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	

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	

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 6. User opens application 7.
Extensions	● User can add or remove an ingredient to pantry
Exceptions	
Open Issues	

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	

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	

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

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

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

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

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

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

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

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