow user to reselect the version. 4. When user edits a DRAFT version of high level item (regard the effective start time as NULL)  * If the sub item ONLY has a version which is with 'effective start time', default to recommend the version whatever the version status is. * If the sub item with two versions which are both with 'effective start time', we should default to recommend the FINAL version (means the Live version, excluded expired version) for user, or user can select the other version (DRAFT/SCHEDULED) manually. * If there are more than 1 versions (exclude expired version), user can reselect the other version. When clicking it, display dropdown list, default to sort by Version number ASC:   V1 Final (01/30/2022 00:00~12/30/2100 00:00)  V2 Draft     1. Base logic of exclusion: “Common stock tote” and “Bag item” and ‘Mobile SF item’ and ‘truck item’ should not be any type of item’s BOM lines. We should exclude them from dropdown list.  |  |  |  | | --- | --- | --- | | Main Item Type | BOM Line Item Type in the main item | Note | | Ingredient/Non-food Item | No BOM | No BOM Line | | Common Stock Tote | Only Non-food Item |  | | Preparation Item | Ingredient |  | | Commissary | Ingredient  Preparation Item  Commissary |  | |  |  |  | | Partial Kit | Ingredient  Commissary  Preparation Item  Multi Packaged  Single Packaged  Non-food Item | Base logic of exclusion AND exclude Partial Kit type | | Truck Item | Ingredient  Commissary  Preparation Item  Multi Packaged  Single Packaged  Partial Kit  Truck Stock  Non-food Item | Base logic of exclusion (The same as Bag Item) | | Truck Stock | Ingredient  Commissary  Preparation Item  Single Packaged  Truck Stock  Multi Packaged  Partial Kit  Non-food Item |  | | Single Item | Ingredient  Commissary  Single Item  Preparation Item  Non-food Item |  | | Multi Packaged | Ingredient  Commissary Item  Preparation Item  Single Item  Multi Packaged  Non-food Item |  | |  |  |  |  1. Original/original sub recipe item cannot be a BOM line of any other item, we should exclude them form search result, when user selects an item as BOM line. 2. When mouse is on one item’s name, show it with different background color. And show an alter message with item number. 3. Clicking it will bring this item back to add BOM page as following      1. This manually added item’s qty is null, user can edit it. Qty should be a number, required. The Unit is BOM unit of this item. And it isn’t editable. . 2. The manually added items has a “Delete” link so that user can delete it. 3. When user searches a new item, we should exclude the versions of which effective end time < the effective start time of the main item version. And when we display item name in the search result, we should remove the duplicate item (means only display an item one time). Then get the nearest version which is available in the effective time period of the main item version. 4. When user tries to add an item into BOM line (selected an item), check if the item has been created ERP item information. If not, when save the BOM, display an error message: ‘The following item(s) are missing ERP Item Information, please add it for them before trying again. {Item ID1}, {Item ID2}, {Item ID3}.’ 5. Then, check if sub item is deleted/dormant, if yes, show an error message:   'Unable to save. Please remove the following deleted/dormant sub item(s) before trying again.  Item {Item Name 1} ({Item Number1} )  Item {Item Name 2} ({Item Number2} )'   1. When clicking ‘save’, after common logic of BOM line validation, then check if any BOM line’s version (whatever the object type is) doesn’t take effect in the edited version of main item’s ‘service start time’. 2. If yes, we should display an error message (rather than auto expand the service time of sub item): ‘Unable to save. The following sub item(s) isn’t available in the service time period of the version of main item. Please set them <= {service start time of main item} or correct the main item’s service time >= {the latest service start time of sub item}.   {sub recipe Item number1} (V#) current service time ({service start time ~ service End Time})'  {sub recipe Item number2} (V#) current service time ({service start time ~ service End Time})'.   1. ~~If yes, and if user ONLY has permission of edit live version, when user tries to add an item into component/BOM/customization of a final version, and if any future version of subitem is inactive, we should display an error message for missing permission of ‘edit future version’.~~   ~~Error message: ‘Unable to save. The following sub item(s) don’t take effect in the effective time period of the version of main item. Missing permission of 'Edit Future Version’ to auto reset its effective start time to align with the version of main item (effective start time {effective start time}). Please remove the sub item or contact cookbook system manager before trying again.~~  ~~{sub recipe Item Name1} ({Effective start time ~ Effective End Time})~~  ~~{sub recipe Item Name2} ({Effective start time ~ Effective End Time})~~  ~~{sub recipe Item Name3} ({Effective start time ~ Effective End Time})'~~   1. Whatever the 'Object Type' of sub item is, after verify the active service time, then we should check if the sub item’s production time is earlier than the production time of the main item. If no, we should display an error message (rather than auto expand the service time of sub item): ‘Unable to save.The following sub item(s)'s production time is later than the main item. Please set them <= {production time of main item} or correct the main item’s production time >= {the latest production time of sub item}. {sub recipe Item number1} (V#) current production time {production time} {sub recipe Item number2} (V#) current production time {production time} 2. The last updated time and last updated by field of version level of these updated BOM line items should be updated. The last updated by is the user who update the main item. 3. On some edge case, if user has selected an item and stay at the edit pop-up window for a long time, then the selected version’s effective time is changed, we should auto update the selected version into a valid version of which BOM unit is the same as previous selected version. However, if the BOM version is different, we should display an error message: ‘The following item’s BOM unit has been updated, please double confirm the change before trying it again.   {sub Item Name1} ({Item ID1})  {sub Item Name2} ({Item ID2})’  Action: OK: update the BOM line with the edited data (we should keep the edited date for the new version of item as well). |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS06-09 Create Preparation item’s BOM

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| **MS06-09 Create Preparation Item’s BOM** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.11.1 | Bonnie | First version, Preparation Recipe Type | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**   1. The following parts: Item information, BOM header are similar to 5.4 MS05-04 BOM Card’.      1. For BOM lines, show only one BOM line by default. 2. Display the ingredient item which is included in component card of preparation item by default. User can select other items. 3. Qty: similar to commissary item’s BOM, editable to let user input. Unit: the selected component item’s “unit used in BOM”. The unit isn’t editable. 4. The recommend version of BOM line item is the same as the version in component card. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |



























# Tran-Menu

## Tran-MS08-01 Menu List

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| **MS08-01** **Menu List** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB04-01 Menu list | | 1.1 | 2022.11.2 | Bonnie | V2 Feedback - Make the Sort More Obvious | | 1.1 | 2024.1.17 | Bonnie | Menu Page UI Changes | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma:https://www.figma.com/file/pQdLVPDrRunjLjTtTdvrcW/Recipe-Management-%7C-Menus?node-id=0%3A1  https://www.figma.com/file/trZwMgsNZrMTmvjvLimXuQ/CBL-2%3A-Menus?type=design&node-id=2349-13745&mode=design&t=r0Bq8owcgdt9M1eB-11 |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-02 Create/Edit Menu

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| **MS08-02 Create/Edit Menu** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB04-02 Create/Edit menu | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma:https://www.figma.com/file/pQdLVPDrRunjLjTtTdvrcW/Recipe-Management-%7C-Menus?node-id=0%3A1 |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-03 Menu Details

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| **MS08-03** **Menu Details** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB04-03 Menu details | | 1.1 | 2022.11.2 | Bonnie | V2 Feedback - Make the Sort More Obvious | | 1.2 | 2022.12.8 | Bonnie | Involving item versioing | | 1.3 | 2022.12.15 | Bonnie | Refine Assembly Instructions | | 1.4 | 2023.4.19 | Bonnie | Refine Assembly Docs & Add Common Stock Document | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma:https://www.figma.com/file/pQdLVPDrRunjLjTtTdvrcW/Recipe-Management-%7C-Menus?node-id=0%3A1 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/YoMf\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-04 Delete Menu

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| **MS08-04 Delete Menu** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB04-04 Delete menu | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma:https://www.figma.com/file/pQdLVPDrRunjLjTtTdvrcW/Recipe-Management-%7C-Menus?node-id=0%3A1 |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-05 Export Menu (Recipe Instructions PDF)

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| **MS08-05 Export Menu (Recipe Instructions PDF)** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB04-05 Export Menu: Recipe data (Recipe Instructions PDF) | | 1.1 | 2022.10.13 | Bonnie | Reorder Printed Recipes | | 1.2 | 2022.11.7 | Bonnie | Differentiate between PROD & UAT Exported Recipe, Kits and Assembly Documents  Preparation Recipe Type | | 1.3 | 2022.12.30 | Bonnie | Do not scale byproduct recipes | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario 1: Export Menu (Recipe Instructions PDF)**  https://wonder.atlassian.net/wiki/x/5gIl\_w |
| **Extend Scenario 2: Export Ingredients Report** |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-06 Menu Detail- Scale Recipe

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| **MS08-06 Menu Detail- Scale Recipe** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB04-06 Menu Detail-Scale Recipe | | 1.1 | 2022.12.30 | Bonnie | Preparation Recipe Type  Do not scale byproduct recipes | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: https://www.figma.com/file/MZO2tJkml1wsKHv2gy1zaj/Scale-Recipe?node-id=0%3A1 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/ngMi\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-07 MAD Menu Dashboard

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| **MS08-07 Menu Dashboard** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.3.1 | Bonnie | First version (MD-11126) | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  <https://wonder.atlassian.net/l/cp/T0K1MB9A>  **https://wonder.atlassian.net/l/cp/eg8tzPPH**  Figma:  https://www.figma.com/file/Wv2ghMJNpi9FxkZPexhbh4/Stage-Gate-Discovery?type=design&node-id=156-138292&mode=design&t=N47f6rg1fPVbtxM9-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/bQMm\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-08 Missing Fields

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| **MS 08-08 Missing Fields** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/lwMm\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-09 Comments & Issues

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| **MS 08-09 Comments & Issues** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/rAMm\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-10 Global Notification

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| **MS08-10 Global Notification** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  **https://wonder.atlassian.net/l/cp/BD1155TW**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/SIFC\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-11 Watchlist

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| **MS08-11 Watchlist** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/5WzAAQTH**  Figma:  https://www.figma.com/file/Wv2ghMJNpi9FxkZPexhbh4/branch/PbcFN1eRrsz7S8KKgSXiR2/Stage-Gate-Discovery?type=design&node-id=6475-586509&mode=design&t=x06R0zVG7Md1rzTk-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/4QBD\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS08-12 Export Menu Items in MAD

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| MS08-12 Export Menu Items in MAD |
| Version History   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.6.5 | Bonnie | First version, New Workflow of Creating Ingredeint | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/4IBG\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Scheduled Changes

## Tran-MS09-01 Scheduled changes list

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| MS09-01 Scheduled changes list |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2021.12.17 | Bonnie | First version | | 1.1 | 2022.11.14 | Bonnie | Move Schedule Changes to the recipe-service-v2 | |  |  |  |  | |  |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page  Figma: https://www.figma.com/file/dfnWvpNtdL4w640NTaV6EA/Truck-Item-BOM-Versioning?node-id=0%3A1 |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/E4FD\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS09-02 Change Ticket

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| **MS09-02 Change Ticket** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.9.9 | Bonnie | First version, MD-13210 | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  PRD: <https://wonder.atlassian.net/l/cp/yCeYLhEd>  Figma: https://www.figma.com/design/4J0fLJnw3xbY7J2vBJ8UmO/Lists?node-id=2651-219602&node-type=&t=RFmuASADenThgezL-0 |
| **we** |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/E4FD\_w |
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# Tran-Action History

## Tran-MS10-01 Action History

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| **MS10-01 Action History** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.20 | Bonnie | First version, copy from CB06-01 Export History | | 1.1 | 2024.9.29 | Bonnie | MD-13962 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/KgR-8w> for RA details. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Preparations

## Tran-MS11-01 Preparations Grid

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| **MS11-01 Preparations Grid** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2021.7.28 | Bonnie | First version, Copy from ‘CB07-02 Preparations’ | | 1.1 | 2022.10.31 | Bonnie | Preparation Recipe Type  V2 Feedback - Make the Sort More Obvious | | 1.2 | 2023.3.13 | Bonnie | Create Active Flag for Preparations | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario1:** **Preparations Grid** |
| **Extend Scenario:** |
| Exception Scenario: |
| **Note：** |

## Tran-MS11-02 Create and Edit Preparations

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| **MS11-02** **Create and Edit Preparations** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2021.7.28 | Bonnie | First version, Copy from ‘CB07-02 Preparations’ | | 1.1 | 2022.10.31 | Bonnie | Preparation Recipe Type | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario1: Create and Edit Preparations** |
| **Extend Scenario:** |
| Exception Scenario: |
| **Note：** |

## Tran-MS11-03 Preparations Detail Page

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| **MS11-03 Preparations Detail Page** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2021.7.28 | Bonnie | First version, Copy from ‘CB07-02 Preparations’ | | 1.1 | 2022.10.31 | Bonnie | Preparation Recipe Type | | 1.2 | 2023.3.13 | Bonnie | Create Active Flag for Preparations | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario3:** **Preparations Detail Page** |
| **Extend Scenario:** |
| Exception Scenario: |
| **Note：** |

## Tran-MS11-04 Delete Preparations

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| **MS11-04 Delete Preparations** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2021.7.28 | Bonnie | First version, Copy from ‘CB07-02 Preparations’ | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario4:** **Delete Preparations** |
| **Extend Scenario:** |
| Exception Scenario: |
| **Note：** |

# Purchasing

## Vendor Items

### MS12-01 Vendor Items

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| **MS12-01 Vendor Items Grid** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.22 | Bonnie | First version, copy from ‘RS09-01 Vendor item List’ | | 1.1 | 2022.11.2 | Bonnie | V2 Feedback - Make the Sort More Obvious | | 1.2 | 2023.3.6 | Bonnie | Ingredient <> Vendor Item Mappings | | 1.3 | 2023.7.22 | Bonnie | Sync Vendor Item info from Order Grid | | 1.4 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry  Validations for tracking Nonfood and ingredient inventory in Pantry | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder: Customer** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype: |
| **Main Scenario:**   1. Show button 'Bulk Sync from OG' button to bulk update vendor SKUs from OG. We should record a sync log for it. 2. Clicking ‘Bulk Sync from OG’ button to call API of OG to update the vendor SKU item by syncing vendor SKU from OG. 3. After clicking ‘Bulk Sync from OG’ button, show a message:   'Are you sure  This action will bulk sync all vendor items from Order Grid to Cookbook. Are you sure to sync?'  Action: Cancel, Yes   1. After clicking 'Yes' action, show message: 'Syncing vendor items to Cookbook is in process, please see the final result in the Sync Log Job (link to OG sync log page) for final result later. 2. Show columns Vendor SKU, Vendor SKU Name, Vendor Name, ‘Status', 'Is Active’, Last Updated Time, Action. 3. In ‘Action’ column show ‘Update from OG’ button. 4. After clicking ‘Update from OG’ button to sync the vendor item from OG. If success, show message: 'Successfully updated the vendor item’   If failed, show error message: ‘Failed to update the vendor item: {error reason}’   1. Remove create, delete and 'Bulk Edit' button. 2. Add filter Status: single select, All, Purchasable, Unpurchasable. Default to all. 3. Rename ‘Include Removed Items' as 'Include Inactive Vendor Items’ 4. **Search Vendor Item** 5. Search vendor item with, Vendor SKU, Vendor SKU Name 6. Vendor SKU: When search with vendor SKU, it should be fuzzy search. 7. Status: single select, All, Purchasable, Unpurchasable. Default to all. Show it in front of ‘Last updapted date’ filter. 8. Vendor Name: Multi-select filter (similar to Restaurant filter), dropdown List, Option with all vendors, text as {vendor name}(vendor account).   背景图案  描述已自动生成  图形用户界面, 文本, 应用程序  描述已自动生成   1. Add a new filter ‘Last Updated Date’ after ‘Vendor Name’ filter. It will filter data by ranging for ‘Last Updated Time’.Like this:   表格  中度可信度描述已自动生成     1. Display a result count at the left top of table. 2. Display a button ‘Sort by: {option value}’ at the left of column picker button. 3. {option value} should be in bold and display an expand icon.      1. Remove all column sorts, like 2. Single option. The possible option is Newest (Default), A-Z, Z-A.   Newest: ‘Last updated Time' DESC  A-Z: Item Name ASC  Z-A: Item Name DESC   1. Customization of sorted grids should persist between user sessions (similar to column picker settings). 2. In vendor SKU grid page, show checkbox 'Warnings Only', user can filter the vendor SKUs with warning message. 3. When user hovers over the warning icon, show tip with warning message.   The missing tipe is the same as missing message in vendor item detail page.  But if the message is for ‘consistency of Inventory unit & base unit for ingredient’, please show ‘Inconsistent inventory unit’. |
| **Extend Scenario:**   1. Aa |

### MS12-02 Edit Vendor SKU item

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| ****MS12-02 Edit Vendor SKU Item**** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.22 | Bonnie | First version, copy from ‘MS 09-02 Create Supplier Item’ | | 1.1 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry | |  |  |  |  | |  |  |  |  | |  |  |  |  | | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder: Customer** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype: |
| **Main Scenario1: Edit vendor item**   1. user only can edit fields of which 'Source System'=cookbook. 2. When clicking ‘Edit’ icon in ‘Additional Information’ card, redirect to a new page for editing fields. 3. Show breadcrumb: Home/Purchasing/Vendor Items/Detail 4. Header: Edit Additional Information 5. Show ‘Vendor Account’, ‘Vendor Name’ fields cannot be edited. And show Receiving Temperature, can be edited.   External SKU Name: free-text, optional, up to 300 characters.  Receiving Temperature: single select, optional, possible options: Chilled, Frozen, Ambient   1. Show ‘< Back to vendor item page’ button: redirect to the vendor item detail page 2. Show ‘Save’, after saving it redirect to the vendor item detail page with updated values. |

### MS12-03 Vendor item SKU detail

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| ****MS12-03 Vendor item SKU detail**** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.22 | Bonnie | Display Vendor Item Tags  Improve Preferred SKU Values | | 1.1 | 2022.12.1 | Bonnie | Existing item function for Item version | | 1.2 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry | |  |  |  |  | |  |  |  |  | |
| **Stakeholder: Customer** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype:  PRD:  <https://wonder.atlassian.net/l/cp/kmsVXdjF> (Vendor SKU Fields)  <https://wonder.atlassian.net/l/cp/wGXSYTeL> (Vendor SKU Management V2 PRD)  Figma:  https://www.figma.com/file/yfoApEyQqgvWMWe9ZLA9uI/CB-Design-(eng-ready)---Sp-15-20?type=design&node-id=107-6102&mode=design&t=bStv0dALqnALHOp1-0 |
| **Main Scenario: Vendor item SKU detail**   1. Show fields synced from OG in vendor item information section. What fields should be show in detail page, plaease refer to Vendor SKU Fields section in PRD (https://wonder.atlassian.net/l/cp/kmsVXdjF). 2. Show breadcrumb: Home/Purchasing/Vendor Items/Detail 3. Show header of the page: {Vendor item name} ({vendor SKU}) {status}. If the vendor item has lined with a raw material item, show ‘Mapped to {item name} ({item number})’   If too long to display in one line, auto line feed them.     1. At the right top show ‘< Go to Vendor Items’ button for redirect to vendor item grid page. 2. Show navigation sub menus: Basic Information, Additional Info, Unit Conversions. 3. On Basic Information card, show:    1. Last updated time: {Last updated time} ({updated by}) with button ‘See Order Grid ->’ on the right top of the card.    2. {updated by}= Order Grid, when sync action done, update the last updated time.    3. ‘See Order Grid ->’ like to order grid website in a new browser tab.    4. Fields in left column: Vendor SKU Name, Vendor SKU, Category, Type, Pack Size, Taxonomy, Price, Is Active    5. Fields in right column: OG code, Brand, Tags, Controlled Product, Lot Type, Storage Type, Origin, Description.    6. Show tip on Taxonomy: Taxonomy data is sourced from Cookbook.    7. Pack size: Dervived based on the conversion from the smallest uom (pickby =true) <-> PO default purchase\_uom   For example:  the smallest pickby unit= ea (qty=64), the purchase uom=cs (qty=256), packsize would be 4 (256 / 64=4) since the smallest pickby unit is ea.  Per above, the smallest pickby unit= ea, the purchase uom=cs, so the pack size is 4 which is ea   * 1. Price: show {purchase Price} (base unit= {Price per Base Unit})   2. Price per base UOM: calculate by the conversion from the base uom <-> PO default purchase\_uom   For example:  base unit ea =  1 Purchase Unit CS,   CS =  10 ea    price=50 dollars pack sizie= 10/1=10   * 1. Taxonomy: cannot be edited, captured from the active version of linked ingredient/non-food. It should be auto-updated as the SKU mapping is changed or the value of linked vendor SKU is updated or the version of linked ingredient/non-food item is chagned. Aggregate the value of linked vendor SKU.   2. Inventory UoM: default to the UOM of which qty is smallest in OG. User cannot edit it manually.  1. On Additional Information card, show:   On the right top of the card show ‘edit’ icon.  Overview and Files tab.  On overview tab, show fields in left column: Vendor Name, Vendor Account, Brand (Cookbook), Manufacturer Product ID. Show fields in right column: Receiving Temperature, External SKU Name, Discontinued Reason.  Brand (Cookbook): Show it underneath 'Vendor Account' field. Free text. Optional.  Manufacturer Product ID: how it underneath 'Vendor Brand in Cookbook' field. Optional, free text.  'Discontinued Reason': whatever the status is ('purchasable’/'unpurchasable'), user always can fill the discontinued reason. Possible option: Internal, External. Single select. Optional   1. On Unit Conversions card, show:   Show fields in left column: Inventory Unit of Measurement (UOM), Purchase Unit of Measurement (UOM).  Show fields in right column: Purchase Price, Price per Base Unit.  Show tip on Purchase Unit of Measurement (UOM): Editable in Order Grid  Show tip on Purchase Price: Price derived from Purchase UOM  Case QTY of UOM is calculated based on base UOM.  Price per Base Unit: (purchase price / case qty of the po default UOM) per base unit. For example:  base unit ea   1 Purchase Unit   cs   10    price=50 dollars Case qty of CS = 10/1=10 purchase price: 50 / 1 cs  price per base unit: 50 / 10= 5/ea  Show UOM table with columns: UOM, CASE QTY, PRICE, W / L / H, WEIGHT (G), BAR CODE, BACKUP EAN, PO DEFAULT, PICK BY.  If Empty weight has value, show ‘Empty: {weight value}’ underneath WEIGHT (G) in muted.  If alt ean has value, show ‘alt: {value}’ underneath BACKUP EAN in muted. When alt ean is too long, show ‘…’, hovers over on it show a tip with full value.     1. No matter if a vendor SKU has linked with an ingredient/non-food item or not, validate as follows:    1. Ensure UOM must not be missing. Warning message: Missing UOM, then we won’t show the following message.    2. Ensure at least one UOM with 'PO default=TRUE'. Warning message: Missing PO default UOM    3. If the price of UOM with 'PO default=TRUE' is missing. Warning message: Missing price of PO default UOM    4. If the vendor SKU has linked with an ingredient item, check: (show this in first row if more than one messages exist)   if its base unit is same as the inventory unit of the linked ingredient, if no, show warning message: ‘'’ Base Unit is not equal to {Item number} {Inventory Unit}’   * 1. If pack size is fraction, show warning message: ‘‘Pack Size of {Unit} is incorrect.’ (note: unit is the po default unit). (not implement yet)   2. If the vendor SKU has linked with non-food, ensure a UOM is ‘EA' and qty=1 (meaning user has to set 'EA’ with qty=1 in OG) (show this in first row if more than one messages exist). If no, show warning message: 'Missing UOM 'EA' with qty=1’   3. If any validation above is failed, show an error message on the specific vendor SKU detail page, like this:   4. Inconsistent unit between Base UOM ({unit}) with Inventory Unit ({unit}) of ingredient ({ingredient number})   5. Missing UOM with 'PO default=Yes'   6. Missing price of PO default UOM (Show more)   Show error message up to 3 rows, if too more to show, please show ‘Show more’, click it to expand the message.     1. Description of UOM   How to generate description:  find base unit  sort those upper case units base on package size asc  the first level of upper case units trans description from base unit  the lower level of upper case unit trans description from the upper case level.  if only has one unit, will not generat description.  Instance:  base unit → no description  When the UOM is lowercase, we should generate a description based on the base UOM of the vendor item as well (no matter the base uom is the same as inventory unit of ingredient/non-food or not).  level 1 description → 1x{qty\_1} {unit\_1}  level 2 description → {qty\_2 / qty\_1}x{qty\_1} {unit\_1}  level 3 description → {qty\_3 / qty\_2}x{qty\_2} {unit\_1}     1. We could follow the logic of description in OG: If there are more than one units in lowercase, the description of the first uppercase unit ('EA') is calculated by base unit ('oz'), so EA= 1x 84oz. 2. If there are more than one units in lowercase, the description of the lowercase UOM (not the base unit) should be calculated by its previous UOM case qty.      1. Ensure description is not null in UOM, please add the following logic:   For base unit, its description is ‘1 {base unit}’, here is '1 oz'  For a UOM which pack size is not integer of its previous UOM, show its description as '{Case qty of the UOM/Case qty of base unit} {base unit}'  Instance, show:  oz 1 1oz  lb 3 3oz  EA 5 5oz  CS 26 26oz   1. If the inventory unit in cookbook is not the same as the vendor SKU’s base unit, provide pick by unit <-> inventory unit by unit conversion of the ingredient tiem in SKU Mappings API, when downstream system (e.g. Pantry) call. (related issue <https://wonder.atlassian.net/browse/MD-9879>)   If there is no unit conversion for different unit categories of base unit and inventory unit, we cannot auto-transfer the qty of pick by unit for this vendor item.  For example:  Egg, Whole, Large (5021401)inventory unit:ea, unit conversion: 1 ea → 57 g  In linked vendor item: EGGS LARGE LOOSE AA 30 doz (VC053002)  We should transfer qty as following: for kg, 1 kg → 1000/57 ea; for EA, 1 EA → 50/57 ea; For CS, 1 CS → 18000/57 ea    In linked vendor item: Extra Large Loose "AA" Brown Eggs(EGGS6)  We should transfer qty as following: for kg, 1 kg → 1000/57 ea; for EA, 1 EA → 684/57 ea; For CS, 1 CS → 20520/57 ea     1. Hide previous related ERP fields. We won't update fields which are for ERP anymore. so we don't show them in UI. Including existing Module Type, Purchase Unit of Measure, Pick By Unit, Purchase Unit of Measure, Putaway Unit, and the following sections: ‘Manufacturer Information’, ‘Item Specifications’, ‘Case Specifications’, ‘Complementary SKUs’, “Trade & Cost Information”, “Unit Conversion”. 2. Show ‘Files’ tab:      * If there are multi files, display them in one line. The number of files is up to 3. * Files should be ordered by upload sequence. * If the format of a file is **PDF, set the first page of a file as the thumbnail displayed.** * Display up to 30 characters for the caption. If there are more than 30 characters in description, display ellipsis instead. When user hovers over description, display a tooltip for the whole description. * If files is less than 3, show button ‘+ Add new’, else, don’t show it. * When hovers over a image, show actions: Edit, Download, View Large, Delete * When there is no file, show a placeholder image with ‘Add photo’ button, like this:      * View Large to show image:      1. Upload File:      1. **Heading: Upload File.** 2. **Caption: required. Free text, up to 50 characters. The input box will turn into multi-line input box as contents are more than one line. Tip in muted: character limit: 50, if more than it, the tip should be in red.** 3. **File Upload: required, add one file at one time. Add a tooltip ‘Accepted file formats: JPG, JPEG, PNG, PDF’ on the bottom of the pop-up window**   Graphical user interface, application, Teams  Description automatically generated   1. **If user uploads an image, show field “Main image” with checkbox underneath field “File Upload”. Optional. Default by unselected. Only allow 1 file to have this value per vendor item. If an image already has this tag, then user appends the value to another image, the tag will be removed from the previous image.** 2. **Actions: Save, Cancel** 3. **If user tries to upload an unsupported file format (means wrong format), display inline error “Unable to upload file. Please ensure that the file is in a supported format (JPG, JPEG, PNG, PDF)”. If there is any inline error, when user click “Save” display toast error “Unable to upload file. Please check the form for errors before trying again.” Like this:**   图形用户界面, 应用程序  描述已自动生成   1. **When user tries to save with missing file (means user never try to upload a file), display an inline error “File is required.” And when I try to save with an unsupported file error trip, display a toast error “Unable to upload file. Please check the form for errors before trying again.”** 2. **If there is no error, after saving files, display a success toast message “File successfully uploaded.” And reference the uploaded file in the “Files” section with the file description underneath. If there isn’t a value for its description, never display the description underneath the file.** 3. If user hovers over a file, displays options image “Edit” (), ‘Download’, “Delete” and “View”, like this: 4. **When user clicks “****” to pop up a window, the header is “Edit File", display fields ‘Caption’, ‘Main image’ . Button: Cancel, Save Action “Cancel”: close the window. Action “Save”: save the caption and display success message “ Successfully edited file.”**      1. **When user clicks “delete”, pop up a window with warning, heading “Are you sure?” Message: “This action is permanent. Are you sure you want to delete {File Description} (in bold)?” Action “Cancel”: close the pop-up window. Action “Delete”: delete the file. If a file without description, the warning is ‘This action is permanent. Are you sure you want to delete the file?’. Like this:**   图形用户界面, 文本, 应用程序, 电子邮件  描述已自动生成   1. **After successfully delete a file, display a success message and the file is hard deleted. Success message “Successfully deleted the file.”.** |

## MS12-05 Unit Conversions

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| **MS12-05 Unit conversions** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.22 | Bonnie | First version, copy from ‘**RS09-05 Unit conversions**’ | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder: Items and Vendor Items** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype: |
| **Main Scenario:**   1. **Search Vendor Item**   Search vendor item with From Unit and To Unit  From Unit: Dropdown list with all units  To Unit: Dropdown list with all units.  Add a new filter ‘Last Updated Date’ after ‘To Unit’ filter. It will filter data by ranging for ‘Last Updated Time’.Like this:  表格  中度可信度描述已自动生成  表格  低可信度描述已自动生成  Add a new column ‘Last Updated Date’ after ‘Rounding’ column. Format: 2/24/2022 4:57 PM. Allow users to sort Unit Conversions, default by ‘Last Updated Date’ DESC.  表格  描述已自动生成   1. Export unit conversions   Export current search results.  Unit conversions   |  |  |  | | --- | --- | --- | | Excel Column | Table Column | Value | | FROMUNITSYMBOL | FromUnit | pk1x11Lb | | TOUNITSYMBOL | ToUnit | Lb | | DENOMINATOR | Denominator | 1 | | NUMERATOR | Numrator | 1 | | FACTOR | Factor | 11 | | ROUNDING | Rounding | To nearest |   When user exports ‘Unit Conversion’ excel file, ‘factor number’ should be rounded based on the precision of the FROMUNITSYMBOL in the UNIT CONVERSION file.  If a unit conversion is 'Advance' formula layout, we would not auto correct factor when export the unit conversion  We should round the ‘factor’ according to ‘Rounding' and 'Decimal precision’ field. For example:   * Decimal precision: we capture the decimal precision by ‘decimal precision of ‘from unit' in ‘Unit’ menu. If the decimal precision of ‘from unit' is missing. We only correct factor according to ‘rounding’.      * If user enters conversion Unit A > Unit B, where: Factor entered is 1.234567, Decimal precision = 2.  |  |  | | --- | --- | | **Rounding** | **Rounded Factor** | | To nearest | 1.23 | | Up | 1.24 | | Down | 1.23 |  * If user enters conversion Unit A > Unit B, where: Factor entered is 1.235567, Decimal precision = 2.  |  |  | | --- | --- | | **Rounding** | **Rounded Factor** | | To nearest | 1.24 | | Up | 1.24 | | Down | 1.23 |  1. Create unit conversion   图形用户界面, 应用程序  描述已自动生成   1. From Unit: Dropdown list with all units or user could create a new unit. 2. To Unit: Dropdown list with all units or user could create a new unit. 3. If user select to create a new unit, add two new field ‘Is Base Unit’ and “System of Units” on the pop-up window. The logic is the same as RS06-29 Units. 4. Formula layout: Dropdown list with options, [Simple, Advanced], default as simple 5. Factor: Double with 4. If Formula layout is advanced, default 1, disable. 6. Numerator: Double with 4. If Formula layout is simple, default 1, disable. 7. Denominator: Double with 4. If Formula layout is simple, default 1, disable. 8. Rounding: Dropdown list with options [To nearest, Up, Down], Default as To nearest. 9. When user save unit conversion, if there is an unit conversion with both same From Unit and To Unit, show warning message, “This conversion from {From Unit} to {To Unit} already exists.”. 10. And user can create unit conversion on create/edit vendor page. See 6.10.2 Create Vendor Item for detail. 11. On create or edit Unit Conversion pop-up window:  * “Formula layout” default by simple. * If “Formula layout” is Simple, “Numerator” and “Denominator” default by 1, we will never display these two fields in UI. Like this:   图形用户界面, 应用程序  中度可信度描述已自动生成   * If “Formula layout” is Advance, “Factor” default by 1, we will never display this field in UI. Like this:   图形用户界面, 应用程序  描述已自动生成   1. Edit unit conversion  * If this unit conversion is applied to any vendor items, show warning message, “This unit conversion has been applied to vendor items, are you sure you want to save it and apply the change to associated vendor items?” Action “Yes”: overrides it. Action “No”: close the pop-up window and never save anything. * If an unit conversion’s “from unit” and “to unit” are the same as “Unit Conversion” data, whatever the values of other fields are, show an error message, “Unit conversion already exist, from unit={from unit} tounit= {to unit}. Like this: 图形用户界面    描述已自动生成 * If there is an existing A->B unit conversion, when create an unit conversion B->A, display an error “Duplicate unit conversion: Existing Convert from A to aa, please check it first.”  1. Delete unit conversion 2. If the unit conversion has not been used by vendor item (As 'User Added’), display a warning message of confirmation. The copy is “Are you sure you want to delete this unit conversion?”. The button should be ‘Cancel', 'Delete’. 3. Else, display the error message with the number of mapping vendor item instead of detail vendor item names. The copy is “Unable to delete unit conversion. Conversion has been manually added to: {VENDOR SKU NAME 1}, and {# of Usages} other vendor items. Please remove all manual conversions before trying again.”   {# of Usages} other vendor items: should add a tooltip, when user hovers over it, display all {#} vendor items which are associated with the Unit Conversion.  {VENDOR SKU NAME 1}: the first one vendor SKU checked  图形用户界面, 文本  描述已自动生成   1. After successfully delete a unit conversion, display a success message ‘Successfully deleted the unit conversion: {From Unit} to {To Unit}’. |
| **Extend Scenario:**   1. Aa |
| **Exception Scenario:**   1. aa |
| **Notes:** |
| **Q/A:** |

## MS12-06 Units

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| **MS12-06 Units** |
| **Version history**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Version | Date | Updated By | Description | | | 1.0 | 2022.9.22 | Bonnie | First Version, copy from ‘RS09-06 Units’ | | |  |  |  |  | |  |  |  |  | |
| **Stakeholder: Customer** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype: |
| **Main Scenario:**   1. Unit list   User can go to unit list page and search units by unit  Add a new filter ‘Last Updated Date’ after ‘Unit’ filter. It will filter data by ranging for ‘Last Updated Time’.Like this:  表格  中度可信度描述已自动生成  表格  低可信度描述已自动生成  表格  描述已自动生成  Add a new column ‘Last Updated Date’ after ‘Description’ column. Format: 2/24/2022 4:57 PM. Allow users to sort Unit Conversions, default by ‘Last Updated Date’ DESC.   1. Create Unit 2. User can go to unit list page, click the create button to create Unit. 3. Unit: not null, string max size is 50, if unit exist show warning message: ”Unit has existed, please input a new one.” 4. Unit Class: Dropdown list with options, [Quantity, Liquid Volume, Mass] 5. Decimal Precision: integer, between 0-10, error message “Invalid number, only 0-10 is allowed.” 6. Description: default as Unit 7. Add a new field ‘Is Base Unit’. Dropdown, possible values are “Yes” and “No”. Default by “No”. User cannot set it as null. 8. Add a new field “System of Units”: Required. Dropdown, single-select. Possible values are ‘None’, ‘Metric’ or ‘US’. Default by “None”.   List fields as following: Unit, Unit Class, Decimal Precision, Is Base Unit, System of Units, Description.图形用户界面, 应用程序, 电子邮件  描述已自动生成   1. Delete Unit   User can delete unit on unit list page. If unit has been applied on vendor items or trade agreements or unit conversions, show warning message, “This unit has been applied to vendor items, please modified it on vendor item first.” If not, show warning message, “Are you sure you want to delete this unit?”.   1. Export All units   Export current search results.   |  |  |  | | --- | --- | --- | | **Excel column** | **DB column** | **Value** | | UNITSYMBOL | Unit | cs10x.93Lb | | DECIMALPRECISION | Decimal | 2 | | ISBASEUNIT | Is Base Unit | No | | SYSTEMOFUNITS | System of Units | None | | UNITCLASS | Unit Clase | Quantity | | UNITDESCRIPTION | Description | cs10x.93Lb |  1. When export ‘Units’ excel file, ‘IsBaseUnit’ should be ‘No’ or ‘Yes’ rather than others (e.g., N, Y). |
| **Extend Scenario:** |
| **Exception Scenario:** |
| **Notes:** |
| **Q/A:** |

## MS12-07 Vendors

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| **MS12-07 Vendors** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.22 | Bonnie | First version, copy from ‘RS09-07 Vendors’ | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder: Customer** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype:  https://www.figma.com/file/NEPq8OhbWwHiCvrmAisY6d/Packaging?node-id=0%3A1 |
| **Main Scenario1: Vendor Grid**   1. Add a new module ‘Vendors’ underneath ‘Units’ module.   Graphical user interface, application  Description automatically generated     1. Display breadcrumb “Home/Vendor Items/Vendors” 2. Header: Vendors 3. Search section: user is able to search vendors by ‘Vendor ID’, ‘Vendor Name’, ‘Vendor Type’.   ‘Vendor ID’: single search, alphanumeric. NOT fuzzy search.  ‘Vendor Name’: single search, string. Fuzzy search, auto-suggestion. Display vendors first which is start from the key words, then others whose name include key words.  ‘Vendor Type’: Single-select. Possible options are all, Manufacturer, Supplier. Default by ‘All’.  Buttons: Search, Clear  A picture containing table  Description automatically generated   1. Display ‘Showing {current page amount} of {total amount} results’ above the vendors table.   Graphical user interface  Description automatically generated with low confidence   1. If there is no vendor in the table, display column names with “No data”. 2. Display vendors table with columns ‘Vendor Name’, ‘Vendor ID’, ‘Vendor Type’, ‘Vendor Relationships’, ‘Last Updated Time’. 3. Default by ‘Last Updated Time’ DESC. User can sort vendors by clicking  icon. 4. ‘Vendor Name’, ‘Vendor ID’ are both linked to vendor detail page. 5. ‘Vendor Relationships’: If a vendor is mapped more than 3 relationships, ONLY display up to 3 vendor relationships with “(+{amount of others})”. When user hovers over it, display a tooltip with all relationships.   Graphical user interface, text, application, chat or text message  Description automatically generated   1. Display paging bar underneath the vendor table.   A picture containing graphical user interface  Description automatically generated   1. If user clicks ‘Edit’, display a pop-up window for editing vendor. |
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| **Main Scenario3: Vendor Detail**   1. **If user clicks ‘Vendor Name’ or ‘Vendor ID’, redirect to a new page ‘Vendor Detail’** 2. **The breadcrumb is** “Home/Vendor Items/Vendors/Vendor Details” 3. **The header is ‘Vendor Name** 4. **Display ‘< Go to Vendors Grid’ link in blue. Clicking it redirect to vendors grid page.** 5. **Display vendor detail, display fields in certain sequence like this:**   ‘Vendor Type’, ‘Vendor ID’, ‘Vendor Name’, ‘Vendor Relationships’, ‘Last Updated By’, ‘Last Updated Time’.  Vendor Relationships: Format: {type}: {vendor name} ({vendor id})  If any field is null, display ‘None’ in chip, like this:  **Graphical user interface, text, application  Description automatically generated** |
| **Extend Scenario:**   1. Aa |

## MS12-07 SKU Mappings

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| **MS12-07 SKU Mappings** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.3.6 | Bonnie | Ingredient <> Vendor Item Mappings, Force Sync Order Grid Material IDs | | 1.1 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry | | 1.2 | 2023.8.22 | Bonnie | SKU Mapping list page: Input 7-8 numbers to search | |  |  |  |  | |
| **Stakeholder: Customer** |
| **Pre-Condition:**  1. Customers go to page |
| Prototype: |
| **Main Scenario1:**   1. Display vendor item SKUs mapped with internal items in the mapping grid. 2. When delete SKU mapping, it is soft delete. 3. If the sku mapping is inactive, there should have “Reuse“ button in the Active column. After click the “Reuse”, should turn is\_active to True. 4. Show ‘Reuse’ button for soft-deleted SKU mapping, if user reuse the SKU mapping but the vendor item is inactive, we should display the error message:   ‘The vendor item {vendor sku- vendor sku name} is inactive, please turn it to active in Order Grid and sync to Cookbook, then try to reuse again..’   1. If the internal item and vendor SKU are both active, check if the internal item only links with the vendor SKU. If not only one, then check if the base unit of the vendor SKU is the same as the internal item, or they are the same unit category.   If yes, reuse.  If no, show error:  Unable to reuse vendor SKU  Vendor SKU base UOM does not match/transfer into this item’s inventory UOM category. Please either adjust the vendor SKU base UOM in Order Grid, or remove the existing vendor SKU from item.  Item inventory UOM: {inventory unit of ingredient}  Vendor SKU base UOM: {base unit of vendor SKU}   1. If the internal item and vendor SKU are both active, the internal item only links with the vendor SKU, then check if the internal item has any published version   If no, reuse.  If any published version exists: check if the base unit of the vendor SKU is the same as the internal item, or they are the same unit category. If yes, reuse. If no, show error: ‘Unable to reuse the SKU mapping  The base unit ({unit}) of vendor item does not match/transfer the inventory unit ({unit}) of the internal item’.   1. After successfully reuse the SKU mapping, we should:   Call OG API to sync the SKU mapping to OG.  If the inventory unit of the ingredient is updated, we should update ERP Inventory Unit, unit\_sequence\_group & purchase\_unit according to inventory unit as well.   1. The columns should be Item Number, Item Name, Object Type, Vendor SKU, Vendor SKU Name, Vendor Name, Vendor ID, Preference, Active, Last Updated Time, Last Updated By, Action. 2. In action column, show ‘Sync to OG' underneath ‘Delete’ button in Action column, Excluding soft-deleted SKU mapping. 3. When clicking 'Sync to OG', show confirmation message:   'Are you sure  This action will override all the current SKU mappings of Item {item number} in Order Grid. Are you sure to sync to Order Grid?'  Action: Cancel, Yes  After successful synced to OG, show message: Successfully sync the SKU mappings of the item to Order Grid.  If failed to sync to OG, show error message: Failed to sync the following SKU mapping of the item to Order Grid. Due to: {Error Reason}.   1. When user tries to delete a SKU mapping, check if the item status of the linked item (ingredient/non-food item) is active, AND it ONLY linked with the vendor SKU, if yes, show error message: Unable to delete the SKU mapping. Vendor item is required for a published item, please link at least one vendor SKU for the item before trying again. 2. When a vendor item is turned into 'inactive' in OG, or a vendor item is deleted in OG, after updating it as 'inactive' in Cookbook, if the vendor item has linked with an ingredient/non-food item, we should auto soft-delete the SKU mapping in MD. (NEW) Then we should call OG API to update the SKU mapping.   1) When soft-delete the SKU mapping, if the ingredient/non-food item has any published version, we should not change its inventory unit. If the ingredient/non-food item DOESN’T have any published version, we should change its inventory unit =BOM unit, and set the BOM unit value for ERP Inventory Unit, unit\_sequence\_group & purchase\_unit as well.  2) Since we auto sync vendor item from OG per 1 hour, if user delete a vendor item (e.g., 4395612), then create a vendor item (the same vendor SKU: 4395612) again in a hour.  if the new vendor item’s OG Code is the same as the deleted one, we will override the previous data with the new one.  if the new vendor item’s OG Code is changed, we will create a new vendor item (vendor SKU= 4395612) with new OG Code.  However, we won’t soft delete the vendor SKU mapping in SKU mapping table (since the SKU mapping is matched by vendor SKU & item number).   1. The breadcrumb is Home/Vendor Items/SKU Mappings 2. Display page item counters 3. Sort the default order by 'Last Updated Time' Desc, as there is no filter action. 4. User can search for mapping by ‘Item Number’, Item name, Object Type, Vendor Name, Vendor SKU, Vendor SKU Name.   Placeholder: Search by Item Number, Item Name, Object Type, Vendor Name, Vendor SKU, Vendor SKU Name.  When user enters key word, we should auto suggestion.  When user search with 'numbers' (meaning keywords are all numbers, whatever how many numbers are), we should filter vendor SKU mappings of which item number/vendor SKU includes the key word. It should be fuzzy search.   |  |  |  | | --- | --- | --- | | **Assumption Vendor SKU Mappings** | **Search with key word** | **Show Results** | | ingredient 50002541 - VC750299 (APPLES GRANNY SMITH 80 CT)  ingredient 50002291- VC008244 (BACON SLAB CHERRYWOOD SMOKED)  ingredient 5050299- VC033052 (CHEESE AMERICAN YELLOW 160 SL) | 50299 | ingredient 50002541 - VC750299 (APPLES GRANNY SMITH 80 CT)  ingredient 5050299- VC033052 (CHEESE AMERICAN YELLOW 160 SL) |   When user enters key word which is string, we should fuzzy search by item name, Vendor Name, Vendor SKU, Vendor SKU Name. Sort the search results by related range, if the same related range, sort by item name> Vendor SKU >Vendor SKU Name>Vendor Name.  If user enter ‘{key words search by} {column name}, we should precise search by the specific columns.   1. Show button ‘Sync to Order Grid’ button at the left of ‘Bulk Edit Mappings’ button for bulk sync vendor SKU mappings (including soft-deleted SKU mapping) to OG.   If an item don’t have any acitve sku mapping, then we should call OG delete API when sync  Otherwise, call OG create API to add/update sku mapping when sync.   1. After clicking 'Sync to Order Grid' button, show confirmation message:   'Are you sure  This action will override all current mappings in Order Grid. Are you sure to sync to Order Grid?'  Action: Cancel, Yes  After clicking 'Yes' action, show message: 'Syncing SKU Mappings to Order Grid is in process, please see the final result in the Sync Log Job for final result later.   1. If any vendor item SKU hasn’t been associated with any internal item, we should not display it in the grid. 2. Display a button ‘Bulk Edit Mappings’, hovers over it to show ‘Download Template’ and ‘Bulk Upload’ options.      1. Validation as bulk upload file: 2. The vendor SKU is the key of a vendor item SKU. Required. 3. The item number is the key of an ingredient/non-food item. Required. 4. If any mapping exists in database, we should override it with the bulk upload file (Including the mapped internal item, preference value). For example: a vendor item SKU is mapped with item A in database, we can remap it with other item (e.g., item B) according to the file. Before overriding it, we need to check:   If the SKU mapping is the only one for item A, if yes, skip it and show an error message.  If no, check if base uom of the vendor SKU =inventory unit of item B, or they are the same category, if no, skip it (don’t dislink the vendor SKU with item A) and show error message.   1. Check if ‘vendor SKU exists or not. 2. Check if ‘item number’ exists or not. 3. Check if the item object type is ingredient or non-food. 4. Check if the data is conflict or not in the template (‘vendor SKU’ mapped item number) 5. Check if the preference value available or not 6. Check if UOM of the vendor SKU item is missing, if yes, skip it. 7. Check if more than one vendor items linked with the internal item in the template, AND the ingredient has linked with any vendor SKU in DB ensure the base unit (inventory UOM in vendor SKU items) of all vendor SKU items and inventory unit of the internal item are the same or the same category. If no, skip these vendor SKUs which are not the same category in the template. 8. Check if more than one vendor items linked with the internal item in the template, AND the ingredient HASN’T linked with any vendor SKU in DB. Ensure the base unit (inventory UOM in vendor SKU items) of all vendor SKU items are the same or the same category. If no, skip these vendor SKUs which are not the same category in the template. 9. If the inventory unit of raw material item is != null, ensure these new vendor SKU items base units are the same as existing inventory unit of the raw material item. If no, skip all these vendor SKUs in the template.   For vendor SKU linked with non-food item, the base unit of vendor SKUs must =ea AND qty=1.  For vendor SKU linked with ingredient item, the base unit of vendor SKUs must the same catogery as the inventory unit of the ingredient.   1. The same unit category:   Both are mass, or both are column  But if inventory unit=ea, the base UOM of vendor item should be the same.  Unit categories:  Mass: oz, kg, g, lb, mg  Volumn: ml, gal, l, floz, pt, tbsp, tsp, cup, fl.oz, qt  Other: EA, CS   1. If user tries to unlink all linked vendor SKU items from a raw material item, check:   if the item status of the main item is active, if yes, skip all these deleted vendor SKUs in them template. (Ensure at least one vendor SKU linked for the published item)   1.  Validate whether the ingredient/non-food item’s stock UOM is the same system as the vendor SKU stock UOM. If not, show error message: Vendor SKU’s Stock UOM does not match/transfer into item’sStock UOMcategory 2. Validate whether either the item or vendor SKU is missing Stock UOM, if so, show error message: Vendor SKU or item is missing Stock UOM. 3. Display message after the bulk update action: 4. All mappings succeeded message: Successfully updated/deleted SKU mappings. 5. All mappings failed: Failed to update SKU mappings. Please refer to the following details.   {Error Reason1}  {Error Reason2}  Failed to delete SKU mappings: Cannot find the SKU Mapping {Item\_number1}-{Vendor SKU1}; {Item\_number2}-{Vendor SKU2}; (For example, 5007901-210PC481K)   1. Partial Success - Indicates that only some mapping succeeded, message is as following:   Partial success to updated/deleted SKU mappings. Please refer to the following details.  1. Missing required values: Row #, Row#.  2.Cannot find Vendor SKU ‘{vendor SKU 1}, ‘{vendor SKU 2}.  3.Cannot find internal item ‘{Item Number1}, ‘{Item Number2}.  4.Internal Item object type isn’t available (must be integration or non-food item): Row #, Row#.  5.Preference value isn’t available (must be integer between 1 and 10): Row #, Row#  6.Conflict data in the file: Row # & Row#, Row # & Row#  7. Vendor SKU(s) is Missing UOM: Row #, Row#  8. Vendor SKU has been associated with another item, please disassociate it manually first.  Row # {Vendor SKU1}-{Item\_number1} in template  Row # {Vendor SKU2}-{Item\_number2} in template  9.~~Base unit is inconsistent with inventory unit of internal item~~  ~~Item {item number 1} ({inventory unit}) vs {Vendor SKU 1} (Row #), {Vendor SKU 2} (Row #), {Vendor SKU 3} (Row #)~~  ~~Item {item number 2} vs {Vendor SKU 2} (Row #), {Vendor SKU 2} (Row #), {Vendor SKU 3} (Row #) (tip: if inventory unit=null, don’t show ‘({inventory unit})’)~~  Vendor SKU’s Base Unit does not match/transfer into item’s inventory UOM category Item {item number 1} ({inventor unit}) vs {Vendor SKU 1} (Row #), {Vendor SKU 2} (Row #), {Vendor SKU 3} (Row #)  ~~10. Vendor SKU missing base UOM ‘ea’ & qty=1~~  ~~Row # {Item number 1} - {Vendor SKU 1}~~  ~~Row # {Item number 2} - {Vendor SKU 1}~~  ~~Item {item number 2} vs {Vendor SKU 2} (Row #), {Vendor SKU 2} (Row #)~~  Failed to delete SKU mappings:   1. Cannot find the SKU Mapping   {Item\_number1}-{Vendor SKU1};  {Item\_number2}-{Vendor SKU2}; (For example, 5007901-210PC481K(808648))   1. Vendor item is required for a published item, please ensure at least one vendor SKU linked it.   {Item\_number1}-{Vendor SKU1}; {Vendor SKU2}  {Item\_number2}-{Vendor SKU2}   1. If there are deletion/add vendor SKU item for a raw material at the same time in the template, we should implement add first, then implement deletion. 2. After update SKU mapping, if the ingredient item only has a DRAFT version, the inventory unit is different from the new base unit, we should auto-update it with the new base unit of the first linked vendor item in the template.   If the ingredient only has a draft version, when all its linked vendor SKU items are unlinked, we should auto-set the inventory unit of the ingredient as its BOM unit.  In the change log, updated by is the user who unlinks all vendor SKU   1. When user updated SKU mappings, it should be updated in item level instead of item version level. We should update the active version and future version as well. 2. Based on an item level, when the SKU mapping of an item is changed, we need to call the API   the API will override so we should call the API assuming your only deleting one of multiple mappings.  If your deleting all the mappings then we need to call the DELETE endpoint from OG. |
| **Extend Scenario:**   1. The existing SKU Mapping API [External SKU Mapping API Definition](https://wonder.atlassian.net/wiki/spaces/CT/pages/2784887098/External+SKU+Mapping+API+Definition)   (https://wonder.atlassian.net/wiki/spaces/CT/pages/2784887098/External+SKU+Mapping+API+Definition)  SKU Mapping infomation  Vendor items UOM, UPC, Pack quantity |

## MS12-08 Vendor Item Validation

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| **MS02-08 Vendor Item validation** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.9.28 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Fiagma: <https://www.figma.com/file/yfoApEyQqgvWMWe9ZLA9uI/CB-Design-(eng-ready)---Sp-15-20?type=design&node-id=1980-2426&mode=design&t=YQ7Wjo8fbmd8pkJ0-0>  https://www.figma.com/file/yfoApEyQqgvWMWe9ZLA9uI/CB-Design-(eng-ready)---Sp-15-20?type=design&node-id=107-3458&mode=design&t=yPBEzI2qrJKwmUoI-0  Related issue: <https://wonder.atlassian.net/browse/MD-9299>  https://wonder.atlassian.net/browse/MD-10021  **Background:** |
| **Main Scenario:**   * 1. Support validation of vendor item.   2. No matter if a vendor SKU has linked with an ingredient/non-food item or not, validate as follows:   3. If the vendor SKU has linked with an ingredient item, check: (show this in first row if more than one messages exist)   if its base unit is same unit category as the inventory unit of the linked ingredient, if no, show warning messageIf the vendor SKU has linked with non-food, ensure a UOM is ‘EA' and qty=1 (meaning user has to set 'EA’ with qty=1 in OG) (show this in first row if more than one messages exist). If no, show warning message: 'Missing UOM 'EA' with qty=1’   * 1. If any validation above is failed, show an message on the specific vendor SKU detail page, like this:   1. Missing UOM 'EA' with qty=1  2.Missing PO default UOM  3. Missing price of PO default UOM   * 1. Show message for invalid data in cards on vendor item detail page respectively   2. If missing vendor SKU name, show  on Basic Information card. If any warning message exists in unit conversions card, show ‘Error: Unit of Measure Discrepancy’, user can click  to unfold the details.      * 1. Validation details:  |  |  |  | | --- | --- | --- | | Field | Validation Type | Message | | UOM section | Not null  Note: meaning at least one UOM exist | Missing UOM | | Vendor SKU Name | Not null | Missing Vendor SKU name | | Inventory UOM | Should be the same unit category as the inventory unit of the linked ingredient item | Vendor SKU base UOM does not match/transfer into item’s inventory UOM category.  Item inventory UOM: {inventory unit of ingredient}  Vendor SKU base UOM: {base unit of vendor SKU} | | Inventory UOM | Should be the same unit category as the inventory unit of the linked non-food item | Missing UOM 'EA' with qty=1 | | Purchase UOM | at least one UOM with 'PO default=TRUE | Missing PO default UOM | | Purchase Price | the price of UOM with 'PO default=TRUE' is Not null | Missing price of PO default UOM | | Pack Size | Not null  Should be integer | Pack Size should be integer | |
| Extend Scenario:   1. W  |  |  | | --- | --- | | **When** | **Then** | | If the ingredient hasn’t been published, and there is ONLY one linked vendor item | auto update the inventory unit of the ingredient according to the new base uom  we should update ERP Inventory Unit, unit\_sequence\_group & purchase\_unit according to inventory unit as well.  Record change history if the inventory unit is changed | | If the ingredient hasn’t been published, and there are more than one linked vendor items | The inventory unit of the ingredient = the base uom of first linked vendor item in DB. We should unlink the vendor item of which base uom is **NOT** the same category as the inventory unit  If the inventory unit is updated, we should update ERP Inventory Unit, unit\_sequence\_group & purchase\_unit according to inventory unit as well.  Record change history if the inventory unit is changed  After unlinked SKU mapping, we should auto sync it to OG and generate a sync log. **(Updated by Bonnie: 11/7)** | | If the ingredient has been published | We should unlink the vendor item of which base uom is **NOT** the same category as the inventory unit  Retrigger validation of the ingredient: if all the linked vendor item are unlinked, show validation for the ingredient: missing vendor item  After unlinked SKU mapping, we should auto sync it to OG and generate a sync log. **(Updated by Bonnie: 11/7)** | | A vendor item’s Base UOM is update, AND it is unlinked with an ingredient/non-food item | Send an alert to the slack change  Message:  '[09/22/2023] Unlinked Cookbook items with Order Grid items  Cookbook item’s UOM is not the same unit category as OG items, successfully unlinked the following Cookbook items with OG items.  Download the updated doc **here'**  Template: | | Feature toggle | A new feature toggle execute-unlink-flag to control the write access of the unlink action  when execute-unlink-flag = true: really unlink  when execute-unlink-flag = false: skip all logic in this ticket | |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Configurations & Locations

## Tran-MS13-01 Manage Dietary

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| **RS12-0**1 Manage Dietary |
| Version history   |  |  |  | | --- | --- | --- | | Version | Updated By | Description | | 2019.11.21 | Lisa | First version | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/JQMg\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS13-02 Units

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| **RS10-0**2 Units |
| Version history   |  |  |  | | --- | --- | --- | | Version | Updated By | Description | | 2020. | Lisa | First version | | 2020.3.20 | Lisa | Minor changes | | 2020.4.24 | Lisa | Add common unit conversions | |  |  |  | |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| **Main Scenario 1: Cookbook Unit**  https://wonder.atlassian.net/wiki/x/2AIm\_w |
| **Main Scenario 2: OG UOMs** |
| Extend Scenario: Global unit conversions |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS13-03 Allergens Page

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| **RS10-0**3 Allergens Page |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2020.4.15 | Lisa | First version | | 1.1 | 2024.6.18 | Bonnie | Allergen Tags - Ensure Merch Continuity (MD-12948) | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| Main Scenario:  Refer to <https://wonder.atlassian.net/wiki/x/5gCt8w> for details. |
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| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS13-04 Concept Management

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| MS13-04 Concept Management |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | V1.0 | 2020.5.26 | Lisa | First version | | V1.1 | 2021.7.16 | Bonnie | Manage Concepts in Cookbook (Middle Layer) | | V1.2 | 2022.7.13 | Bonnie | One concept maps to multiple restaurants | | 1.3 | 2023.6.8 | Bonnie | Concept management | |  |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/rAIm\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS13-05 Filter Code management

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## MS13-09 Chef App Configurations - Appliance Settings

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| MS13-09 Chef App Configuration –Appliance Settings |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.6.21 | Monica | Appliance Settings Page | | 1.1 | 2022.7.1 | Monica | Change the Carter Hoffman temps to be free text | | 1.2 | 2022.10.24 | Bonnie | Support to export/import appliance setting by restaurant | | 1.3 | 2022.12.12 | Bonnie | Restaurant Based Appliance Settings | | 1.4 | 2023.4.11 | Bonnie | Cookbook data entry changes to support HDR 3.0 KDS | |
| Stakeholder: User with privilege |
| Pre-Condition: |
| Main Scenario:  1. Add the Appliance Settings page under the “Chef App Configs”:   1. Users can filter the appliance settings by Restaurant Name. 2. Display checkbox at the most left column, when user selects at least one restaurant, display the bulk action bar and user only could select checkboxes, change pages. That means button ‘Clear’, ‘Search’, ‘Import’ and action column are disable. 3. Move ‘Export’ button into bulk action bar. And keep the ‘Import’ button at the right of ‘Create’ button. 4. Display ‘# restaurants selected’ copy at the left of bulk action bar.      1. Appliance Settings list: User could find following restaurants on the ApplianceSettings Page:      * Remove ‘Concept ID’ column. * Restaurant Name * Appliance Name should be defined by the current ENUM. * By default, display all restaurant ordered by Last Updated Time. If Last Updated Time is the same, restaurants are ordered by restaurant name according to first letter. (We should migrate the existing data to get Last Updated Time ) * Modified by: The person who latest updated the Appliance Settings. * Last Updated Date: The date that the Appliance Settings last updated; Date format: mm/dd/yyyy * Actions: User could do the copy, edit and delete the Appliance Settings after clicking the “Edit” button. * Click ‘Copy’ icon, pop up a side panel window to copy appliance setting. * On the copy pop-up window:   Display header ‘Copy Appliance Settings’.  Display copy ‘Copy From  {Restaurant Name}’  Display: ‘Copy to Restaurant Name’ with an input box. Required, single select, we should exclude the restaurant which is ‘copy from’ from the search list. Inline error: Restaurant name is required.  When save, check if the selected restaurant with existing appliance settings, if yes, display an error message ‘Unable to save the settings. The restaurant already exists an appliance settings.’   * Click the Create button on the top right, and the pup up the “Create New Appliance Settings” side window. * Choose the restaurants: Dropdown list of the restaurants * Following instructions could be found in UC #004 Create New Appliance Settings. * Click Save.   Note: We do not support the “Effective Date” for MVP.   1. ‘Import’ button: When user clicks ‘Import’, pop up a confirmation window,   Are you sure  Are you sure you want to update appliance settings of restaurant(s)?  Action: ‘Cancel’: discard the import action. ‘Continue’: import the appliance settings.   1. When user import a file to update appliance settings: 2. Utilize restaurant name to update existing restaurant.  * The restaurant name should be exactly the same. * Ignore the place at the beginning and last. * Case insensitive.  1. If any restaurant name isn’t mapped with existing alliance settings of restaurant name, we should ignore the appliance setting of the restaurant as update existing data. After updated, display a message:   If no error, “Successfully updated # restaurants’ appliance settings.”  If any ignoration, ‘Successfully updated # restaurants’ appliance settings. And failed to update the following restaurants’ data: {restaurant name 1}, {restaurant name 2}’ Action: ‘OK’: close the message.  If all restaurants cannot be found, display error message: ‘Unable to update all restaurants in file. Cannot find restaurant names in system.’   1. Page Permission:   User could choose the page permission as following screenshot shows:  3. Appliance Management of Certain Restaurant:   * Click the “View” button on the Appliance Settings Page and enter the existing appliance Managements of this restaurant. * If there is no existing Appliances, show blank and the user could create/add the new appliance after clicking the Create button on the top right. * Display the existing Appliances Settings:   Appliance Name- Display the existing Appliances Name; The appliances names are: Cater Hoffman, Hot Box, Turbo Oven, Water Bath, Steam Table and C-VAP. These are ordered by appliances' names according to first letter.  Settings- We should display the corresponding fields according to different appliances. The corresponding matching relationship should be:(“ \* ” the means required field)  TURBO\_OVEN  Temperature\*: Dropdown that is constrained by the following values: 475, 525, 500, 550  Parent Button\*: Required, Free Text  Child Buttons\*: Required, Free Text  Cook Time\*: Required, must be greater than 0, in seconds  Step: Optional, Step No#, Percent Time, Wind Speed: The options range in increments of 5 from 10 to 100  WATER\_BATH: Temperature\*- Dropdown list that is constrained by the following values: 175, 165, 194  Steam Table/C-VAP: user is able to defind temperature: free form, Minimum 1 number; maximum 3 numbers, integer. Refer to 'Water Bath'.    CARTER\_HOFFMAN: Slots-This value comes from "slots"; Temperature\*: free text  HOT\_BOX: Temperature\*, Dropdown input that is constrained by the following values: 110, 175, 180, 200  Users can Edit or Delete the existing appliance settings by clicking the Edit/ Delete button.  4. Edit an Appliance’s Settings  Click the “Edit” button on the Appliance setting list, then the appliance info will pop up on the right with the “Appliance Settings Management” masked as a grey background. (Take the Turbo Oven as the example)    According to the mapping relationship described above. All the corresponding info should auto fill (if there is) and display on the side pup-up, the parameters are:(Take the Turbo Oven as the example)   * Concept- not allow editing * Temperature: Required, The temperature should be Dropdown list that is constrained by the following values based on the appliance:   water bath (F): 175, 165, 194  Turbo (F): 475, 525, 500, 550  Hot Box (F): 110, 175, 180, 200   * Cook Time:＞0; the format should show as the following:      * Parent Button- Required if appliance is Turbo Oven. Not required for other appliances. User could add more than one Parent Buttons after clicking the “Add Parent Button” * Child Button- Required if appliance is Turbo Oven. Not required for other appliances. This field will only allow to edit once the Parent Button texted. User could add more than one Child Buttons after clicking the “Add Child Button” * Steps- Click the “Add New Steps” button and the Present Time and Wind Speed buttons will auto appear: Precent Time; Wind Speed   5. Create New Appliance Settings  Update the existing Line Build page with different information based on the appliance, once the corresponding Appliance and buttons selected:    Note: We don’t need to display the Wind Speed or Temperature on the line build page, just needs to be included in the response contract for downstream consumers like the chef app.  Once the Appliance selected, the corresponding Cook Time will automatically populate.  6. We should support the Import and Export JSON doc for Appliance Information.  In all environments, display an “Import” button in Appliance Settings page for users who has the permission to create Appliances.  In all environments, display an “Export” button in Appliance Settings page for users who has the permission to create Appliances:  File name: [AppliancesSettings][DATE in MM-DD-YY] {Environment}. Like this: AppliancesSettings\_3-31-22\_PRO   1. When user has set parameter for turbo oven in a restaurant, we should still show 'Turbo Oven' option in pop-up window of Create New Appliances Settings. After creating more than 1 turbo ovens, show more than 1 record in the appliance list. |
| Extend Scenario:  Note: |

## Tran-MS13-10 Location Mappings

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| **MS13-10 Location Mappings** |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Updated By | Date | Description | | 1.0 | Monica | 2022.6.30 | First version | | 1.1 | Bonnie | 2022.9.28 | Routes Mapping enhancement | | 1.2 | 2022.10.21 | Bonnie | Create Production Card for Recipe Details | | 1.3 | 2022.11.14 | Bonnie | Support to create Kitchen location and Sub-location in UI | | 1.4 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/dgIm\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS13-11 ERP Item Fields

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| **MS13-11 ERP Item Fields** |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Updated By | Date | Description | | 1.0 | 2022.10.26 | Bonnie | First Version | | 1.1 | 2022.11.14 | Bonnie | Support to create Kitchen location and Sub-location in UI | | 1.2 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | | 1.3 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/uAIg\_w |
| **Extend Scenario:** |
| **Exception Scenario:** |
| Notes: |
| Q/A: |

## Tran-MS13-12 Facilities

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| **MS13-12 Facilities** |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Updated By | Date | Description | | 1.0 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | | 1.1 | 2023.5.31 | Bonnie | Add Address to Facilities | |  |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| **Main Scenario:**  **https://wonder.atlassian.net/wiki/x/v4If\_w** |
| **Extend Scenario:** |
| **Exception Scenario:** |
| Notes: |
| Q/A: |

## Tran-MS13-13 Kitchen

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| **MS13-13 Kitchen** |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Updated By | Date | Description | | 1.0 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | |  |  |  |  | |  |  |  |  | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/MoIk\_w |
| **Extend Scenario:** |
| **Exception Scenario:** |
| Notes: |
| Q/A: |

## Tran-MS13-14 Printer Route

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| **MS 13-14 Printer Route** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023/11/16 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/2IIf\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Attributes

## Tran-MS13-01 Attributes Management

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| **MS13-01 Attributes Management** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB02-04 Ingredient details | | 1.1 | 2023.1.16 | Bonnie | Attributes Enhancement | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  **Background:** Attributes provide contextual product information and capture functional properties intrinsic to the item. Currently, most properties of items are captured within the title or product description. Other properties are rigidly defined during item set up, but not flexible enough to be transferable across the existing data modal. An attribute modal is a lightweight framework that will enable users to maintain a dictionary of item properties and apply definitions across managed items. Attribute and values will be used in multi domains.  Figma: https://www.figma.com/design/RWZ9t8u9Qv0ijgDcC1ErOl/CBL-3%3A-Attributes?node-id=2390-56078&t=wfYbADxAfxJCD7qG-0 |
| **Main Scenario: Attributes grid**  https://wonder.atlassian.net/wiki/x/cgEm\_w |
| **Main Scenario 2: Add/edit a Category or an Attribute**  **https://wonder.atlassian.net/wiki/x/cgEm\_w** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS13-02 Items’ Attributes

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| **MS13-02 Items’ Attributes** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.11.4 | Bonnie | First version | | 1.1 | 2023.1.16 | Bonnie | Attributes Enhancement | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/iIEm\_w |
| Extend Scenario:  https://wonder.atlassian.net/wiki/x/iIEm\_w |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran- Sync Job Log

## Tran-MS14-01 ERP Sync Log

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| **MS14-01 ERPSync Log** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.4.11 | Bonnie | ERP Sync Job Log | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Currently, we support to sync items to ERP system with API. Log every sync job so that user can check the log to see if there is any problem. |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/QIFD\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS14-02 OG Sync Log

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| **MS14-02 OG Sync Log** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.4.11 | Bonnie | OG Sync Log | | 1.1 | 2023.7.24 | Bonnie | Sync Vendor Item info from Order Grid | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/QIFD\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Component & BOM View

## Tran-MS15-01 Components (Bill of Materials) Card

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| **MS15-01 Components (Bill of Materials) Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.5 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  <https://wonder.atlassian.net/l/cp/YVUR0Agc>  Figma: <https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?node-id=1000-9408&t=ByON1K1GPRQfh5tp-0> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/2QHx\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS15-02 Selected Components

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| **MS15-02 Selected Components** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.5 | Bonnie | First version | | 1.1 | 2023.9.17 | Bonnie | Optimization in UI | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  <https://wonder.atlassian.net/l/cp/YVUR0Agc>  Figma: <https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?node-id=1000-9408&t=ByON1K1GPRQfh5tp-0> |
| **Main Scenario1: BOM hasn’t created**  https://wonder.atlassian.net/wiki/x/qoD3\_g |
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| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS15-03 Add Component

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| **MS15-03 Add Component** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.5 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  <https://wonder.atlassian.net/l/cp/YVUR0Agc>  Figma: <https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?node-id=1000-9408&t=ByON1K1GPRQfh5tp-0> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/7QD4\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS15-04 Create Packaging Item

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| **MS15-04 Create Packaging Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.5 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  <https://wonder.atlassian.net/l/cp/YVUR0Agc>  Figma: <https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?node-id=1000-9408&t=ByON1K1GPRQfh5tp-0>  [HDR Recipe Instances.xlsx](https://foodtruckinc-my.sharepoint.com/:x:/g/personal/bonnieyang_xm_wonder_com/EfvOMXWJNFFGi3W9scCQqIUB_7MBQmrbIVAMuDoXXscmQQ?e=Ii226r) |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/1ID3\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS15-05 Submit

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| **MS15-05** Submit |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.5 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  <https://wonder.atlassian.net/l/cp/YVUR0Agc>  Figma: <https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?node-id=1000-9408&t=ByON1K1GPRQfh5tp-0> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/b4Ah\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS15-06 Guest Packaging

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| **MS15-06 Guest Packaging** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.7 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: https://www.figma.com/file/wzDxKjaxbuWQNF1ttV7Dj1/CB-Design-(eng-ready)---Sp-14?type=design&node-id=4523-20721&mode=design&t=YToIQi8Wr7CCKUPd-0#493679422 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/fYAf\_w |
| Extend Scenario: Data Migration |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS15-07 Create/Edit Packaged Item’s BOM

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| **MS15-07 Create/Edit Packaged Item’s BOM** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.31 | Bonnie | First version | | 1.1 | 2023.11.6 | Bonnie | Allow to change sub-type for Packaged Item | | 1.2 | 2023.11.23 | Bonnie | [GG support]Add “Service setting” for HDR Recipe as Menu Item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 15-08 Recipe Components Card

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| **MS15-08 Recipe Components Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.21 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: MD-9698**  **https://wonder.atlassian.net/l/cp/QTAXxzjK**  Figma: https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/0NyJckIGzFgZdqvN5DzNau/CBL-1%3A-Items?type=design&node-id=2580-102662&mode=design&t=pXUYDXLIHohd6QkU-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/5AAf\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 15-09 Create/Edit Recipe’s Component

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| **MS15-09 Create/Edit Recipe’s Component** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.21 | Bonnie | First version | | 1.1 | 2023.12.8 | Bonnie | Auto recommend/create preparation item to replace seleced ingredient item in input section | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: MD-9698**  **https://wonder.atlassian.net/l/cp/QTAXxzjK**  Figma: https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/0NyJckIGzFgZdqvN5DzNau/CBL-1%3A-Items?type=design&node-id=2580-102662&mode=design&t=pXUYDXLIHohd6QkU-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/vACI8w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 15-10 Preparation’s Component

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| **MS 15-10 Preparation’s Component** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.21 | Bonnie | First version, Byproduct Recipe Overhaul | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: MD-9698**  **https://wonder.atlassian.net/l/cp/QTAXxzjK**  Figma: https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/0NyJckIGzFgZdqvN5DzNau/CBL-1%3A-Items?type=design&node-id=2580-102662&mode=design&t=pXUYDXLIHohd6QkU-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/WQEi\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 15-11 Calculate Recipe's Component Cost

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| **MS 15-11 Calculate Recipe’s Component Cost** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.21 | Bonnie | First version, Byproduct Recipe Overhaul | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: MD-9698**  **https://wonder.atlassian.net/l/cp/QTAXxzjK**  Figma: https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/0NyJckIGzFgZdqvN5DzNau/CBL-1%3A-Items?type=design&node-id=2580-102662&mode=design&t=pXUYDXLIHohd6QkU-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/OoEf\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 15-12 Benchtop Component of 88\* item

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| MS 15-12 Benchtop Component of 88\* item |
| Version History   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.5.23 | Bonnie | First version, MD-12864 | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/JoEf\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 15-13 Packaged SKUs

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| MS 15-13 Packaged SKUs |
| Version History   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.7.10 | Bonnie | First version, MD-12926 | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**<https://wonder.atlassian.net/wiki/x/VIHz_/> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Customization V2

## MS16-01 Customization View

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| **MS 16-01 Customization View** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.29 | Bonnie | First version  MD-8788 Improvement Customization workflow  MD-9950 Cookbook Changes for Scaling Merchandising Menu | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/Tq5si39g**  Figma:  https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/CB-Design-(eng-ready)---Sp-8-13?type=design&node-id=3379-105322&mode=design&t=OkIUarwInddxjYu6-0 |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

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| **MS16-01 Customization View** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.29 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/CB-Design-(eng-ready)---Sp-8-13?type=design&node-id=3379-105322&mode=design&t=OkIUarwInddxjYu6-0 |
| **Main Scenario:**  **Please refer to confluence:**  **https://wonder.atlassian.net/wiki/x/-IBB7** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS16-02 Create/Edit Customization

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| **MS16-02 Create/Edit Customization** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.29 | Bonnie | First version  MD-8788 Improvement Customization workflow  MD-9950 Cookbook Changes for Scaling Merchandising Menu | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: <https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/CB-Design-(eng-ready)---Sp-8-13?type=design&node-id=3379-105322&mode=design&t=OkIUarwInddxjYu6-0>  PRD: https://wonder.atlassian.net/l/cp/YjwDm4bn |
| **Main Scenario:**  Refer to the confluence:  https://wonder.atlassian.net/wiki/x/84Ab7   1. Action: Cancel, Save 2. ~~A customization/option name is selected in preset, when the customization name (e.g., choose your toppings) or option name (e.g., “pecans”) is updated in BYO, then it will auto-reflect in the preset view.~~   ~~The same logic in updating the other information (e.g., mix/max, mapping item, etc).~~   1. ~~A customization is selected in preset, when editing its max, validate whether any preset with the customization and the selected option of the customization > max amount, if so, show error message: 'Unable to save. The customization options in the following preset are more than the maximum {#}. Please revise it from the preset first: preset {preset name1}, {preset name 2}.'~~ 2. ~~When clicking ‘Delete’ icon on a customization, show a warning~~ |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS 16-04 Create/Edit Option

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| **MS 16-04 Create/Edit Option** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.29 | Bonnie | First version  MD-8788 Improvement Customization workflow  MD-9950 Cookbook Changes for Scaling Merchandising Menu | | 1.1 | 2024.1.15 | Bonnie | Limitate to expand component item until non 88\* item for customization mapping item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  Refer to the confluence page: https://wonder.atlassian.net/wiki/x/loAd7   * 1. W |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS 16-05 Customization Validation

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| **MS 16-05 Customization Validation** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.29 | Bonnie | First version  MD-8788 Improvement Customization workflow  MD-9950 Cookbook Changes for Scaling Merchandising Menu | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  Refer to confluence page:  https://wonder.atlassian.net/wiki/x/-YAb7 |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS 16-06 Presets

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| **MS16-06 Presets** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.11.20 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Ticket: [MD-14159](https://wonder.atlassian.net/browse/MD-14159), [MD-14298](https://wonder.atlassian.net/browse/MD-14298)  PRD: [Preset BYO - Consumer Requirements](https://wonder.atlassian.net/wiki/x/uQB40Q),  Cookbook PRD: <https://wonder.atlassian.net/wiki/x/EIA53>,  https://wonder.atlassian.net/wiki/x/JgCF0w  Figma: <https://www.figma.com/design/D9QUMUVZMB2Fm1hD5kbpy7/CBL-1%3A-Items?node-id=14227-311423&node-type=canvas&m=dev> |
| **Main Scenario:**  Refer to confulence page:  https://wonder.atlassian.net/wiki/x/sgO16w |
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# Tran-Ingredient Request

## Tran-MS17-01 Ingredient Request

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| **MS17-01 Ingredient Request** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.5 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/XQD4\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS17-02 Sourcing & Procurement

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| **MS17-02 Sourcing & Procurement** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.5 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: |
| Main Scenario:  https://wonder.atlassian.net/wiki/x/kAHx\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS17-03 Non-food Item Request

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| **MS17-03 Non-food Item Request** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.17 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/b4H0\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Procedure

## Tran-MS18-01 Procedure Card

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| **MS18-01 Procedure Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.10.21 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  **PRD: https://wonder.atlassian.net/l/cp/3SgrN33o**  Figma: https://www.figma.com/file/CsQlfISHTGMUwXpY3vDlK9/(current)-Sprint-21-25?type=design&node-id=238-7474&mode=design&t=ZDKygUFrWgzkdYXI-0 |
| **Main Scenario:**  <https://wonder.atlassian.net/wiki/x/SoB8_g> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS18-02 Appliance & Equipment

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| **MS18-02 Appliance & Equipment** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.10.21 | Bonnie | First version | | 1.0 | 2024.6.11 | Bonnie | Add Resource Information, MD-13276 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario:**  <https://wonder.atlassian.net/wiki/x/WwB-_g> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS18-03 Parameters of Appliance & Equipment

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| **MS 18-03 Parameters of Appliance & Equipment** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.10.24 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/CHqUv6bC**  Figma: https://www.figma.com/file/CsQlfISHTGMUwXpY3vDlK9/(current)-Sprint-21-25?type=design&node-id=238-8908&mode=design&t=CiItr3c5NGLEZClE-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/tIB8\_g |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Logistics

## Tran-MS 19-01 Logistics Card

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| **MS 19-01 Logistics Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.1.15 | Bonnie | Add ‘HDR Item’ to Support Non-Food Tracking and Ordering | | 1.1 | 2024.4.12 | Bonnie | Space Management Card MD-12269 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/ruSZacso**  Figma:  https://www.figma.com/file/CsQlfISHTGMUwXpY3vDlK9/(current)-Sprint-21-25?type=design&node-id=24-19330&mode=design&t=pnplCKg0dUwyYAi2-0 |
| **Main Scenario:**  Refer to https://wonder.atlassian.net/wiki/x/RABX\_/ |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 19-02 Edit Logistics Card

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| **MS 19-02 Edit Logistics Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.10.31 | Bonnie | MD-9456 Modeling changes for palletization | | 1.1 | 2024.1.15 | Bonnie | Add ‘HDR Item’ to Support Non-Food Tracking and Ordering | | 1.2 | 2024.4.12 | Bonnie | Space Management Card MD-12269 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:** <https://wonder.atlassian.net/l/cp/ruSZacso>  **https://wonder.atlassian.net/l/cp/Mv1SEpBc**  Figma: |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/eYBW_/> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Decant Loss

## MS 20-1 Decant Loss

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| **MS 20-1 Decant Loss** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.3 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/jk7GcYcf**  Figma: https://www.figma.com/file/CsQlfISHTGMUwXpY3vDlK9/(current)-Sprint-21-25?type=design&node-id=1550-35&mode=design&t=ScP7DSslNPvnVKOH-0 |
| **Main Scenario:**  <https://wonder.atlassian.net/wiki/x/-QBA_Q> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Benchtop Recipe

## Tran-MS 21-01 Benchtop Recipe Details

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| **MS 21-01 Benchtop Recipe Details** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/uTttNU3t**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/xIBy\_Q |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 21-02 Commercialize Item

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| **MS 21-02 Commercialize Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  | Bonnie |  | | 1.1 | 2024.5.30 | Bonnie | MD-12678 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition : https://wonder.atlassian.net/l/cp/uTttNU3t**  **PRD: https://wonder.atlassian.net/wiki/spaces/~712020735951bb19ca4030aef4f98504f0b3da/pages/3209035884/Benchtop+and+Commercial+Recipe+Versioning+and+Linkages#Requirement-Analysis-(RA)**  <https://wonder.atlassian.net/browse/MD-12688>  **https://wonder.atlassian.net/browse/MD-12687**  Figma: |
| **Main Scenario:**  **https://wonder.atlassian.net/wiki/x/ioB2\_Q** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Related Items Card

## Tran-MS 22-01 Related Items Card

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| **MS 22-01 Related Items Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  | Bonnie | First version | | 1.1 | 2024.1.10 | Bonnie | New item linkages to old items | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/uTttNU3t**  Figma: <https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/X1lo8VEI0iKoKCzMnya0Op/CBL-1%3A-Items?type=design&node-id=4117-313066&mode=design&t=oWlrWdSCBX310vxa-0>  <https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/X1lo8VEI0iKoKCzMnya0Op/CBL-1%3A-Items?type=design&node-id=4733-114271&mode=design&t=3DhuUkWFxmqRS46u-0> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/zAEi\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# API & Backend Support

## MS23-01 API

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| **MS23-01 API** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.10 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  **PRD: https://wonder.atlassian.net/l/cp/gkxHfv1B**  Figma: |
| **Main Scenario: Search Accompanying Items**  Search API： item\_number, name, information, support fuzzy search, its ‘consumable’ flag is true, &  it is stockable (=Yes); or its parent item is stockable (=Yes), &  its BOM unit is ‘ea’  exclude object type=menu item (meaning truck item  only items with active version (meaning has a live final version) (exclude dormant items/soft deleted items) |
| **Main Scenario: Sync BOM to ERP**  1. Since user can tag multiple attributes on an item, so that any bom lines Non-food items that have a resouce\_type == REUSABLE , we should exclude the BOM line from the sync job.  2.Once a non-food item’s attribute is updated ( resouce\_type == REUSABLE ︎ Consumable ), AND it is used in any parent item, we should include it in the sync job and resync its parent items to ERP.  3.When release this issue, check any non-food item with resouce\_type == REUSABLE, we should resync its parent items’s BOM exclude this non-food item to ERP. |
| **Main Scenario: Support Image for Consumable item**  1.If the item is non-88\* item, return its image files in item information card.  2.If the item is 88\* item, capture the image from image files in item information card and image in assembly instructions in effective version.  3.If the effective version doesn’t have image, then the image is null, we don't return the item number to downstream system. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS23-02 Backend Support

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| **MS23-02 Backend Support** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario: Recipe scaling fix - yield ceiling (MD-11996)**  Refer to <https://wonder.atlassian.net/wiki/x/NoGX9Q> |
| **Main Scenario: Schedule Dormant Items**  <https://wonder.atlassian.net/wiki/x/Q4GX9Q> |
| **Data Migration the nutrition related fields:**  <https://wonder.atlassian.net/browse/MD-12568> Data migration of serving per dish/serving size fields for menu items  <https://wonder.atlassian.net/browse/MD-12527> Fix the yield of menu item to 1ea  <https://wonder.atlassian.net/browse/MD-12586> Data migration for component data model by menu item's BOM data model |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Global Appliance Settings

## MS 24-01 Global Appliance Setting

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| **MS 24-01 Global Appliance Setting** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:** <https://wonder.atlassian.net/l/cp/vocrcvQY>  **https://wonder.atlassian.net/browse/MD-10830**  Figma: |
| **Main Scenario:**  Add a new global appliance setting model in Cookbook. No need to provide UI in this ticket. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Brand

## Tran-MS 25-01 Brands

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| **MS 25-01 Brands** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.1.24 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/browse/MD-9979**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/TgEl\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran- Create/Edit Brand

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| **MS 25-02 Create/Edit Brand** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.1.24 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/TgEl\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-User List

## Tran-MS 26-01 User List

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| **MS 26-01 User List** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024/5/9 | Bonnie | MD-12525 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD: https://wonder.atlassian.net/l/cp/nujXWagT**  Figma: https://www.figma.com/file/4J0fLJnw3xbY7J2vBJ8UmO/Lists?mode=dev  <https://www.figma.com/design/4J0fLJnw3xbY7J2vBJ8UmO/Lists?node-id=0-1&node-type=CANVAS&m=dev>  Private list: https://www.figma.com/design/4J0fLJnw3xbY7J2vBJ8UmO/Lists?node-id=2666-257387&node-type=CANVAS&m=dev |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/DQFH\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 26-02 User List Detail

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| **MS 26-02 User List Detail** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024/5/9 | Bonnie | MD-12525 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/DQFH\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# HDR Items

## MS 27-01 HDR Items

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| **MS 27-01 HDR Items** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024/5/30 | Bonnie | MD-12666 | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**   * 1. For packaged items & ingredients, if 'for-sale' = Yes, and stockable = Yes, show them in the HDR Item list.   2. For non-food items, if they meet the following conditions, show them in the HDR Item list.   If HDR-item = "Yes, others',  or HDR-item ='Yes, from BOM' & 'for-sale'= Yes   * 1. Please reuse the design in item grid page.      1. In ‘Show all filters' pop-up window, remove 'Recipe’ section (Kitchen Location, Line build Status), Nutrition section (Allergens Reviewed, Nutrition Reviewed)      2. Remove the ‘…' button and the checkbox in front of item table.      3. Add a new page 'HDR Items'.      4. In 'object type’ filter, only show Packaged, Non-food and Ingredient and its sub object type.      5. Add ‘HDR Items' filter at the left of 'Concept’ filter. Possible option: Yes (from BOM), Yes (Others), multiple selects. Default to show 'HDR Items'=yes (others).      6. Show columns in the column picker as the following order: ID, Name, Type/Subtype, Item Status, Version, HDR Items, Sold Status, Concept(s), Vendor SKU (Default unselected), Component Usages (Default unselected), Attributes, Comments, Missing Fields, Last Updated Time, Created Time(Default unselected).      7. Add ‘HDR Items' column in column picker (default to checked).      8. Record the custom of column picker for user. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Tran-Variant-Test Kitchen

## MS 24-01 Variant List

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| **MS04-01 Variant List** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.9.10 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  PRD: |
| Main Scenario:  Refer to <https://wonder.atlassian.net/wiki/x/2YJ98w> for RA details. |
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## MS 24-02 Create New Variant

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| **MS04-02 Create New Variant** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.9.10 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  PRD: |
| Main Scenario:  **Refer to** <https://wonder.atlassian.net/wiki/x/j4N_8w> **for RA details.** |
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## MS 24-03 Variant Details

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| **MS04-03 Variant Details** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.9.10 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| Main Scenario:  Refer to <https://wonder.atlassian.net/wiki/x/xoN_8w> for RA details. |
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# MS Use Case Template

## MS xxx

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| **MS xx-xx Features** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 |  |  | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**   * + 1. W |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |