Use Cases - PantryRaid

Group E

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| --- | --- |
| Description | User views pantry from the MyPantry page |
| Used By | Users |
| Preconditions | * Have the application downloaded on a phone and open the app * Have existing items in the pantry |
| Success End Condition | User is able to view items in pantry |
| Failed End Condition | Uer cannot view their pantry |
| Actors | Users who want to view their pantry |
| Trigger | User has items they want to check in their pantry |
| DESCRIPTION | Step Action   1. User opens application 2. User views the homepage 3. User selects dropdown menu at the top left corner of the screen 4. User selects the ‘MyPantry’ menu item 5. User views MyPantry |
| Extensions | * User can add or remove an ingredient to pantry |
| Exceptions | User is already on the MyPantry page when they open their application |
| Open Issues |  |

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| --- | --- |
| Description | User views their shopping cart |
| Used By | Users |
| Preconditions | Have the App downloaded on a phone and open the app |
| Success End Condition | User views the shopping cart page |
| Failed End Condition | User cannot view the shopping cart page |
| Actors | Users who want to view their shopping cart |
| Trigger | User adds items to shopping cart |
| DESCRIPTION | Step Action   1. From any page of the application, the user selects the Shopping Cart icon at the top right of the page |
| Extensions | User can update quantity of an item in the shopping cart |
| Exceptions | Shopping Cart page will not show items if the user did not add items to the shopping cart |
| Open Issues |  |

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| --- | --- |
| Description | User changes their meal calendar notification settings |
| Used By | Users |
| Preconditions | Have the App downloaded on a phone and open the app |
| Success End Condition | User changes setting from a previous setting |
| Failed End Condition | * The app fails to save the user’s changes * User’s settings are saved but no changes in functionality are made |
| Actors | Users who wants to make changes to their meal calendar notification settings |
| Trigger |  |
| DESCRIPTION | Step Action   1. User opens the application 2. User views the homepage 3. User selects dropdown menu at the top left corner of the screen 4. User selects the ‘Settings’ option 5. User views settings 6. User toggles the Meal Calendar notification on or off |
| Extensions | User chooses an optional setting of ‘Daily’, ‘Weekly’ or ‘Monthly’ |
| Exceptions |  |
| Open Issues |  |

|  |  |
| --- | --- |
| Description | User changes their expiration date notification settings |
| Used By | Users |
| Preconditions | Have the App downloaded on a phone and open the app |
| Success End Condition | User changes setting from a previous setting |
| Failed End Condition | * The app fails to save the user’s changes * User’s settings are saved but no changes in functionality are made |
| Actors | Users who wants to make changes to their expiration date notification settings |
| Trigger |  |
| DESCRIPTION | Step Action   1. User opens the application 2. User views the homepage 3. User selects dropdown menu at the top left corner of the screen 4. User selects the ‘Settings’ option 5. User views settings 6. User toggles the Expiration Date notification on or off |
| Extensions | User chooses an optional setting of ‘Daily’, ‘Weekly’ or ‘Monthly’ |
| Exceptions |  |
| Open Issues |  |

|  |  |
| --- | --- |
| Description | Show ingredients in pantry |
| Used By | Users |
| Preconditions | * Have the application downloaded on a phone and open the app * Have existing items in the pantry |
| Success End Condition | User is able to view items in pantry |
| Failed End Condition | Uer cannot view their pantry |
| Actors | Users who want to view their pantry |
| Trigger | User downloads and opens the app |
| DESCRIPTION | Step Action   1. User opens application |
| Extensions | * User can add or remove an ingredient to pantry |
| Exceptions |  |
| Open Issues |  |

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| --- | --- |
| Description | View guide to recipe |
| Used By | Users |
| Preconditions | * Have a recipe that the user want to view |
| Success End Condition | User is able to view recipe with all information about recipe |
| Failed End Condition | User cannot view recipe |
| Actors | Users who want to view a recipe |
| Trigger | User searches for a list of recipes and selects a certain recipe |
| DESCRIPTION | Step Action   1. User selects a list of ingredients that they have in pantry 2. User searches for recipes that use ingredients in the list 3. User selects a recipe 4. Display all information about recipe |
| Extensions | * User can add the recipe to their meal calendar * User can add ingredients that they are missing to their shopping cart |
| Exceptions |  |
| Open Issues |  |

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| --- | --- |
| Description | Add recipe to meal calendar |
| Used By | Users |
| Preconditions | * Have a recipe selected |
| Success End Condition | User is able to add a recipe to their meal calendar |
| Failed End Condition | The recipe does not get added to the meal calendar |
| Actors | Users who want to add a recipe to their calendar |
| Trigger | User selects add to calendar button on recipe |
| DESCRIPTION | Step Action   1. User selects a recipe 2. User selects button to add meal to calendar |
| Extensions | * User can select a time that they want to make the meal at * User can select the day that they want to add recipe to |
| Exceptions |  |
| Open Issues |  |

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| --- | --- |
| Description | Meal Calendar - Edit Date |
| Used By | Users |
| Preconditions | Player tapped on “Meal Calendar” icon on bottom |
| Success End Condition | User has edited date |
| Failed End Condition | The app fails to edit date or user enters invalid date entered |
| Actors | Users |
| Trigger | User taps on the edit date icon |
| DESCRIPTION | 1. User taps on edit date icon 2. User chooses desired date 3. User hits confirmation button 4. Date is updated for meal |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | Meal Calendar - Click on Date (View Date) |
| Used By | Users |
| Preconditions | Player tapped on “Meal Calendar” icon on bottom |
| Success End Condition | User has been able to view the date for the meal |
| Failed End Condition | 1. Nothing happens |
| Actors | Users |
| Trigger | User |
| DESCRIPTION | 1. The user taps on meal 2. User will be able to tap on click on date |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

|  |  |
| --- | --- |
| Description | User wants to increment ingredients in shopping cart |
| Used By | Users |
| Preconditions | User opened shopping cart and presses plus button |
| Success End Condition | The number displayed is incremented |
| Failed End Condition | 1. Nothing happens 2. The number is incremented more than once |
| Actors | User |
| Trigger | Plus button is pressed |
| DESCRIPTION | Step Action   1. User pressed the plus button 2. Ingredient is incremented |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

|  |  |
| --- | --- |
| Description | User wants to remove ingredients from shopping cart |
| Used By | Users |
| Preconditions | User opened shopping cart and presses minus button |
| Success End Condition | The number displayed is decremented |
| Failed End Condition | 1. Nothing happens 2. The number is decremented more than once 3. The number is incremented |
| Actors | User |
| Trigger | Minus button is pressed |
| DESCRIPTION | Step Action   1. User pressed the Minus button 2. The ingredient is deleted or decremented |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | User wants to search for recipes |
| Used By | Users |
| Preconditions | User opened cookbook page |
| Success End Condition | The right recipes are shown for what was searched |
| Failed End Condition | 1. No recipes are shown 2. The wrong recipes are shown |
| Actors | User |
| Trigger | User types a dish on the search bar |
| DESCRIPTION | Step Action   1. User types a dish on search bar 2. User is given a list or dishes to choose from 3. User selects a dish to add to their meal plans |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | Opening “Settings” page |
| Used By | Users |
| Preconditions | The app is open and on the screen |
| Success End Condition | The settings page is open and in focus |
| Failed End Condition | The page is not opened or properly displayed |
| Actors | Users who want to edit or view settings |
| Trigger | User clicks on the “Settings” option from the main menu |
| DESCRIPTION | Step Action   1. User clicks on the main menu to view drop down items 2. User clicks on the “Settings” option 3. “Settings” is displayed |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

|  |  |
| --- | --- |
| Description | Opening “Meal Calendar” page |
| Used By | Users |
| Preconditions | The app is open and on the screen |
| Success End Condition | The “Meal Calendar” page is open and in focus |
| Failed End Condition | The page is not opened or properly displayed |
| Actors | Users who would like to edit or view their meal calendar |
| Trigger | User clicks on the “Meal Calendar” option from the main menu |
| DESCRIPTION | Step Action   1. User clicks on the main menu to view drop down items 2. User clicks on the “Meal Calendar” option 3. “Meal Calendar” is displayed |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | Opening “Reverse Cookbook” page |
| Used By | Users |
| Preconditions | The app is open and on the screen |
| Success End Condition | The “Reverse Cookbook” page is open and in focus |
| Failed End Condition | The page is not opened or properly displayed |
| Actors | Users who would like to search for a recipe |
| Trigger | User clicks on the “Reverse Cookbook” option from the main menu |
| DESCRIPTION | Step Action   1. User clicks on the main menu to view drop down items 2. User clicks on the “Reverse Cookbook” option 3. “Reverse Cookbook” is displayed |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

|  |  |
| --- | --- |
| Description | Opening “My Pantry” page |
| Used By | Users |
| Preconditions | The app is open and on the screen |
| Success End Condition | The “My Pantry” page is open and in focus |
| Failed End Condition | The page is not opened or properly displayed |
| Actors | Users who want to view or edit their pantry ingredients |
| Trigger | User clicks on the “My Pantry” option from the main menu |
| DESCRIPTION | Step Action   1. User clicks on the main menu to view drop down items 2. User clicks on the “My Pantry” option 3. “My Pantry” is displayed |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | Go to my pantry and remove ingredient |
| Used By | Users |
| Preconditions | The app is open and on screen |
| Success End Condition | The user was able to remove the ingredient |
| Failed End Condition | The page did not remove the ingredient |
| Actors | Users who would like to remove ingredient |
| Trigger | User clicks on remove ingredient |
| DESCRIPTION | Step Action   1. User chooses ingredient 2. Clicks on remove ingredient |
| Extensions | N/A |
| Exceptions | N/A |
| Open Issues | N/A |

|  |  |
| --- | --- |
| Description | User add an ingredient to MyPantry |
| Used By | Users |
| Preconditions | Ingredient is not added to the MyPantry |
| Success End Condition | Ingredient is added to the MyPantry |
| Failed End Condition | User does not add the ingredient to MyPantry |
| Actors | 1. User 2. API |
| Trigger | User clicks on the search bar in MyPantry tab |
| DESCRIPTION | Step Action  1- User click on (MyPantry) tap  2- User click on the search bar  3- User type the ingredient name to add in MyPantry  4- Using the spoonacular API, match the name with the database spoonacular  5- Show the ingredient in the page  6- Ask the user if they want to add it to MyPantry |
| Extensions | 4a- User entered an item that is not in the spoonacular  database  4a.1- display a message saying “the item is not in the database”  4a.2- return to the search bar  6a- User does not add the item to MyPantry  6a.1- return to the search bar |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | User views favorite recipes |
| Used By | Users |
| Preconditions | Have the App downloaded on a phone and open the app |
| Success End Condition | User has viewed their favorite recipes |
| Failed End Condition | User is unable to view their favorite recipes |
| Actors | 1. Users who want to view their favorite recipes |
| Trigger | User presses on “favorite recipes” while on the ReverseCookbook |
| DESCRIPTION | Step Action   1. User clicks on the main menu to view drop down items 2. User clicks on the “Reverse Cookbook” option 3. User clicks on “Favorite Recipes” 4. Favorite recipes are displayed |
| Extensions | 4b. User has no favorite recipes  4b.1 - Display a choice asking if they’d like to add some  4b.1.a - If yes, send them back to the Reverse Cookbook  4b.1.b - If no, take no action and leave them on the empty page |
| Exceptions | N/A |
| Open Issues | N/A |

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| --- | --- |
| Description | Add missing ingredients to the shopping list |
| Used By | Users |
| Preconditions | User has ingredients missing from a recipe they want to make |
| Success End Condition | User has added the missing ingredients to their shopping list |
| Failed End Condition | User is unable to add missing ingredients to their shopping list |
| Actors | 1. Users who want to add missing ingredients to their shopping list |
| Trigger | User is attempting to add a recipe to the ReverseCookbook that they lack ingredients for |
| DESCRIPTION | Step Action   1. User clicks on the main menu to view drop down items 2. User clicks on the “Reverse Cookbook” option 3. User has selected a recipe with lacking ingredients they want to add 4. A message will display alerting them that they lack ingredients and prompt if they want to add them to a shopping list |
| Extensions | 4b. User selects no  4b.1 - Return to the recipe selection |
| Exceptions | N/A |
| Open Issues | N/A |