# Overall

## Prototype

Master Data prototype link: <https://egqz46.axshare.com>

The menu of ‘Master Data’ system is Item, Menus, Scheduled Changes, Preparations, Common Stock, Attributes, Vendor Items, Concepts, Chef App Configs.

## Item Type in Model V2

We aggregate previous recipes and ingredients into items. However, we should ensure the workflow in R&D and Production. So we will create some new item types to accommodate to the previous recipe type.

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| --- | --- | --- |
| Previous Recipe (will be removed) | Final Item Type | Notes |
| Ingredient | Ingredient Item |  |
| Truck Recipe | Truck Item | Nick name ‘Recipe Item’ |
| Test Kitchen | Commissary Item | Nick name ‘Recipe Item’ |
| Commissary | Commissary Item | Nick name ‘Recipe Item’ |
|  | Preparation Item | Nick name ‘Recipe Item’ |
| Test Commissary | Original Subrecipe Item | New item type, Nick name ‘Recipe Item’ |
| Original | Original Item | New item type, Nick name ‘Recipe Item’ |
|  | Partial Kit Item | Nick name ‘Package Item’ |
|  | Multiple Packaged Item | Nick name ‘Package Item’ |
|  | Single Packaged Item | Nick name ‘Package Item’ |
|  | Truck Stock Item | Nick name ‘Package Item’ |
|  | Bag Item | Nick name ‘Package Item’ |
|  | Mobile SF Item | Nick name ‘Package Item’ |
|  | Non-Food Item |  |
|  | Common Stock Tote Item | Nick name ‘Package Item’ |

## Item mapping with packaged item

图片包含 图表

描述已自动生成

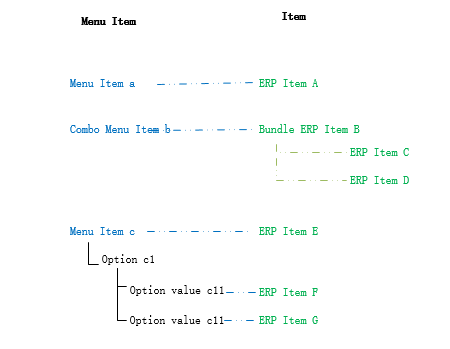
The above is an example of a normal truck item structure. Ingredient item and commissary item are kinds of basic item which is composed of other types of items.

We will record the relationship of packaged item with other item (Ingredient/Commissary/truck Item) from which user create packaged item . The relationship might work in the following functions:

* When calculate nutrition of truck item’s customization, we need to refer to it.
* Recommend BOM components as user creats a BOM line.
* Centralized display Assembly Instructions in a truck item.
* Etc.

## Menu item-items mapping

1. A menu item should be mapped to one item. For menu items with options, the option values will also be mapped to items.



Case1：One menu item mapping to one item:

For most of the preset type of meals, it is this case. See above Menu item A.

Case 2: Combo type of Menu item maps to bundle item

It is also possible that a menu item is made of multiple recipes. Such as: “Big Mac combo meal” is made of 3 recipes: “Big Mac” burger, French Fries, Coca-Cola. In this case, we will also create bundle type of menu items. So that the combo menu item will still be mapped to one item.

See above menu item B.

Case 3: One menu item mapping to one item, with is option values mapped to the item’s component item

See 2.2.1 customizable cases.

Case4 Recipes as option values

It is also possible that the menu item’s option values are corresponding to different recipes. Such as a package with main and optional sides. The side’s selections are different recipes. Thus the Menu item is mapping to one sellable item and its option values are mapping to different sellable items. See above Menu Item C.

## Workflow of Maintain an Item

For example: creating a truck item

图示

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## UI Overview

### Aggregate Recipe/Ingredient/Item Cards

1. CDT teams and Ops team are primary users of Cookbook system. What they focus is really different and the workflow is a kind of dependency. Like, Ops team will create item ERP information after creating an item which is related to previous recipe/ingredients model. In order to keep the convenience of workflow and maintain it, we will aggregate the previous recipe/ingredient cards in a tab on item detail page independently. And aggregate the previous item cards in another tab on item detail page as well. Please refer to the following screenshots. Meanwhile, the UI style of two tabs should be the same.
2. If user don’t have permission of a page, show error message: ‘You don't have permission for this page/action. Please check with administrator.’
3. Display ‘Basic Information’ tab, ‘ERP Item Information’ according to item type:

|  |  |  |
| --- | --- | --- |
| Item Type | Basic Information Tab | ERP Item Information Tab |
| Ingredient Item | √ | √ |
| Truck Item | √ | √ |
| Commissary Item | √ | √ |
| Original Subrecipe Item | √ | × |
| Original Item | √ | × |
| Partial Kit Item | × | √ |
| Multiple Packaged Item | × | √ |
| Single Packaged Item | × | √ |
| Truck Stock Item | × | √ |
| Bag Item | × | √ |
| Mobile SF Item | × | √ |
| Non-Food Item | × | √ |
| Common Stock Tote Item | × | √ |

1. If an item hasn’t created ‘ERP Item Information’, ONLY display ‘ERP Item Information’ card on ‘ERP Item Information’ tab.

电脑软件截图

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

电脑软件截图

描述已自动生成

图形用户界面, 应用程序, Teams

描述已自动生成

图形用户界面, 文本, 应用程序

描述已自动生成图形用户界面, 应用程序

描述已自动生成电脑屏幕截图

描述已自动生成电脑软件截图

描述已自动生成

### **MS01-01** Support Incremental Release

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| **MS01-01** Support Incremental Release |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.15 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario:**   1. On item detail page, hide the ‘Create New Version’ button.      1. Because there is ONLY one version currently (user cannot create new version), so we should allow user to edit an item version. User cannot edit effective end time. 2. Display ‘Delete Item’ instead of ‘Delete This Version’ button on item detail page. 3. Hide ‘Effective start time’, effective end time, reason for change, Jira link fields as user creates/edits an item version. 4. Hide version information on item detail page. 5. On Item grid page, display all active items on item level instead of item version level. 6. Hide ‘Line Build’ tab and ‘ERP Item Information’ |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS01-03** Support UoMs for Pantry

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| **MS01-03** Support UoMs for Pantry |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.17 | Bonnie | First version | | 1.1 | 2023.9.12 | Bonnie | MD-9878 New object type “HDR Recipe” for HDR production  MD-9903 API support for new object type "HDR Recipe" Item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  Doc: <https://wonder.atlassian.net/l/cp/1JbhaNPZ>  https://wonder.atlassian.net/browse/MD-8277  <https://wonder.atlassian.net/browse/MD-8597>  https://wonder.atlassian.net/l/cp/34CzvQgQ |
| **Main Scenario 1:**  https://wonder.atlassian.net/wiki/x/fIGg\_Q |
| **Extend Scenario: Provide Endpoint for Downstream System** |
| **Extend Scenario: Add a new page to visible the** **Transferred BOM** |
| **Extend Scenario: Alert conflict stock inventory flag of an item** |
|  |
| **Extend Scenario:** **Send the Alert when there is multiple stock item from stock item to consumable**  1. |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Items

## Item Grid

### All Sections/Cards in Item Model

We will keep all cards of recipe/ingredients/item in new item model. And present them in tabs respectively according to item types.

The overview of cards is as the following table.

|  |  |  |
| --- | --- | --- |
| **Section Name** | **Item Type** | **Details** |
| Basic Information | * ONLY for truck item/commissary bulk item/original item/ingredient item/ original subrecipe item/preparation item | The current recipe’s basic information |
| ERP Item Information | Most of items (except original item/ original subrecipe item) | The current item’s basic information |
| Components | * ONLY for truck item/commissary bulk item/original item/ original subrecipe item/preparation item * Packaged item/Non-food item needn’t components section. | * Truck item/commissary bulk item Only can add commissary bulk item or ingredient item into the components. * Original item/ original subrecipe item Only can add original subrecipe item or ingredient item into the components. |
| Procedure | ONLY for commissary/original subrecipe item/original item /preparation item |  |
| BOM | Most of items (except original item/ingredient item/non-food item/ original subrecipe item) |  |
| Nutrition & Allergens | Most of items (except non-food item and packaged items) | Keep the current recipe’s nutrition & allergens section. |
| Unit Conversions | All items | Display Unit Convertions section in Basic Information tab (Remove it from the current item function). |
| Food Science | ONLY for commissary bulk item/multi packaged item/preparation item |  |
| Kitting Instruction | ONLY for truck item | The current kitting instruction in recipe |
| Assembly Instructions | ONLY for partial kit item/single packaged item/multi packaged item | The current assembly instructions in item |
| All Ingredients | ONLY for commissary item/truck item/original item/ original subrecipe item/preparation item |  |
| Cooking and Preparations | ONLY for ingredient item |  |
| Component Usage | Most of items (except original item/truck item) | According to components section |
| Customization | ONLY for truck item |  |
| Line Build | ONLY for truck item |  |
| Attributes | All items |  |
| Guest Packaging | ONLY for truck item |  |
| Vendor Items | ONLY for ingredient/non-food item |  |
| procurement specs | ONLY for ingredient/non-food item |  |
| BOM Usage | Most of items (except original item/original subrecipe/truck item) | According to BOM line section |
| Usage-Guest Packaging | ONLY for non-food item |  |
| Smallwares | ONLY for truck item |  |
| Customization Usage | Most of items (except original item/truck item/ original subrecipe item) |  |
| Production | Commissary/multi-package/single-package/ partial kit/truck stock item/preparation item |  |
| Change History | ONLY for original item/truck item/ commissary item/original subrecipe item/preparation item |  |
| Versions | For all types of items |  |

|  |  |  |
| --- | --- | --- |
| **Item Type** | **Basic Information Tab** | **ERP Item Information Tab** |
| Ingredient | Basic Information  Attributes  Cooking and Preparations  Vendor Items  Procurement SpecsNutrition & Allergens  Unit Conversions  Items  Component Usage  Versions | ERP Item Information  Tracking Information  Storage Information  Supplier Items  Usage  Customization Usage |
| Commissary-commissary | Basic Information  Component  Procedure  Attributes  Nutrition & Allergens  Unit Conversions  Food Science  Production  All Ingredients  Items  Component Usage  Change history  Versions | ERP Item Information  Tracking Information  Storage Information  BOM  BOM Usage  Customization Usage |
| Commissary-Preparation | Basic Information  Component  Procedure  Attributes  Nutrition & Allergens  Unit Conversions  Food Science  Production  All Ingredients  Items  Component Usage  Change history  Versions | ERP Item Information  Tracking Information  Storage Information  BOM  BOM Usage  Customization Usage |
| Truck | Basic Information  Component  Attributes  Nutrition & Allergens  Assembly Instructions  Line Build (a tab rather than a card)  Unit Conversions  Items  All Ingredients  Change history  Versions | ERP Item Information  Tracking Information  Storage Information  BOM  Customization  Base Nutrition Facts  Guest Packaging  Smallwares |
| Original | Basic Information  Component  Procedure  Attributes  Nutrition & Allergens  Unit Conversions  All Ingredients  Change history  Versions |  |
| Original Subrecipe | Basic Information  Component  Procedure  Attributes  Nutrition & Allergens  Unit Conversions  All Ingredients  Component Usage  Change history  Versions |  |
| Single Packaged |  | ERP Item Information  Tracking Information  Storage Information  Attributes  BOM  Assembly Instructions  Production  Unit Conversions  BOM Usage  Customization Usage  Versions |
| Multi Packaged |  | ERP Item Information  Tracking Information  Storage Information  Attributes  BOM  Assembly Instructions  Production  Food Science  Unit Conversions  BOM Usage  Customization Usage  Versions |
| Partial Kit |  | ERP Item Information  Tracking Information  Storage Information  Attributes  BOM  Assembly Instructions  Production  Unit Conversions  BOM Usage  Customization Usage  Versions |
| Common Stock Tote/ Bag/ Mobile SF/ Truck Stock |  | ERP Item Information  Tracking Information  Storage Information  Attributes  BOM  Production (ONLY for truck stock)  Unit Conversions  BOM Usage  Customization Usage  Versions |
| Non-Food |  | ERP Item Information  Tracking Information  Storage Information  Attributes  Unit Conversions  Vendor Items  Receiving Info  BOM Usage  Customization Usage  Usage-Guest Packaging  Versions |

### **Tran-MS02-02** Item Grid

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| **MS02-02 Item Grid** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.15 | Bonnie | First version, copy from ‘CB03-03 Recipe list’ and ‘CB02-03 Ingredient list’ | | 1.1 | 2022.9.27 | Bonnie | Item Grid | | 1.2 | 2022.11.2 | Bonnie | V2 Feedback - Make the Sort More Obvious  V2 - Categorize Filters & Add Attribute Search | | 1.3 | 2022.12.8 | Bonnie | V2 Full Search | | 1.4 | 2023.1.30 | Bonnie | Item search improvement - use existing autocomplete functionality  Item Grid -> Type filter menu clean up | | 1.5 | 2023.2.10 | Bonnie | Support to dormant for item | | 1.6 | 2023.3.10 | Bonnie | Ingredient <> Vendor Item Mappings | | 1.7 | 2023.5.30 | Bonnie | Support to search by Vendor SKU in items list | | 1.8 | 2024.6.10 | Bonnie | Supplementing HDR Items List with SSOT Data (MD-13257) | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario:**  <https://wonder.atlassian.net/wiki/x/JgD59w>   1. Display all items (exclude soft deleted item) and display one of its item version data. By default, we show the actiOrderable Status: options ‘Orderable’, ‘Not Orderable’, ‘Inventory Only’.      * 1. Capture ‘SSOT items’ from snowflake table (dw\_prod\_brd.inventory.inventory\_item\_attributes) according to the following logic. Then show them in the existing ‘HDR Items' page, please deduplicate items.   Object type=ingredient/non-food/packaged/HDR recipe item  AND 'EXISTS\_AT\_HDR'=TRUE  AND ‘SOLD\_STATUS'=for sale/'N/A’/scheduled  AND 'MENU ITEM BOM\_STATUS'=In Accompanying Items/In Active BOM/Null  AND 'ITEM\_STATUS'=Active/R&D   * 1. Note: Please update the HDR Items list daily.   2. We should compare existing items against the SSOT items captured from Snowflake, and tag ‘SSOT Only’ on the items that don’t exist in the ‘HDR Item list'.   3. Orderable: means the items of which 'mark as orderable' field=True.   4. Not Orderable: means the items of which 'mark as orderable' field=False.   5. Inventory Only: means the items of which 'mark as orderable' field=False AND it is in SSOT table.   6. If selected all above options, please don’t show the items of which orderable=null.   7. In the column picker: Orderable (default selected)  1. ERP Info Status: single select. Possible value is ‘All’, ‘New’, ‘ERP Info Created’, ‘BOM Created’. Default by ‘All’. Display tooltip ‘ERP Info Status indicates whether the internal manufacturing item has been created yet.’  * New: an item hasn’t created ERP item information. * ERP Info Created: an item has created ERP item information, but not yet create BOM * BOM Created: an item has created BOM. * Add chip on values: new in blue, ERP Info created in green, BOM create in gray. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS02-03 Recipe Export & Action in Bulk Action Bar

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| **MS02-03 Recipe Export & Action in Bulk Action Bar** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.15 | Bonnie | First version, copy from ‘CB03-03 Recipe list’ and ‘CB02-03 Ingredient list’ | | 1.1 | 2023.7.31 | Bonnie | Force Sync Order Grid Items | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  Figma for Recipe Quick Check Column:  https://www.figma.com/file/CLIkYPE3J0PcrADKiK96gW/Recipe-Quick-Check?node-id=0%3A1 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/-QGP\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS02-04 Add to Menu in Bulk Action Bar

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| **MS02-04 Add to Menu in Bulk Action Bar** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.15 | Bonnie | First version, copy from ‘CB03-03 Recipe list’ and ‘CB02-03 Ingredient list’ | | 1.1 | 2023.2.10 | Bonnie | Support to dormant for item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  Figma for Recipe Quick Check Column:  https://www.figma.com/file/CLIkYPE3J0PcrADKiK96gW/Recipe-Quick-Check?node-id=0%3A1 |
| **Main Scenario:**  **https://wonder.atlassian.net/wiki/x/G4KO\_w** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS02-06 ERP Item Export in Bulk Action Bar

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| **MS02-06 ERP Item Export in Bulk Action Bar** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from RS06-16 Export Items and BOMs | | 1.1 | 2023.2.10 | Bonnie | Support to dormant for item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/DQCS\_w |
| **Extend Scenario: Export truck items and BOMs**  **https://wonder.atlassian.net/wiki/x/DQCS\_w** |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS02-07 Bulk Edit ERP Item

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| **MS02-07 Bulk Edit ERP Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.29 | Bonnie | First version, copy from ‘Recipe System’ doc | | 1.1 | 2022.10.13 | Bonnie | Add Resource Type field to Items & Update Smallware Mappings  Create Production Card for Recipe Details | | 1.2 | 2023.1.30 | Bonnie | Support Bulk Edit Sub-Object Type of Commissary Item | | 1.3 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | | 1.4 | 2023.3.24 | Bonnie | Automate ALL ERP field creation and re-organize data field UI | | 1.5 | 2023.6.1 | Bonnie | Bulk Edit Concept for items | | 1.6 | 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/GgCS\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-12** Export All Data of Recipe Items

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| **MS02-12** Export All Data of Recipe Items |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.19 | Bonnie | First version, copy from RS05-07 Export all data for Wonder Recipes | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/HYCR\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-13** Export Nutrition Data of Recipe Items

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| **MS02-13** Export Nutrition Data of Recipe Items |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.19 | Bonnie | First version, copy from RS05-08 Export Nutrition Data | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/poGQ\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-14 Nutrition Recalculation**

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| **MS02-14 Nutrition Recalculation** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.11.14 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  https://wonder.atlassian.net/wiki/x/ZAKP\_w |
| **Main Scenario 1: Sync from PROD to UAT or from UAT to PROD**   1. The nutrition/allergens/review status of the imported recipe/its subrecipes and ingredients should be the default values in imported JSON. (Means we should skip them when auto recalculate nutrition/allergens.) 2. After successfully recalculate, their parent recipes’ nutrition reviewed status will be turned into ‘Need Review’ whatever their original review status is. The auto recalculation job won’t update the ‘Last updated time by user’ field. (However, we shouldn’t overwrite the nutrition of the main recipe and its sub recipes again when auto recalculate nutrition/allergens.) 3. The logic of changing nutrition:  |  |  |  | | --- | --- | --- | | ****Actions**** | ****The synced truck recipe and its subrecipe**** | ****Parent Recipes of the main truck recipe/its subrecipes**** | | Import from PROD to UAT (**single** import) | * **Status is the original status in PROD** * **Reviewed by: original user who reviewed the recipe** * **Reviewed Time: original time when the recipe was reviewed** * **The logic of direct ingredient component is the same as subrecipe.** | 1. Currently there are 2 recalculation jobs, one is for calculating nutrition, the other is for calculating allergens. 2. After updating the truck recipe and its components, (We should compare if the nutrition is changed exactly or not, if yes, trigger auto recalculation of their parent recipes).  * After recalculating parent recipes, (We should compare if the nutrition is changed exactly or not, if yes, turn the parent recipe’s nutriton status into need review) * The recalculation of parent recipes won’t override the recipes again which are synced/imported by user manually. * Please refer to ‘Main Scenario 2: Update Version’ for the logic of how to compare if nutrition is changed or not. | | Sync from PROD to UAT (**Bulk** sync) | The same logic as single import. | The same logic as above. | | **Single** Sync from UAT to PROD | **Change status to false.**  **Nutrition needs to re-review everything that goes to PROD** | The same logic as above. | | **Bulk** Sync from UAT to PROD | T**he same logic as single sync from UAT to PROD.** | The same logic as above. | |
| **Main Scenario 2: Update Version**  https://wonder.atlassian.net/wiki/x/ZAKP\_w |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### MS02-11 Bulk Edit Transfer Pricing

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| **MS02-11 Bulk Edit Transfer Pricing** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2024.5.9 | Bonnie | MD-12521 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**   * + 1. Adding new options 'Download Bulk Edit Pricing Template' and 'Bulk Edit Transfer Pricing' in item grid page. And adding a new permission for 'Bulk Edit Transfer Pricing'.     2. When bulk edit pricing by template, only update the effective version.If any item fails to be updated, we should show the result after the bulk edit action.     3. Remove auto calculation of Total Transfer Price Cost, Allow users to edit Total Transfer Price Cost by UI/bulk edit template.     4. Error reason for invalid fields:Food Cost should be number >=0, up to 5 decimal placesPackaging Cost should be number >=0, up to 5 decimal places   Other should be number >=0, up to 5 decimal placesDirect Labor Cost should be number >=0, up to 5 decimal placesOutbound & Freight Cost should be number >=0, up to 5 decimal placesFee Rate should be number >=0, up to 5 decimal places  Exclusive should be dropdown value in Cookbook.   * + 1. Result message:   'Successfully updated {Successfully Updated Numbers} items, and failed to update the following items:1. Only can update the pricing of 88\*/5\*/9\* items.2. There are # item(s) without item number.3. {Item number1} Cannot find the item{Error reason1}{Error reason2}3. {Item number1} {Error reason1}{Error reason2}  W |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Create Item

### Creation Portal of Item

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| --- | --- | --- |
| **Creation Portal of Item** | **Related Item Type** | **Reference Image/Notes** |
| ‘Create Item’ button on Item Grid Gage | * Ingredient Item * Truck Item * Original Item * Commissary Item * Original Subrecipe Item * Non-Food Item * Common Stock Tote Item * Bag Item * Mobile SF Item | 图形用户界面, 应用程序, Teams  描述已自动生成 |
| ‘Create Packaged Item’ option in ‘Actions’ column | * Ingredient Itemà Single Packaged Item/Truck Stock Item * Commissary Itemà Single Packaged Item/ Truck Stock Item * Truck Itemà Partial Kit Item * Multi Packaged Itemà Truck Stock Item | 图形用户界面, 应用程序  描述已自动生成 |
| ‘New’ button on ‘Edit Components’ pop-up window | * Ingredient Item * Commissary Item | 图形用户界面, 应用程序, 电子邮件  描述已自动生成 |
| ‘Create Packaged Item’ button on Item Detail page | * Ingredient Itemà Single Packaged Item/Truck Stock Item * Commissary Itemà Single Packaged Item/ Truck Stock Item * Truck Itemà Partial KitMulti Packaged Itemà Truck Stock Item | 手机屏幕截图  描述已自动生成 |
| ‘Create Multi Packaged Item’ button on components card of truck item (Current Recipe’s item setting) | Multi Packaged Item | 图形用户界面, 网站  描述已自动生成 |
| ‘Create Item’ button on current kitting instruction function | * Single Packaged Item * Truck Stock Item * Partial Kit Item | 图形用户界面, 应用程序  描述已自动生成 |

### Workflow of Creation Item

Currently some types of items will be created by CDT team due to the workflow of R&D. While some packaged item will be created by Ops team. The information of item is different when user creates different types of items. Here is the workflow of creating item according to item type.

图示

描述已自动生成

图示

描述已自动生成

图示

描述已自动生成

图示

描述已自动生成

### Tran-Overview of Creation/Edit Item

https://wonder.atlassian.net/wiki/x/ZQGt8w

### Tran-MS02-03 Create Ingredient Item

|  |
| --- |
| **MS02-03** Create Ingredient Item |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from CB02-04 Ingredient details | | 1.1 | 2023.3.24 | Bonnie | Automate ALL ERP field creation and re-organize data field UI | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario 1: Create an ingredient**  Refer to <https://wonder.atlassian.net/wiki/x/n4Cv8w>  for details. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-04** Create **‘Recipe’** Item

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| --- |
| **MS02-04 Create ‘Recipe’ Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from **CB03-01 Create recipe** in ‘Cookbook’ doc | | 1.1 | 2022.9.19 | Bonnie | Update Kitchen Sublocation to be multi-select | | 1.2 | 2022.10.20 | Bonnie | Create Production Card for Recipe Details | | 1.3 | 2023.1.13 | Bonnie | Preparation Recipe Type | | 1.4 | 2023.3.24 | Bonnie | Automate ALL ERP field creation and re-organize data field UI | | 1.5 | 2023.6.8 | Bonnie | Concept management | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Data Migration of Commissary Item: https://wonder.atlassian.net/browse/MD-7397 |
| **Main Scenario 1: ‘Create Item’ button on item grid page**  https://wonder.atlassian.net/wiki/x/sgB6\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-05** Create **Preparation** Item

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| --- |
| **MS02-5 Create Preparation Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.28 | Bonnie | Preparation Recipe Type | | 1.1 | 2023.3.13 | Bonnie | Create Active Flag for Preparations | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario 1:**  https://wonder.atlassian.net/wiki/x/AYF5\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-06** Create **‘Packaged’** Item

|  |
| --- |
| **MS02-06 Create ‘Packaged’ Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.3.24 | Bonnie | Automate ALL ERP field creation and re-organize data field UI | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related Doc:  <https://wonder.atlassian.net/browse/MD-7422>  <https://foodtruckinc-my.sharepoint.com/:x:/g/personal/rich_wonder_com/EfVBCw_rUztBk3wLa3yzQOQBZVraMLs2AR-s_7mz1-PUnQ?e=Kjrq40>  https://wonder.atlassian.net/l/cp/FTtB6m0X |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/BIKC\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS02-07 Create Benchtop Recipe

|  |
| --- |
| **MS02-07 Create Benchtop Recipe** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.12.23 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/ZACM\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-09 Versioning support for create item**

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| --- |
| **MS02-09 Versioning support for create item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.29 | Lisa | First version | | 1.1 | 2023.1.29 | Bonnie | [Item Status MVP]New versions without Effective Start Date | | 1.2 | 2023.2.8 | Bonnie | Support Production\_time and Service\_time for the Item version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Main Scenario: Add version information when create item**  https://wonder.atlassian.net/wiki/x/sgB6\_w |
| Extend Scenario: Show version information in each page  https://wonder.atlassian.net/wiki/x/44Bs\_w |
| Exception Scenario: |
| Notes: |

### **Tran-MS02-10 Create new version for an item**

|  |
| --- |
| **MS02-10 Create new version for an item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.29 | Lisa | First version | | 1.1 | 2022.11.29 | Bonnie | item version case enhancement | | 1.2 | 2022.12.6 | Bonnie | Limit # of future versions to 1  Recalculate the Version of Component Item/BOM Line/Customization Option Item As Copy a New Version | | 1.3 | 2023.1.29 | Bonnie | [Item Status MVP]New versions without Effective Start Date | | 1.4 | 2023.11.30 | Bonnie | Byproduct Recipe Overhaul | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/m4OH\_w |
| Exception Scenario: |
| Notes: |

### **Tran-MS02-11 Update a version**

|  |
| --- |
| **MS02-11 Update a version** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.31 | Lisa | First version | | 1.1 | 2022.12.6 | Bonnie | Limit # of future versions to 1 | | 1.2 | 2023.1.29 | Bonnie | [Item Status MVP]New versions without Effective Start Date | | 1.3 | 2023.2.6 | Bonnie | Allow User to Post a Final Version to Scheduled | | 1.4 | 2023.210 | Bonnie | Auto Update Subitem Version in Component/BOM/Customization Card of Draft Version of Parent Item | | 1.5 | 2023.3.2 | Bonnie | Support Production\_time and Service\_time for the Item version | | 1.6 | 2023.3.13 | Bonnie | Customization not found error in the Menu item | | 1.7 | 2023.4.13 | Bonnie | Involving Production Time to recalculate sub items' versions as editing 'Service Start Time' of a parent item | | 1.8 | 2023.11.30 | Bonnie | Byproduct Recipe Overhaul | |
| **Stakeholder:** User with privilege |
| **Main Scenario: Update a version**  https://wonder.atlassian.net/wiki/x/3gCM\_w |
| Exception Scenario: Update version related information  https://wonder.atlassian.net/wiki/x/3gCM\_w |
| Notes: |

### **Tran-MS02-12 Delete a version**

|  |
| --- |
| **MS02-12 Delete a version** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.29 | Lisa | First version | | 1.1 | 2022.12.1 | Bonnie | Cannot Delete a First Version Which is Occupied in Any Parent item | | 1.2 | 2023.1.29 | Bonnie | [Item Status MVP]New versions without Effective Start Date | | 1.3 | 2023.3.13 | Bonnie | Customization not found error in the Menu item | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/-QR-8w> for RA details. |
| Exception Scenario: |
| Notes: |

### **Tran-MS02-13 Delete Item**

|  |
| --- |
| **MS02-13 Delete Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.10.20 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/SwCG8w> for RA details |
| Exception Scenario: |
| Notes: |

### **Tran-MS02-14 Versions Card**

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| --- |
| **MS02-14 Versions Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.7 | Bonnie | First version | | 1.1 | 2022.1.5 | Bonnie | Add Version History comparison | | 1.2 | 2023.1.29 | Bonnie | [Item Status MVP]New versions without Effective Start Date | | 1.3 | 2023.2.8 | Bonnie | Support Production\_time and Service\_time for the Item version | | 1.4 | 2023.5.5 | Bonnie | Version history compare cards should match change history compare | | 1.5 | 2023.5.18 | Bonnie | Cookbook Change History Improvement | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/wgGM\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-15 Change History Card**

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| --- |
| **MS02-15 Change History Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.21 | Bonnie | First version, copy from CB03-20 Change History Card | | 1.1 | 2022.10.24 | Bonnie | Don't recored 'recalculated nutrition' as 'triggered by' if the nutrition hasn't been changed | | 1.2 | 2022.10.27 | Bonnie | Show & Compare Change History | | 1.3 | 2022.12.29 | Bonnie | Record the history log when the item version is updated | | 1.4 | 2023.2.7 | Bonnie | Record Change History as User Published a Version | | 1.5 | 2023.3.10 | Bonnie | Bulk Update Recipes > Prep Recipes | | 1.6 | 2023.6.9 | Bonnie | Cookbook Change History Not Inclusive of Bulk Edits | | 1.7 | 2023.6.25 | Bonnie | Add remaining fields to Change History comparison page | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| Pre-Condition:  The user goes to the page  Related page: <https://wonder.atlassian.net/l/cp/w1X4x9L1>  Related issue: https://wonder.atlassian.net/browse/MD-7064  Figma of compare change logs: https://www.figma.com/file/XR363xDbl7kmhJA5RnKIi2/See-Change-History?node-id=8%3A5003 |
| Main Scenario: Change History Card  https://wonder.atlassian.net/wiki/x/WYCP\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-16 Compare Change History**

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| --- |
| **MS02-16 Compare Change History** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.27 | Bonnie | Show & Compare Change History | | 1.1 | 2022.12.29 | Bonnie | Record the history log when the item version is updated | | 1.2 | 2023.1.4 | Bonnie | Default change history comparison to previous change and current change | | 1.3 | 2023.1.6 | Bonnie | Add additional cards to the change history comparison view | | 1.4 | 2023.5.18 | Bonnie | Cookbook Change History Improvement | | 1.5 | 2023.6.25 | Bonnie | Add remaining fields to Change History comparison page | | 1.6 | 2023.11.16 | Bonnie | Shelf Life Values by Item State | |
| **Stakeholder:** User with privilege |
| Pre-Condition:  The user goes to the page  Figma of compare change logs: https://www.figma.com/file/XR363xDbl7kmhJA5RnKIi2/See-Change-History?node-id=8%3A5003 |
| **Main Scenario: Compare Change History**  **https://wonder.atlassian.net/wiki/x/cwCQ\_w** | |
| Extend Scenario: | |
| Exception Scenario: | |
| Notes: | |
| Q/A: | |

### **Tran-MS02-17 Publish Version**

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| --- |
| **MS02-17** **Publish Version** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.1.18 | Bonnie | First version: [Item Status MVP]New versions without Effective Start Date | | 1.1 | 2023.2.8 | Bonnie | Support Production\_time and Service\_time for the Item version | | 1.2 | 2023.3.13 | Bonnie | Customization not found error in the Menu item | | 1.3 | 2023.4.19 | Bonnie | Adjust default production go live date to -3 days from the service go live date | | 1.4 | 2023.6.8 | Bonnie | Concept management | | 1.5 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry | | 1.6 | 2023.9.29 | Bonnie | https://wonder.atlassian.net/browse/MD-10021 | | 1.7 | 2024.1.15 | Bonnie | Force set to now for service start time and production start time for the very first version | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related issue: <https://wonder.atlassian.net/browse/MD-6022>  Related Doc:  https://wonder.atlassian.net/wiki/spaces/CT/pages/2672657168/Use+Case+of+Dormant+Item |
| **Main Scenario:**  Refer to confluence:  https://wonder.atlassian.net/wiki/x/KACN7 |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-18 Item Status & Version Status**

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| --- |
| **MS02-18** Item Status & Version Status |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.1.18 | Bonnie | First version | | 1.1 | 2023.2.10 | Bonnie | Support to dormant for item | | 1.2 | 2023.6.8 | Bonnie | Enhancement of Validation as Dormant an Item | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related issue: https://wonder.atlassian.net/browse/MD-6022 |
| **Main Scenario: Item** Status  **Refer to** <https://wonder.atlassian.net/wiki/x/A4CN8w> **for details** |
| **Main Scenario: Item** Version Status  Refer to <https://wonder.atlassian.net/wiki/x/AoSY8w> for details. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-19 Calculate Item Cost**

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| --- |
| **MS02-19** Calculate Item Cost |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.3.22 | Bonnie | Accurate Recipe Costs in Cookbook | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related Doc:  <https://wonder.atlassian.net/l/cp/KZeZLo9n>  https://wonder.atlassian.net/l/cp/f3ixmhFT  Figma:  https://www.figma.com/file/275aFO8DI6cLmDN4VmCsqx/Cookbook?node-id=94-1992&t=JRvnxLiZonI5jnYl-0 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/TgKM\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-20 Copy Item**

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| --- |
| **MS02-20 Copy Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from **CB03-01 Create recipe** in ‘Cookbook’ doc | | 1.1 | 2022.9.19 | Bonnie | Update Kitchen Sublocation to be multi-select | | 1.2 | 2022.10.20 | Bonnie | Create Production Card for Recipe Details | | 1.3 | 2023.1.13 | Bonnie | Preparation Recipe Type | | 1.4 | 2023.3.24 | Bonnie | Automate ALL ERP field creation and re-organize data field UI | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Data Migration of Commissary Item: https://wonder.atlassian.net/browse/MD-7397 |
| **Main Scenario 1: Copy/Duplicate an itemhttps://wonder.atlassian.net/wiki/x/tICO\_w** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### **Tran-MS02-21 Item validation**

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| --- |
| **MS02-21 Item validation** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.5.31 | Bonnie | First version, Item validations for publishing | | 1.1 | 2023.11.21 | Bonnie | Relax Nutrition Validations | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Fiagma:  Related PRD: <https://wonder.atlassian.net/l/cp/CkiMst1s>  Related issue: https://wonder.atlassian.net/browse/MD-9299  **Background:**  The MD user are growing, and the workflow of R&D a recipe is usually crossing many teams. It takes much effort to align with teams about the changes in recipes.  Hopefully, flag missing critical data to user respectively based on ownership of data section. |
| Main Scenario:  Refer to <https://wonder.atlassian.net/wiki/x/4INk7> for details. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Basic Information Tab of Ingredient Items Detail

## Tran-MS03-01 Basic Information Card

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| --- |
| **MS03-01 Basic Information Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from ‘CB02-04 Ingredient details’ and ‘CB03-04 Recipe Detail-Basic Information (Main Scenario2: Upload media)’ | | 1.1 | 2022.11.2 | Bonnie | V2 – Migrate Recipe Labels to Attributes System | | 1.2 | 2023.2.8 | Bonnie | Support Production\_time and Service\_time for the Item version | | 1.3 | 2023.3.15 | Bonnie | Accurate Recipe Costs in Cookbook | | 1.4 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: <https://www.figma.com/file/HwPuxDychSqKM7q08lKKYx/INGREDIENT-%7C-INGREDIENT-DETAILS?node-id=0%3A1> |
| **Main Scenario 1:**  https://wonder.atlassian.net/wiki/x/awFu\_w |
| **Main Scenario 2: edit basic information**  **https://wonder.atlassian.net/wiki/x/DwB5\_w** |
| **Main Scenario 3: Files**   1. There is a “Files” section for displaying the uploaded medias.      1. When I hover over the “Files” tooltip which is on the heading of the media section, display the tooltip “Accepted file formats: MOV, WMV, JPG, JPEG, PNG, GIF, MP4, XLS, XLSX, PDF, DOCX”. 2. There is a filter with the following options:” All Media”, “Photos”, “Videos”, “Documents”. NOTE: the .mov and .wmv files must be filtered with videos.   图形用户界面, 文本, 应用程序, 聊天或短信  描述已自动生成   1. When the file type has been selected, display a checkmark in beet red nearby the option.      1. If there are many files uploaded, display them in one line with carousel. 2. Files should be ordered by upload sequence. 3. There are arrows for user to view adjacent file. 4. Clicking the arrow to slide one file automatically per one time. 5. All of medias should be resized in fixed size (same width and height). 6. Display “-” image underneath file section. The number of “-” image is the same as the number of files. 7. Highlight “-” image for the files which are surfaced currently, or else gray out. Update “-” image when clicking arrow icon. 8. If the format of a file is **XLSX,** XLS, PDF, DOCX**, set the first page of a file as the thumbnail displayed.**   图形用户界面  描述已自动生成   1. If the number of files is <=3, never display the carousel arrow. If there is no filed behind the current files, disable the carousel arrow to right. If there is no in front of the current files, disable the carousel arrow to left. 2. Default by displaying 3 files, if uploaded files is <= 3, the left and right arrow no long appear. 3. Display up to 30 characters for the description. If there are more than 30 characters in description, display ellipsis instead and align the name with the “drag” icon. When user hovers over description, display a tooltip for the whole description. The mockup is as following:      1. If there are no uploaded files, display “No Data” for it. Like this:      1. There is a button “Upload Media”. After clicking it, pop up a window for uploading media. Like this:   图形用户界面, 应用程序  描述已自动生成   1. **The maximum number of files is 6. If user has uploaded 6 files, disable “Upload Media” button and display tooltip “Maximum number of files have been uploaded.” When user hovers over the button.** 2. **The pop-up window:** 3. **Heading: Upload File** 4. **Add a field “Title” above field “Description”, “Title” is optional. Free text, up to 200 characters. The input box will turn into multi-line input box as contents are more than one line.** 5. **File Description: optional. Add a tooltip for ‘Description’ field. The copy is ‘Description will show under the file thumbnail’.**      1. **If user upload an image, add a new field “Use as Item Image” with checkbox underneath field “Description”. Default by unselected. (Means only display “Use as Item Image” for image.)** 2. **File Upload section: mandatory, upload a file at one time.** 3. **Format for files: photos” JPG, JPEG, PNG, GIF”. Videos “MP4,** MOV, WMV**”. Documents “XLS, XLSX,** PDF, DOCX**”.** 4. **When the mouse on the image, display file upload tooltip: Accepted file formats: JPG, JPEG, PNG, GIF, MP4,** MOV, WMV, **XLS, XLSX,** PDF, DOCX **and maximum size per file is 10M.** 5. **Actions: Save, Cancel** 6. **On upload file pop-up window, when a file is uploading and user tries to save it, display an error message ‘Unable to save changes. File is uploading. Please wait for seconds.’** 7. **If I try to upload an unsupported file format (means wrong format or size bigger than 10M), display inline error “Unable to upload file. Please ensure that the file is in a supported format (JPG, PNG, GIF, MP4,** MOV, WMV, **XLS, XLSX,** PDF, DOCX**) and has a maximum file size of 10 Mb.”. When user click “Save” display toast error “Unable to upload file. Please check the form for errors before trying again.”**   图形用户界面, 应用程序  描述已自动生成   1. **If user select a file whose format is supported, display the thumbnail, when user change another files, whose format is unsupported, never display the thumbnail of last file, display inline error “Unable to upload file. Please ensure that the file is in a supported format (JPG, PNG, GIF, MP4,** MOV, WMV, **XLS, XLSX,** PDF, DOCX**) and has a maximum file size of 10 Mb.”. When user tries 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.”**   图形用户界面, 应用程序  描述已自动生成   1. **When I try 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 the medias, display a success toast message “File successfully uploaded.” And reference the uploaded file in the “Media” 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”, (remove the edit icon which is near by the description), like this: 4. **When user clicks “****” to download the file.** 5. **When user clicks “****” to pop up a window, the header is “Edit File”, “Export” button is “Save”.** 6. **Add a field “Title” above field “Description”, “Title” is optional. Free text, up to 200 characters. The input box will turn into multi-line input box as contents are more than one line.** 7. **If user edit an existing image, display a new field “Use asItem Image” with checkbox underneath field “Description”. Default by unselected. User could select it manually. (Means only display “Use as Item Image” for image.)**      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. 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 in Cookbook. Success message “Successfully deleted the file.”.** 2. **When user click view image, display a lightbox for previewing the file with the file description on top. If there is no description of a file, never display the description above the lightbox.**   盒子里的猫  中度可信度描述已自动生成   1. **There are arrows on the lightbox, user could click them to view adjacent file.** 2. **When user could be able to exit the lightbox by clicking outside of the file or by the “X” image.** 3. **When user hovers over a picture, display an edit pencil icon. Clicking it to pop up a window that user could edit the description of the file.**   图形用户界面, 应用程序  描述已自动生成   1. **When click the edit icon, if there is a value, fill back to the pop-up window that user could edit it. If there is no value, display placeholder with “Add description”. Action “Cancel”: close the window. Action “Save”: save the description and display success message “** Successfully edited file.**”** 2. When create or edit media, there is any field which has been changed, update the “Last update time” and “Updated by” in recipe level. |
| **Main Scenario 3: Preparation Recipe Item**  https://wonder.atlassian.net/wiki/x/EwB6\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-02 Cooking and Preparation Card

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| **MS03-02** Cooking and Preparation **Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from CB02-04 Ingredient details | | 1.1 | 2022.10.31 | Bonnie | Preparation Recipe Type | | 1.2 | 2023.2.3 | Bonnie | Optimize Yield of Preparation as Ingredient’s Version Changed | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: <https://www.figma.com/file/HwPuxDychSqKM7q08lKKYx/INGREDIENT-%7C-INGREDIENT-DETAILS?node-id=0%3A1> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/PoB8\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-03 Unit Conversion Card

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| **MS03-03** Unit Conversion Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.19 | Bonnie | First version, copy from CB02-04 Ingredient details | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The logic of unit conversion should be implemented for all types of items. |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/jwCr8w> for details. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-04 Nutrition Card of ingredient & byproduct

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| **MS03-04** Nutrition Card of ingredient & byproduct |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from ‘CB02-08 Ingredient Details- Nutrition Reviewed and Allergens Reviewed’ | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/loCq8w> for details. |
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| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-05 Vendor Item Card

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| **MS03-05** Vendor Item Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from CB02-04 Ingredient details | | 1.1 | 2023.3.6 | Bonnie | Ingredient <> Vendor Item Mappings | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: <https://www.figma.com/file/HwPuxDychSqKM7q08lKKYx/INGREDIENT-%7C-INGREDIENT-DETAILS?node-id=0%3A1> |
| **Main Scenario:**  **Please refer to use case: MS05-10 Vendor Item Card** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-06 Attributes Card

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| **MS03-06** Attributes Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.11.2 | Bonnie | First version, V2 – Migrate Recipe Labels to Attributes System | | 1.1 | 2023.1.16 | Bonnie | Attributes Enhancement | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: <https://www.figma.com/file/HwPuxDychSqKM7q08lKKYx/INGREDIENT-%7C-INGREDIENT-DETAILS?node-id=0%3A1> |
| **Main Scenario:Attributes Card** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-07 Component Usage Card

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| **MS03-07 Component** Usage Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from CB02-07 Ingredient Details-Usage | | 1.1 | 2022.10.31 | Bonnie | Preparation Recipe Type | | 1.2 | 2023.2.2 | Bonnie | Display Status on Functions | | 1.3 | 2023.3.6 | Bonnie | Add Component – changes for prep methods | | 1.4 | 2023.3.13 | Bonnie | Create Active Flag for Preparations | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: <https://www.figma.com/file/HwPuxDychSqKM7q08lKKYx/INGREDIENT-%7C-INGREDIENT-DETAILS?node-id=0%3A1> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/L4Cf\_Q |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS03-9 Data migration inventory UOM of Ingredient

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| **MS03-9 Data migration of Ingredient** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.7.29 | Bonnie | UOM Sync and Item inventory unit/BOM line unit data migration | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**   * 1. All ingredient’s and non-food’s inventory UOM should equal to Base Unit from endor SKU, so we need to update the inventory unit → Base unit from vendor item.   Base unit: the Smallest qty and the first one in a vendor SKU item  if more than one vendor SKU items mapped with an ingredient item, the smallest UoM must be the same among the vendor SKUs. Else, the base unit=null  after migration, the ingredient inventory\_uom must be equal to base\_unit.   * 1. Please refer to the following logics for Migration logic:   2. Need another field like” ERP\_Inventory\_Unit”, because in ERP, the item’s inventory\_unit does not be changeable after synced   the ERP\_inventory\_unit, do not need to display in UI, by default the ERP\_inventory\_unit= inventory unit, and ERP\_inventory\_unit should be treated as inventory\_uom in ERP.   * 1. Backfill existing inventory unit to ‘ERP\_Inventory\_Unit’.   2. First, more than one vendor SKU items mapped with an ingredient item, check if the smallest UoM must be the same among the vendor SKUs.      1. If yes, capture the base unit for migration.      2. If not, these linked ingredient items will fail to date migration, and list them in a file so that user can fix it manually.   Including the following columns in the excel: Item Number (meaning ingrdient item number), Vendor SKU, Vendor SKU Name, OG Code, Base UOM  Group them as item number: meaning sort vendor SKU items which linked a same item together   * 1. Check if there is unit conversions between ERP\_inventory\_unit and Base unit, and if there is unit conversions between Base unit and serving size unit of the ingredient      1. if it is the global unit conversion(like 1kg=1000g, etc), we can use it and don’t need any change for that unit conversion      2. if it is a global unit conversion (except 1kg=1000g), we should add them to unit conversion section of the ingredient. (Nice to have: it cannot be edited in UI level)      3. if it is a specified unit conversion that has been added by user manually, we can use it and don’t need any change for that unit conversion, because they should has been synced to ERP with current cookbook->ERP workflow      4. if it is no unit conversions, we should list them, and those items will fail to data migration   Can take a look at those items, the missing unit conversion may be able to find from vendor items, otherwise, it needs to be added by user manually.  Including these columns for these items: Item Number (meaning ingrdient item number), ERP\_inventory\_unit, Base unit, Serving size unit   * 1. If there is unit conversion, Update the Inventory unit to Base Unit if there are not the same. The migration is item level (meaning for all versions).      1. if that ingredient item status is R&D version and production\_time > current\_time, or the ingredient only has a draft version (that means it haven’t been existing in ERP), update both ERP\_inventory\_unit and Inventory\_unit to base\_unit.      2. If the ingredient item status is active, update Inventory\_unit to base\_unit and sync the updated unit\_conversion to ERP   update all the versions of the ingredient (expired, final, scheduled and draft)   * + 1. If the ingredient item status is dormant, update Inventory\_unit to base\_unit and sync the updated unit\_conversion to ERP   can sync the ingredient to EPR (some dormant item maybe haven’t synced to ERP yet)   * + 1. We don’t backfill base unit for inactive items (soft-deleted).     2. After migration, base unit is different from standard cost unit, check if unit conversion exists, if not, list them in an excel, so that user can fix it manually.   Including these columns for these items: Item Number (meaning ingrdient item number), standard cost unit, Base unit.   * + 1. should trigger the item change log:   For ingredient: Triggered by: Updated Inventory Unit  For usage item of the changed ingredient: Triggered by: follow the existing logic.  Updated by: Cookbook   * 1. The following items should beupdated  |  |  |  |  | | --- | --- | --- | --- | |  | **Items** | **Time** | | | 1 | Ingredient’s in the truck item’s first level BOM | P1,MVP | | 2 | Those ingredient items that included in the  Packaged item that only have one ingredient | P1,MVP | | 3 | Other ingredients | P2 | |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS03-10 Item Detail Card

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| **MS03-10 Item Detail Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.5 | Bonnie | First version, New Workflow of Creating Ingredeint | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**   * 1. In ‘Basic Information’ card, show tab ‘Overview’ and ‘Files’ tabs.   2. In ‘Overview’ tab, show fields in left column: Production Time, Object Type, Object Sub-Type, Standard Cost, Standard Cost Last Updated. Show fields in right column: BOM unit, Inventory Unit, Allergens, Notes, Jira Link, Reason for Change.   3. When clicking ‘Edit’ icon to redirect to edition page. In the edition page, show fields in the left column: Item Name, Production Time, Object Type, Object Sub-Type, Standard Cost, Standard Cost Last Updated. Show fields in right column: BOM unit, Inventory Unit, Allergens, Notes, Show fields in right column: BOM unit, Inventory Unit, Allergens, Notes, Jira Link, Reason for Change.   4. Show tip on Production Time field: ‘Production time is maintained by Cookbook administrator’   5. Show tip on standard Cost field: ‘Standard cost is auto-captured from Snowflake’   6. Show tip on Allergens field: ‘Allergen data editable from nutrition card’, 'nutrition card' link to nutrition card in a new browser tab.   7. Show tip on Inventory Unit field: ‘Align with linked vendor items’ base unit’   8. Gray out Production Time, Object Type, Standard Cost, Inventory Unit, Allergens, Standard Cost Last Updated. If the item is published or the item has any usage item, gray out BOM unit.   9. Note: Optional, long-form text field. Free text, up to 9999 characters      * 1. Show botton ‘< Back to item page’ and ‘Save’. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |



## MS03-11 Item Detail Card-Files

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| **MS03-11 Item Detail Card-Files** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.5 | Bonnie | First version, New Workflow of Creating Ingredeint | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**   1. On ‘Basic Information’ card, in Files tab, if no files uploaded, show default image with icon and ‘Add file’.   图示  描述已自动生成   1. If any file uploaded, show files with icon ‘+ Add new’ button. Show main image as the first one, and sort the others as uploaded time DESC.   图形用户界面  描述已自动生成   1. When hovering over the image, show actions Edit, Download, View Larger, Delete.   屏幕上有字  描述已自动生成   1. View larger: clicking it to show larger image   瓶子放在一起  中度可信度描述已自动生成  .   1. Show the first one image with ‘Main image=TRUE’ as the first one image. 2. **The pop-up window:**    * 1. **Heading: Upload File**      2. **File Upload: If user upload an image, add a new field “Use as Item Image” with checkbox underneath field “Description”. Default by unselected. (Means only display “Use as Item Image” for image.)**      3. **File Upload section: mandatory, upload a file at one time.**      4. **Format for files: photos” JPG, JPEG, PNG, GIF”. Videos “MP4, MOV, WMV”. Documents “XLS, XLSX, PDF, DOCX and maximum size per file is 10M”.**      5. **Caption: optional. Free text, up to 50 characters. The input box will turn into multi-line input box as contents are more than one line.**   图形用户界面, 应用程序  描述已自动生成   * + 1. **When the mouse on the ‘File Upload’ field, display file upload tooltip: Accepted file formats: JPG, JPEG, PNG, GIF, MP4,** MOV, WMV, **XLS, XLSX,** PDF, DOCX **and maximum size per file is 10M.**     2. **If upload the first one image (no image with main image=true), default this imsage = True and no need to show ‘Main image’ checkbox. If upload another image, show ‘Main image’ checkbox. User can set it as main image. There is only one image with ‘main image=True’**     3. **Add “updated time” and “updated by” fields for files within the Item Information card of items that has 'files' feature.**     4. **Show the “Last Updated 5/9/2024 3:40 AM (by Robert Chen)” underneath the caption of file for all types of items.**  1. **On upload file pop-up window, when a file is uploading and user tries to save it, display an error message ‘Unable to save changes. File is uploading. Please wait for seconds.’** 2. **If I try to upload an unsupported file format (means wrong format or size bigger than 10M), display inline error “Unable to upload file. Please ensure that the file is in a supported format (JPG, PNG, GIF, MP4,** MOV, WMV, **XLS, XLSX,** PDF, DOCX**) and has a maximum file size of 10 Mb.”. When user click “Save” display toast error “Unable to upload file. Please check the form for errors before trying again.”** 图形用户界面, 应用程序     描述已自动生成 3. **If user select a file whose format is supported, display the thumbnail, when user change another files, whose format is unsupported, never display the thumbnail of last file, display inline error “Unable to upload file. Please ensure that the file is in a supported format (JPG, PNG, GIF, MP4,** MOV, WMV, **XLS, XLSX,** PDF, DOCX**) and has a maximum file size of 10 Mb.”. When user tries 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.”** 图形用户界面, 应用程序     描述已自动生成 4. **When I try 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.”** 5. **If there is no error, after saving the medias, display a success toast message “File successfully uploaded.” And reference the uploaded file in the “Media” section with the file description underneath. If there isn’t a value for its description, never display the description underneath the file.** 6. **When user clicks “****” to pop up a window, the header is “Edit File”** 7. **Action “Cancel”: close the window. Action “Save”: save the caption and display success message “** Successfully edited file.**”** 图形用户界面, 文本, 应用程序     描述已自动生成 8. **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. Like this:** 图形用户界面, 应用程序     描述已自动生成 9. **After successfully delete a file, display a success message and the file is hard deleted in Cookbook. Success message “Successfully deleted the file.”.** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS03-12 Non-food Item Detail Card

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| **MS03-12 Item Detail Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.8.17 | 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/mAB6\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS 03-13 Byproduct Item Information Card

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| **MS03-13 Byproduct Item Information Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.11.30 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  PRD: <https://wonder.atlassian.net/l/cp/dM4dm9L4>  Figma:  <https://www.figma.com/file/D9QUMUVZMB2Fm1hD5kbpy7/branch/0NyJckIGzFgZdqvN5DzNau/CBL-1%3A-Items?type=design&node-id=2532-25870&mode=design&t=YnaYbSyMuteAtD6B-0> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/DAFv\_w |
| **Extend Scenario: Email Format** |
| Exception Scenario: |
| Notes: |
| Q/A: |

MS 03-14 Benchtop Recipe

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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. Show ‘Overview’ tab and ‘Files’ tab, show ‘Overview’ tab by default.    1. W   In ‘Overview’ tab show fields in left column: Production Start Time, Object Type,  Concept, Parent Recipe, Status. S  **XXX**  W |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# Basic Information Tab of ‘Recipe’ Items Detail

## Tran-MS04-01 Basic Information Card

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| **MS04-01 Basic Information Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from ‘CB03-04 Recipe Detail-Basic Information’ | | 1.1 | 2022.10.11 | Bonnie | Routes Mapping & Kitchen Location & Kitchen Sub-location in Storage Information Card in Items V2 | | 1.2 | 2022.10.31 | Bonnie | Preparation Recipe Type  V2 – Migrate Recipe Labels to Attributes System | | 1.3 | 2023.2.8 | Bonnie | Support Production\_time and Service\_time for the Item version | | 1.4 | 2023.3.15 | Bonnie | Accurate Recipe Costs in Cookbook | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: <https://www.figma.com/file/6dSGUNdcbtGwqr9LetLjP8/Remarkable-Foods---Deliverables?node-id=5565%3A67015>  New UI for basic information:  <https://www.figma.com/file/daPtoCoXvZgBJlBoWPASNq/Basic-Information-Card-Update?node-id=0%3A1>  The figma of basic information:  <https://www.figma.com/file/FLahUGibxIkIckH3FoaE6b/RECIPE-%7C-File-upload-and-Basic-Information?node-id=0%3A1> |
| **Main Scenario: Basic Information**  https://wonder.atlassian.net/wiki/x/44Bs\_w |
| **Main Scenario2: Upload media**  https://wonder.atlassian.net/wiki/x/cABt\_w |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-02 Preparation item’s Basic Information Card

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| **MS04-02** Preparation item’s Basic Information Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.31 | Bonnie | First version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  Related page: <https://wonder.atlassian.net/wiki/spaces/CT/pages/2557707196/Fabrication+Type+Recipe+Item+Analysis>  The new UI design referent to figma: <https://www.figma.com/file/C8HzFDUluSoXVHMcMI2EAv/Preparation-Recipes?node-id=0%3A1> |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/PYFs\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-04 Calculate Components’ Weight

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| **MS04-04 Calculate Components’ Weight** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from ‘CB03-05 Recipe Detail-Component’ | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario: Calculation logic of Total Weight and Weight% in Input**  https://wonder.atlassian.net/wiki/x/twBu\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

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## [Deprecated]MS04-06 Component Usage Card

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| **MS04-06** Component **Usage Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from ‘CB03-10 Recipe Detail-Usage’ | | 1.1 | 2022.10.31 | Bonnie | Preparation Recipe Type | | 1.2 | 2023.2.2 | Bonnie | Display Status on Functions | | 1.3 | 2023.3.6 | Bonnie | Add Component - changes for prep methods | | 1.4 | 2023.3.13 | Bonnie | Create Active Flag for Preparations | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  Figma of bulk edit recipe usage  [s:](s:https://)  [https://](s:https://)www.figma.com/file/iuAxgziYuaIYjHu0DRqTtV/Bulk-Edit-Usages?node-id=0%3A1  The user goes to the page |
| **Main Scenario 1: Details Card**  https://wonder.atlassian.net/wiki/x/L4Cf\_Q |
| **Main Scenario 2: Bulk Edit Usages**   1. There is a new column with checkboxes that user could multi select recipes to bulk swap component.      1. If a usage verison is draft, item status is dormant, we should still allow user to edit/remove the main item from the draft version of dormant item. 2. The permission is the same as the permission of edit components. 3. If user doesn’t have the permission of editing components in recipe function, the checkboxes no longer appear. 4. User could select all usages by clicking the checkbox on the top of usage table. 5. After selecting any recipe in usages card, pop up an action bar with actions “Edit” and “Remove”. 6. Display the number of selected recipes “{#} Item(s) selected” and ‘X’ icon.      1. When user unselects all the checkboxes or clicks the ‘X’ icon, the bulk actin bar disappears. 2. When user tries to remove the main item from a parent item, we should check if any parent item ONLY has the main item.   If no, success to update component and BOM. Display message “Successfully updated [#] item(s).”  If yes, we should not remove it from the parent item (should remove it from others), and we should display a message after the remove action. Message: Successfully updated [#] item(s). Unable to set component item as null in the following item(s): Item {item number1} (V#), {item number2} (V#).'   1. When user click “Remove” on the action bar, check if any selected recipe has mapped with any item or has created any Kitting instruction. 2. If yes, display a warning modal:   Header: Are you sure?  Body: This will remove {Recipe Name} (in bold) from [#] (in bold) items. This change may invalidate any existing Kitting, Line Builds, BOM or Customization for each item. All impacted areas will require a manual update.  Are you sure you want to do remove these usages?  Buttons: ‘Cancel’: close the warning pop-up window; ‘Remove’: remove the component for these selected recipes and display a success message “Successfully removed {Recipe Name} from [#] item(s).”     1. If no, display a warning modal:   Header: Are you sure?  Body: This will remove {Recipe Name} (in bold) from [#] (in bold) items.  Are you sure you want to do remove these usages?  Buttons: ‘Cancel’: close the warning pop-up window; ‘Remove’: remove the component for these selected recipes and display a success message “Successfully removed {Recipe Name} from [#]item(s).”   1. When user clicks ‘Edit’, check if any selected recipe has mapped with any item or has created any Kitting instruction, if yes, display a warning modal. Else, never display the warning modal, pop up a window for swapping component.   Header: Are you sure?  Body: This change may invalidate any existing Kitting, Line Builds, BOM or Customization for each Item. All impacted areas will require a manual update.  Are you sure you want to do edit these usages?  Buttons: ‘Cancel’ to close the warning pop-up window; ‘Continue’ to pop up a window for swapping component.   1. Pop-up window for swapping component. 2. Header: Bulk Edit Usages 3. Pop-up window includes the following fields: 4. All fields are optional. 5. Component Name: Placeholder text in muted: Search for a component. When any selected usage item (parent item) is commissary item, if the component item is missing ERP info, we should display 'Missing ERP Info' nearby the search result in muted. 6. Usage: QTY: Placeholder text in muted: Enter QTY. Should be positive and up to 4 decimal places. 7. Unit: Placeholder text in muted: Select unit. 8. Nutrients Contribution: Placeholder text in muted "Enter percentage" with ‘%’ icon. It should be 1 decimal place. Inline error for bad value: Nutrients contribution must be a number >= 0.0 and =<100.0 9. Add Preparations: Multi select. We should exclude ‘Active’=false preparation while user search a preparation. The possible options are preparation data in cookbook. User could fuzzily search a preparation and there should be auto-suggestion options for user. We will add selected preparations for the component of these usages (NOT OVERRIDE by new value of preparation), and we should remove the duplication preparation for the component.   For example: component has been set preparation A, user adds “preparation A”, “preparation B”, “Preparation C” for the component. After saving the change, the preparation of usage 1’s component will be updated as preparation A, preparation B, Preparation C.  If the parent recipe in the component usage card is preparation recipe, we should gray out the check box (means user cannot bulk edit preparation recipe’s component.)  If the main recipe is preparation recipe AND component name is null, we should gray out ‘Add Preparation’ field (user cannot add preparation to preparation recipe).  If selected new component name is preparation recipe (whatever the object type of parent recipe in the component usage card is), we should gray out ‘Add Preparation’ field (user cannot add preparation to preparation recipe).   1. Buttons: Clicking ‘Cancel’ to close the edition pop-up window. Clicking ‘Save’ to save the changesand update the entered values on selected usages (contribution field in nutrition card should be updated as well if it is changed). 2. If all fields are missing values, disable the button ‘Save’. 3. Clicking ‘X’ icon to close the pop-up window.      1. If user selects any usage item which is published (Final/Scheduled), then auto recommend the version of the new component item (User cannot reselect the version for the new component item). 2. If all selected usage items are draft, then user can switch the main item with a new item (Final/Scheduled/Draft). Default to recommend final version in priority. User can reselect the version for the new component item. When clicking the version field, display a dropdown list to reselect version. Display like this:   V1 Final (01/30/2022 00:00~12/31/2100 00:00)  V2 Draft   1. After user selects a new component item, then we display the ‘Version’ field of the selected new component item, if user doesn’t select a new item, we should not display ‘Version’ field. 2. Version: display like this: V1 Final (01/30/2022 00:00~12/31/2100 00:00)      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. Select a component for swapping the original component. 3. User should be able to search through all existing recipe and ingredients. But exclude recipe type is null, original or truck and exclude the original component. 4. If the parent item is truck item/commissary item, ONLY ingredient or commissary item can be selected. If the parent item is original item/original subrecipe item, ONLY ingredient or original subrecipe item can be selected (means we should filter out the other types of items from the search bar). 5. When user enter the key words for search component, display a dropdown list with search autosuggestions which is with usage data and component type ‘Ingredient’ or ‘Recipe’. List ingredients above the recipes. The ordered logic of search result should be the same as ‘Create/edit component’. 7. Among ingredients/recipes, list those ingredients/recipes whose name starts by searching characters first, then those ingredients/recipes whose name do not start from the searching characters. 8. The heading is “Ingredients” and “Recipes” in bold. Display six ingredients or recipes which are mapped with the key words in the dropdown list for each type of component underneath the heading. User could scroll the bar to select other options. 9. Display component type with chip in blue beside the component’s name.      1. If user doesn’t select a new component and fill any other field (such as usage, preparation, contribution and so on), we should keep the original component usage and fill back the new value of field for the component on the selected recipes. 2. We will fill back the new value of field. If any field is blank in edit pop-up window, we will never change the original value of field. 3. If user has selected a new component and hasn’t filled any field (such as usage, preparation, contribution and so on), we should keep the existing values for the new component on the selected recipe. 4. If a component is included multi times in a usage, we only edit the one selected. Like this:      1. When user clicks “Save”, check 2. If contribution is in bad value, display an error “Unable to save changes. Nutrients contribution must be a number >= 0.0 and =<100.0” 3. If there is any circular dependency error between new component and selected usages or not, if yes, display an error “Unable to bulk edit item component. Found circular dependency error in item(s): {Usage Name 1}, {Usage Name 2}, {Usage Name 3}.” And we will not save the change until user revise the error. If any error exists in any selected usage item, we won’t update all selected usage items. 4. After the above validation, then check if the new component item version status is conflict with the version in Component of selected usage item. We should display an error message: ‘Unable to bulk edit items’ component. The selected version (V# {Version Status}) of new component item is conflict with the existing version in the selected usage items. If any error exists in any selected usage item, we won’t update all selected usage items. The details are as following:   Existing V# {Version Status} in component of usage item {Item number1}  Existing V# {Version Status} in component of usage item {Item number2}   1. After the above validation, then check if the new component’s version doesn’t take effect in the any selected version of main item’s ‘effective start time’.   If yes, whatever the 'Object Type' of sub item is, we should check if the new sub item’s service time is active in the service time period of the selected parent item. If no, we should display an error message (rather than auto expand the service time of sub item): ‘Unable to bulk edit parent items’ component. The the selected new sub item isn’t available in the service time period of the parent item. Please set the service start time of sub item {item number} (V#) <= {the earliest service start time of selected parent item} or correct the following parent item’s service time >= {service start time of sub item}.  {Parent Item number1} (V#) current service start time {service start time}  {Parent Item number1} (V#) current service start time {service start time}   1. Whatever the 'Object Type' of sub item is, after verify the active service time, then we should check if the new sub item’s production time is earlier than the production time of selected parent item. If no, we should display an error message: ‘Unable to bulk edit parent items’ component. The following parent item(s)'s production time is later than the main item. Please set them <= {production time of the new sub item} or correct the parent item’s production time >= {production time of new sub item}. {Parent Item number1} (V#) current production time {production time} {Parent Item number2} (V#) current production time {production time}    1. If any selected recipe has mapped with any item or has created any Kitting instruction, if yes, display a warning modal. Else, never display the warning modal.   Header: Are you sure?  Body: This change may invalidate any existing Kitting, Line Builds, BOM or Customization for each item. All impacted areas will require a manual update.  Are you sure you want to do edit these usages?  Buttons: ‘Cancel’ to close the warning pop-up window; ‘continue’ to save the changes for these selected recipes.   1. After saving the changes, display success message “Successfully updated [#] item(s).” 2. If any selected usage item (parent item) is commissary item, when user successfully bulk edited parent items' component, or removed the main item from parent items, we should auto updated the parent items' component and BOM line as well. 3. When failed to update/create any BOM line, we should display message: “Successfully updated [#] item(s). And failed to update the following item(s)' BOM. Please refer to the error messages in their component cards. Item {item number1} (V#), {item number2} (V#).'   If no error exists in updating BOM, display message “Successfully updated [#] item(s).”   1. ~~After saving the changes, if any parent recipe’s ingredient component is replaced by a preparation recipe, display a success message as following:~~   ~~“Successfully updated [#] item(s). And the ingredient {Ingredient Item Name} is replaced with preparation recipe in the following parent recipe(s).~~  ~~{parent recipe name1}~~  ~~{parent recipe name2}’~~   1. After successfully completing the bulk edit and the original component was swapped, these selected recipes no longer appear in the original component’s usages card and these selected recipes should appear in the new component’s usages card. 2. After successfully completing the bulk edit and the original component doesn’t been swapped, updated the values of the original component on these selected recipes. 3. After successfully completing the bulk edit (swap component or edit the component’s parameter), recalculate data of recipes whose component includes the edited component and recalculate data of parent recipe whose component includes the edited recipe. 4. The data which should be recalculated include the cost and untrimmed/usage in All Ingredients card, recipe’s cost, recipe’s total weight, recipe’s component weight percentages, item cost of component in a recipe, recipe’s nutrition, recipe’s allergens, recipe’s dietary flags. 5. After successfully completing the bulk edit/remove, updated “Last Updated Time”, “Updated By”. 6. After successfully completing the bulk edit (swap component, QTY or unit)/remove, if there is any recipe with kitting instruction (whatever the status is), change the kitting status into “Pending Update”. 7. After successfully completing the bulk edit/remove and recalculated nutrition data of recipes, if the nutrition reviewed status is “Yes”, change the nutrition reviewed status into “No” and updated “Time Reviewed”, “Reviewed By” as “System”. 8. If there is any error (e.g., service error, timeout error), display an error message “Unable to save changes.   Please try again later or contact a site administrator if this persists.” |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-07 Nutrition Card & Edit Nutrition

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| **MS04-07** Nutrition Card & **Edit Nutrition** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.1 | Bonnie | First version, copy from CB03-06 Recipe Detail-Nutrition | | 1.1 | 2023.11.15 | Bonnie | Nutrition UI is not displaying customization item in the hover label | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma:  <https://www.figma.com/file/yk9lE9HxqFohrPVDpg2JmO/Recipe-Details?node-id=0%3A1>  <https://www.figma.com/file/6dSGUNdcbtGwqr9LetLjP8/Remarkable-Foods---Deliverables?node-id=5565%3A67015> |
| **Main Scenario: Details in Nutrition Card**  <https://wonder.atlassian.net/wiki/x/44FH_Q> |
| **Main Scenario: Edit Nutrition**  <https://wonder.atlassian.net/wiki/x/TYBI_Q> |
| **Main Scenario 3: Nutrition reviewed status**  <https://wonder.atlassian.net/wiki/x/g4BI_Q> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-08 Calculate Nutrition

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| **MS04-08** Calculate Nutrition |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.1 | Bonnie | First version, copy from CB03-06 Recipe Detail-Nutrition | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma:  <https://www.figma.com/file/yk9lE9HxqFohrPVDpg2JmO/Recipe-Details?node-id=0%3A1>  <https://www.figma.com/file/6dSGUNdcbtGwqr9LetLjP8/Remarkable-Foods---Deliverables?node-id=5565%3A67015> |
| **Main Scenario: Calculate Nutrition**  https://wonder.atlassian.net/wiki/x/WIFp\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-10 Copy Item

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| **MS04-10 Copy Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.14 | Bonnie | First version, copy from ‘CB03-01 Create recipe’ | | 1.1 | 2022.11.29 | Bonnie | item version case enhancement | | 1.2 | 2022.12.12 | Bonnie | Copy the Attribute Data of an Item As Copying a New Item | | 1.3 | 2023.1.6 | Bonnie | Preparation Recipe Type | | 1.4 | 2023.2.14 | Bonnie | Copy recipe ->Copy Item enhancement | | 1.5 | 2023.11.14 | Bonnie | Copy feature for new appliance/decant loss card | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/poBv\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-Assembly Instructions Card

### Tran-MS04-11 Assembly Instructions Card (Versioning)

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| **MS04-11 Assembly Instructions Card** (Versioning) |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.14 | Bonnie | First version, copy from ‘CB03-07 Recipe Detail-Kitting Instructions’ | | 1.1 | 2022.12.14 | Bonnie | Refine Assembly Instructions | | 1.2 | 2023.4.19 | Bonnie | Refine Assembly Docs & Add Common Stock Document | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/I4Bu\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-19 All Ingredient Card

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| **MS04-19 All Ingredient Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from CB03-11 Recipe Detail-All Ingredient | | 1.1 | 2022.12.8 | Bonnie | All ingredients card change for Item version | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/gQFh\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-20 Scale Recipe Item

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| **MS04-20 Scale Recipe Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.16 | Bonnie | First version, copy from CB03-17 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/8OW5DyNuM5IyjJp7apGsso/Scaling?node-id=0%3A1  Figma of recipe PDF: https://www.figma.com/file/6dSGUNdcbtGwqr9LetLjP8/Remarkable-Foods---Deliverables?node-id=7556%3A120441 |
| **Main Scenario:**   1. Refer to confluence:   https://wonder.atlassian.net/wiki/x/BAHT7Q |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-21 Food Science Card

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| **MS04-21 Food Science Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.21 | Bonnie | First version, copy from CB03-13 Recipe Detail- Food Science | | 1.1 | 2022.11.15 | Bonnie | Shelf Life Values by Item State | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:** |
| **Main Scenario:**  Refer to <https://wonder.atlassian.net/wiki/x/oAcb_/> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS04-23 Production Card

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| **MS04-23 Production Card** |
| Version history   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.10.20 | Bonnie | Create Production Card for Recipe Details | | 1.1 | 2023.3.7 | Bonnie | Add Order Grid Codes to Locations | | 1.2 | 2023.3.24 | Bonnie | Automate ALL ERP field creation and re-organize data field UI | | 1.3 | 2023.9.30 | Bonnie | Add Sync to OG Configuration | | 1.4 | 2023.11.3 | Bonnie | Display Changes for Pack Size Support | |
| Stakeholder: User with privilege |
| Pre-Condition:  The user goes to the page  Validation in MD: <https://wonder.atlassian.net/l/cp/YgyjkRtk>  Logic of sync to ERP: <https://wonder.atlassian.net/l/cp/ZB9mNuAc>  https://wonder.atlassian.net/browse/MD-7422 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/RwGg\_Q |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-Export Food Science Card

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| **MS04-13** Export Food Science Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  Refer to: <https://wonder.atlassian.net/l/cp/e7H44uvW> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

# ERP Item Information Card

## Tran-MS05-01 ERP Item Information Card

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| **MS05-01** ERP Item Information Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from ‘RS06-01 Create item’ | | 1.1 | 2023.2.8 | Bonnie | Support Production\_time and Service\_time for the Item version | | 1.2 | 2023.3.22 | Bonnie | Accurate Recipe Costs in Cookbook | | 1.3 | 2024.1.12 | Bonnie | Add field for menu items identifying whether or not the item is actively being sold | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/VABv\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## MS05-02 Transfer Pricing

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| **MS05-02 Transfer Pricing** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.4.19 | Bonnie | MD-12715 | |
| **Stakeholder:** |
| **Pre-Condition :**  **PRD:**  Figma: |
| **Main Scenario:**   * 1. In non-food item/ingredient/88\* item, show transfer pricing tab.   2. There are 2 sets of Transfer Pricing fields for “Current State” and “At Scale”.   3. The transfer pricing is based on the menu item’s BOM. That’s saying, if the BOM of menu item hasn’t been created, the transfer pricing is null (show '--').   4. In the ‘Transfer Pricing' tab of menu item, show fields: Ingredients, Internal Packaging, Guest Packaging, Other, Direct Labor, Outbound & Freight, Fee Cost, Total Transfer Price Cost. (Don’t show 'Fee Rate' since it could be different among the 88\* items which are included in the menu item).   5. Ingredients cost = sum up {1st layer BOM line items’ Ingredients cost}, the same logic for Internal Packaging, Guest Packaging, Other, Direct Labor, Outbound & Freight, Fee Cost, Total Transfer Price Cost.   6. Since we only show transfer pricing in 5\*, 9\*, 88\* items, if any 5\*, 9\*, 88\* item is missing transfer pricing, we should still sum up the cost for menu item. But show a warning tip: ‘Partial Cost', when hovering over it, show a tip: 'Missing cost in 5\*01 (V1), 9\*01(V1), 88\*01(V1)’.   That’s saying, in Ingredients field, could be: 'Missing cost in 5\*01 (V1), 9\*01(V1), 88\*01(V1)’.  In internal packaging field, could be: 'Missing cost in 9\*01(V1), 88\*01(V1)’.   * 1. In the other items (except menu item), show fields: Exclusivity, Ingredients, Internal Packaging, Guest Packaging, Other, Direct Labor, Outbound & Freight, Fee Cost, Total Transfer Price Cost.   Ingredient Cost ($) (>=0, value up to 5 decimal places)  Internal Packaging Cost ($) (>=0, value up to 5 decimal places)  Guest Packaging Cost ($) (>=0, value up to 5 decimal places)  Other ($) (>=0, value up to 5 decimal places)  Direct Labor Cost ($) (>=0, value up to 5 decimal places)  Outbound & Freight Cost ($) (>=0, value up to 5 decimal places)  Fee Rate (%) (>=0, =<100%, value up to 5 decimal places, default to 5%)  Auto Calculate and display: Fee Cost ($) (Fee Rate \* sum (Ingredients, Internal Packaging, Guest Packaging, Other, direct labor, outbound & freight)  Total Transfer Price Cost ($): filled by user manually   * 1. For ingredient/non-food, only show the fields on the edition page, for 88\* item, since the creation/edition pop-up is the same component, we will show the transfer pricing fields on the creation/edition pop-up.   2. All these new fields are optional in UI.   3. When user enters/updates the following fields (Food Cost ($), Packaging Cost ($),Direct Labor Cost ($), Outbound & Freight Cost ($),Fee Rate (%)), auto update the Fee Cost ($)If failed to calculate the Fee Cost ($), show '--'.   4. Exclusivity field: It is optional in UI. No default value. Possible value: Exclusive, Non-Exclusive. Don’t show Exclusivity field in menu item.   5. On the transfer pricing of 9\* non-food items, if the transfer pricing tab is not null:   If the sub object type =Internal Packaging, then capture the standard cost (0.03/ea) to the 'Internal Packaging' field of transfer pricing card. User cannot edit the 'Internal Packaging' field in transfer pricing card.  If the sub object type = Guest Packaging, then capture the standard cost to the 'Guest Packaging' field of transfer pricing card. User cannot edit the 'Guest Packaging' field in transfer pricing card.  In addition to the above cases, then user can edit the 'Internal Packaging'/'Guest Packaging' field in transfer pricing card of 9\* item with UI & bulk edit template.  Gray out the field in UI.  Ignore the 'Internal Packaging'/'Guest Packaging' value as bulk editing.   * 1. On the transfer pricing of 88\* packaged items, if the transfer pricing tab is not null:   Capture the ‘Food cost’ ($ 0.04) to the 'Ingredient' field of transfer pricing card.  Capture the ‘Non Food cost’ ($ 0.03) to the 'Internal Packaging' field of transfer pricing card.  User cannot edit the ‘Ingredient' and 'Internal Packaging’ fields in transfer pricing card with UI & bulk edit template.  Gray out the field in UI.  Ignore the 'Ingredient' field & 'Internal Packaging'/'Guest Packaging' value as bulk editing.   * 1. Switch sub type case 1: When turning a non-food from ‘internal packaging’ → ‘smallware', we won’t clear the previous value in 'internal packaging cost' field.   2. Switch sub type case 2: When turning a non-food from ‘smallware' → ‘internal packaging’, we won’t clear the previous value in 'other' field.   3. Log values and timestamps for transfer pricing fields updates, so that user can do analysis (diagnostic and predictive) to improve our usage of transfer pricing data. |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## TranMS05-03 Files of Item

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| **MS05-03 Files of Item** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2023.4.19 | Bonnie | Support Media Uploads on All Items | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  https://wonder.atlassian.net/browse/MD-7689 |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/cABt\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## 5.2 Tran-Assembly Instructions

### Tran-MS05-04 Assembly Instructions Card

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| **MS05-04 Assembly Instructions Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from RS06-05 Item Detail- Assembly Instructions (Single/Multi) | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario 1: Assembly Instructions Card**  https://wonder.atlassian.net/wiki/x/OoBp\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS05-05 Create/Edit Assembly Instructions (Single/Multi**/Truck Stock/Bulk Kitted**)

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| **MS05-05 Create/Edit Assembly Instructions (Single/Multi/Truck Stock/Bulk Kitted)** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | c | 2022.9.9 | Bonnie | First version, copy from RS06-05 Item Detail- Assembly Instructions (Single/Multi) | | 1.1 | 2022.12.14 | Bonnie | Refine Assembly Instructions | | 1.2 | 2023.4.19 | Bonnie | Refine Assembly Docs & Add Common Stock Document | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario: Create/Edit Assembly Instructions**  https://wonder.atlassian.net/wiki/x/GQDQ\_/ |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS05-06 Assembly Instructions Details(Single/Multi)

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| **MS05-06 Assembly Instructions Details (Single/Multi)** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.9 | Bonnie | First version, copy from RS06-05 Item Detail- Assembly Instructions (Single/Multi) | | 1.1 | 2022.11.9 | Bonnie | Differentiate between PROD & UAT Exported Recipe, Kits and Assembly Documents | | 1.3 | 2023.1.30 | Bonnie | Assembly instructions history optimization | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:** |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS05-07 Create/Edit Assembly Instructions (Kit)

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| **MS05-07 Create/Edit Assembly Instructions (Kit)** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.13 | Bonnie | First version, copy from ‘RS06-06 Item Detail- Assembly Instructions (Partial)’ | | 1.1 | 2023.4.19 | Bonnie | Refine Assembly Docs & Add Common Stock Document | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/2QBj\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

### Tran-MS05-08 Assembly Instructions Details (Kit)

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| **MS05-08 Assembly Instructions Details (Kit)** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.13 | Bonnie | First version, copy from ‘RS06-06 Item Detail- Assembly Instructions (Partial)’ | | 1.1 | 2023.1.30 | Bonnie | Assembly instructions history optimization | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/hoBp\_w |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-09 BOM Usage

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| **MS05-09 BOM Usage Card** |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.9.13 | Bonnie | First version, copy from RS06-03 Item Details | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page |
| **Main Scenario:**  https://wonder.atlassian.net/wiki/x/W4Cf\_Q |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

## Tran-MS05-10 Vendor Items Card

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| **MS05-10** Vendor Item Card |
| **Version history**   |  |  |  |  | | --- | --- | --- | --- | | Version | Date | Updated By | Description | | 1.0 | 2022.8.23 | Bonnie | First version, copy from CB02-04 Ingredient details | | 1.1 | 2023.3.6 | Bonnie | Ingredient <> Vendor Item Mappings | | 1.2 | 2023.6.14 | Bonnie | Allow SKU Mapping Editing from Item Page | | 1.3 | 2023.7.28 | Bonnie | Validations for tracking Nonfood and ingredient inventory in Pantry | | 1.4 | 2023.8.5 | Bonnie | New Workflow of Creating Ingredeint | |
| **Stakeholder:** User with privilege |
| **Pre-Condition:**  The user goes to the page  The new UI design referent to figma: |
| **Main Scenario:**  <https://wonder.atlassian.net/wiki/x/zgHz_/> |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

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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:**  XXX  W |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |

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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:**   * W |
| Extend Scenario: |
| Exception Scenario: |
| Notes: |
| Q/A: |