Test Plan - PantryRaid

Group E

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| TestID | Description | Expected Results | Actual Results |
| ShoppingCart\_001 | Test increase quantity | Successfully increase quantity of item |  |
| ShoppingCart\_002 | Test decrease quantity | Successfully decrease quantity of item |  |
| ShoppingCart\_003 | Test click on item | Successfully display information about item |  |

Test Case: ShoppingCart\_001

Title: Test increase quantity

Description: When a user presses the plus button on an item, increase the quantity of the item by 1

Test Steps:

1. Make sure item(s) exist in the shopping cart
2. Go to shopping cart page
3. Press on the add button of an item
4. Check if the quantity of the item increased by one

Expected Result: The quantity of the item increases by 1

Failed Result: The quantity does not increase

Test Case: ShoppingCart\_002

Title: Test decrease quantity

Description: When a user presses the minus button on an item, decrease the quantity of the item by 1

Test Steps:

1. Make sure item(s) exist in the shopping cart
2. Go to shopping cart page
3. Press on the minus button of an item
4. Check if the quantity of the item decreased by one

Expected Result: The quantity of the item decreases by 1

Failed Result: The quantity does not decrease

Test Case: ShoppingCart\_003

Title: Test click on item

Description: When a user presses on an item, display information related to the item

Test Steps:

1. Make sure item(s) exist in the shopping cart
2. Go to shopping cart page
3. Press on button of item
4. Observe if information of item is displayed

Expected Result: The information about the item is displayed to the user

Failed Result: Selecting the item does not do anything

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| --- | --- | --- | --- |
| TestID | Description | Expected Results | Actual Results |
| Settings\_001 | Test turn calendar notifications on | Successfully turn on calendar notifications |  |
| Settings\_002 | Test turn calendar notifications off | Successfully turn off calendar notifications |  |
| Settings\_003 | Test turn on expiration notifications | Successfully turn on expiration notifications |  |
| Settings\_004 | Test turn off expiration notifications | Successfully turn off expiration notifications |  |
| Settings\_005 | Test turn expiration notifications to daily | Successfully change notifications for expiring items daily |  |
| Settings\_006 | Test turn expiration notifications to weekly | Successfully change notifications for expiring items weekly |  |
| Settings\_007 | To turn expiration notifications to monthly | Successfully change notifications for expiring items monthly |  |

Test Case: Settings\_001

Title: Test turn calendar notifications on

Description: When the user selects the toggle for calendar notification, it turns on and the user receives notifications from the calendar

Test Steps:

1. Make sure the toggle button is in the off position
2. Select the toggle button for calendar notifications
3. Observe if the toggle button changes to on
4. Make sure the user gets notifications from the calendar

Expected Result: Successfully turn on calendar notifications

Failed Result: The toggle for the calendar notifications stays off or the user does not receive any calendar notifications

Test Case: Settings\_002

Title: Test turn calendar notifications off

Description: When the user selects the toggle for calendar notification, it turns ff and the user does not receive notifications from the calendar

Test Steps:

1. Make sure the toggle button is in the on position
2. Select the toggle button for calendar notifications
3. Observe if the toggle button changes to off
4. Make sure the user does not get notifications from the calendar

Expected Result: Successfully turn off calendar notifications

Failed Result: The user gets calendar notifications

Test Case: Settings\_003

Title: Test turn expiration notifications on

Description: When the user selects the toggle for expiration notification, it turns on and the user receives notifications when a item is going to expire

Test Steps:

1. Make sure the toggle button is in the off position
2. Select the toggle button for calendar notifications
3. Observe if the toggle button changes to on
4. Make sure the user gets notifications from expiring items

Expected Result: Successfully turn on expiration notifications

Failed Result: The toggle for the expiration notifications stays off or the user does not receive any notifications from expiring items

Test Case: Settings\_004

Title: Test turn expiration notifications off

Description: When the user selects the toggle for expiration notification, it turns off and the user does not receive notifications when a item is going to expire

Test Steps:

1. Make sure the toggle button is in the on position
2. Select the toggle button for calendar notifications
3. Observe if the toggle button changes to off
4. Make sure the user does not get notifications from expiring items

Expected Result: Successfully turn off expiration notifications

Failed Result: The toggle for the expiration notifications stays on or the user receives notifications from expiring items

Test Case: Settings\_005

Title: Test turn expiration notifications to daily

Description: When the user selects to turn on the expiration notifications to daily, they will get a notification every day when their ingredients are about to expire. Will only notify for ingredients that are going to expire soon

Test Steps:

1. Make sure the toggle button for expiration notifications is in the on position
2. Select the daily button for frequency of expiration notifications
3. Observe if the frequency button changes to daily
4. Check to see if changes have been put into effect

Expected Result: Successfully turn on expiration notifications to daily

Failed Result: The user is not notified if their ingredients are going to expire daily or if the user is notified when their ingredients are going to expire weekly or monthly.

Test Case: Settings\_006

Title: Test turn expiration notifications to weekly

Description: When the user selects to turn on the expiration notifications to weekly, they will get a notification every week when their ingredients are about to expire. Will only notify for ingredients that are going to expire soon

Test Steps:

1. Make sure the toggle button for expiration notifications is in the on position
2. Select the weekly button for frequency of expiration notifications
3. Observe if the frequency button changes to weekly
4. Check to see if changes have been put into effect

Expected Result: Successfully turn on expiration notifications to weekly

Failed Result: The user is not notified if their ingredients are going to expire weekly or if the user is notified when their ingredients are going to expire daily or monthly.

Test Case: Settings\_007

Title: Test turn expiration notifications to monthly

Description: When the user selects to turn on the expiration notifications to monthly, they will get a notification every month when their ingredients are about to expire. Will only notify for ingredients that are going to expire soon

Test Steps:

1. Make sure the toggle button for expiration notifications is in the on position
2. Select the monthly button for frequency of expiration notifications
3. Observe if the frequency button changes to monthly
4. Check to see if changes have been put into effect

Expected Result: Successfully turn on expiration notifications to monthly

Failed Result: The user is not notified if their ingredients are going to expire monthly or if the user is notified when their ingredients are going to expire daily or weekly.

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| --- | --- | --- | --- |
| TestID | Description | Expected Results | Actual Results |
| Favorites\_001 | Test list of favorite recipes | Successfully display the list of favorite recipes |  |
| Favorites\_002 | Test toggle star button on | Successfully display an filled in star outline |  |
| Favorites\_003 | Test toggle star button off | Successfully display an empty star outline |  |
| Favorites\_004 | Test click on recipe | Successfully display information on the specific recipe |  |

Test Case: Favorites\_001

Title: Test list of favorite recipes

Description: When the user selects the Favorites page from the navigation menu, the application will redirect them to the Favorites page. The user will be able to see their list of favorite recipes.

Test Steps:

1. Expand the navigation menu on the top right corner of the application
2. Select ‘Favorites’
3. View the Favorites page

Expected Result: Successfully display the list of favorite recipes

Failed Result: The Favorites page does not load or unable to view list of Favorite recipes

Test Case: Favorites\_002

Title: Test toggle star button on

Description: While the favorites button is toggled off, indicated as an empty star outline, toggle the favorites button on by tapping the star outline so the outline becomes filled in.

Test Steps:

1. Make sure the favorites button for a particular recipe is in the off position
2. Select the favorites button for that recipe, indicated as a star
3. Observe if the empty star outline fills in
4. Check to see if changes have been put into effect

Expected Result: Successfully display an filled in star outline

Failed Result: The star outline does not fill in or the recipe is not kept in the list of favorite recipes

Test Case: Favorites\_003

Title: Test toggle star button off

Description: While the favorites button is toggled on, indicated as an full star outline, toggle the favorites button off by tapping the star outline so the outline becomes empty.

Test Steps:

1. Make sure the favorites button for a particular recipe is in the on position
2. Select the favorites button for that recipe, indicated as a star
3. Observe if the empty star outline becomes empty
4. Check to see if changes have been put into effect

Expected Result: Successfully display an empty star outline

Failed Result: The star outline does not become empty or the recipe is kept in the list of favorite recipes

Test Case: Favorites\_004

Title: Test click on recipe

Description: Select a particular recipe to be redirected to the individual page of the recipe for a more detailed description

Test Steps:

1. Select a particular recipe
2. Observe if directed to the individual page for that recipe

Expected Result: Successfully display information on the specific recipe

Failed Result: The user is not redirected to the individual page for a selected recipe

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| --- | --- | --- | --- |
| TestID | Description | Expected Results | Actual Results |
| Pantry\_001 | Filter Options | Filters list according to user input |  |
| Pantry\_002 | Shopping Cart | Shows the total number of food items in shopping cart |  |
| Pantry\_003 | Pantry Searchbar | Directs to “Search Page” |  |

Test Case: Pantry\_001

Title: Filter Options

Description: The user will be able to click on a drop down box that will allow the user to filter their pantry list according to the predefined options.

Test Steps:

1. Enter the MyPantry page
2. On the top left corner user taps filter options
3. This will drop down options for users to filter the list (Exp date, Food Name)
4. User selects each each option and hits “Enter”
5. List Updates

Expected Result: Filters list according to user input

Failed Result: Does not filter

Test Case: Pantry\_002

Title: Shopping Cart

Description: Adds food items to the shopping cart

Test Steps:

1. Enter the MyPantry Page
2. User will be able to manually add items in MyPantry to the shopping list
3. As items are added, the shopping cart will display number of items in the cart live
4. User can click on shopping cart to view all items in the list

Expected Result: Shows the total number of food items in shopping cart

Failed Result: Does not display number of items available

Test Case: Pantry\_003

Title: Pantry Searchbar

Description: Directs to “Search Page”

Test Steps:

1. User clicks on search bar
2. Directs to search page
3. User enters food item to add
4. Search page will pull list of possible ingredients
5. User will add item

Expected Result: Will pull and display results from the user input

Failed Result: Does not display any results or unable to add

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| --- | --- | --- | --- |
| TestID | Description | Expected Results | Actual Results |
| Menu\_001 | Open drop down menu | Successfully displays drop down menu |  |
| Menu\_002 | Click drop down menu item | Successfully displays new interface as chosen by user |  |
| Menu\_003 | Open shopping cart | Successfully displays shopping cart |  |

Test Case: Menu\_001

Title: Open drop down menu

Description: Displays drop down menu

Test Steps:

1. Click drop down menu
2. Drop down menu displays

Expected Result: Shows the drop down menu

Failed Result: Does not display drop down menu

Test Case: Menu\_002

Title: Click drop down menu item

Description: Displays new interface as chosen by user

Test Steps:

1. Click drop down menu item
2. New page opens up displaying clicked item

Expected Result: Successfully displays new interface as chosen by user

Failed Result: Does not display new page

Test Case: Menu\_003

Title: Open shopping cart

Description: Displays shopping cart

Test Steps:

1. Click shopping cart
2. Shopping cart page opens

Expected Result: Successfully displays shopping cart

Failed Result: Does not display shopping cart

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| --- | --- | --- | --- |
| TestID | Description | Expected Results | Actual Results |
| Calendar\_001 | Open Meal Calendar | Displays list of recipes for current date |  |
| Calendar\_002 | Toggle full calendar view | Displays current month |  |
| Calendar\_003 | Change day of month | Displays list of recipes for new date |  |
| Calendar\_004 | Click on recipe | Displays planned recipe for the day |  |

Test Case: Calendar\_001

Title: Open Meal Calendar

Description: Displays list of recipes for current date

Test Steps:

1. Click on meal calendar through drop down menu
2. Opens meal calendar page
3. Displays list of recipes

Expected Result: Successfully displays list of recipes for current date

Failed Result: Does not display list of recipes for date

Test Case: Calendar\_002

Title: Toggle full calendar view

Description: Displays current month

Test Steps:

1. Click on toggle full calendar view
2. Displays full month of dates

Expected Result: Displays current month

Failed Result: Does not display full calendar

Test Case: Calendar\_003

Title: Change day of month

Description: Change day of month

Test Steps:

1. Open full calendar view
2. Click on date
3. Opens new meal calendar page corresponding to the selected date
4. Displays meals for that date

Expected Result: Changes day of month

Failed Result: Does not change day of month as intended

Test Case: Calendar\_004

Title: Click on recipe

Description: Displays planned recipe for the day

Test Steps:

1. Click on recipe from the list
2. Opens up new page with information about the recipe

Expected Result: Displays planned recipe for the day

Failed Result: Does not display planned recipe for the day

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| --- | --- | --- | --- |
| TestID | Description | Expected Results | Actual Results |
| IndividualRecipe\_001 | Click on the image | Full screen image |  |
| IndividualRecipe\_002 | Click on the toggle button to select ingredient | Ingredient is selected |  |
| IndividualRecipe\_003 | Click on the add to meal calendar | Successfully add the recipe in your meal calendar |  |
| IndividualRecipe\_004 | Click on the add ingredients based on the selected toggle | Successfully add the ingredients to the shopping cart |  |
| IndividualRecipe\_005 | Click on the add all red ingredients to shopping cart | Successfully add all the missing ingredients (in red) to the shopping cart |  |

Test Case: IndividualRecipe\_001

Title: Recipe image in Individual Recipe Page

Description: When the user clicks on the image, the image gets full screen

Test Steps:

1. User clicks on the image
2. Image gets full screen

Expected Result: Image gets bigger (full screen)

Failed Result: Image doesn’t get bigger

Test Case: IndividualRecipe\_002

Title: The toggle button in Individual Recipe Page

Description: When the user clicks on the toggle button to select ingredient

Test Steps:

1. User clicks on the toggle button of an ingredient
2. The ingredient gets selected
3. The toggle color change to green

Expected Result: The chosen ingredient gets selected

Failed Result: The ingredient is not selected

Test Case: IndividualRecipe\_003

Title: The “add to meal calendar” button in Individual Recipe Page

Description: When the user clicks on the “add to meal calendar” button, the recipe gets added to the meal calendar.

Test Steps:

1. User clicks on the “add to meal calendar” button
2. The recipe gets added to the meal calendar.

Expected Result: The recipe gets added to the meal calendar

Failed Result:The recipe does not get added to the meal calendar.

Test Case: IndividualRecipe\_004

Title: The “add ingredients” button in Individual Recipe Page

Description: When the user clicks on the “add ingredients” button, the ingredients that was selected gets added to the shopping cart

Test Steps:

1. User clicks on the “add ingredients” button
2. Selected ingredients get added to the shopping cart

Expected Result:The selected ingredients get added to the shopping cart

Failed Result:The selected ingredients don’t get added to the shopping cart

Test Case: IndividualRecipe\_005

Title: the “add all missing ingredients” button in Individual Recipe Page

Description: When the user clicks on the “add all missing ingredients” button, it will add all the missing ingredients in shopping cart

Test Steps:

1. User clicks on the “add all missing ingredients” button
2. All missing ingredients gets added to the shopping cart

Expected Result: All missing ingredients gets added to the shopping cart

Failed Result: All missing ingredients don’t get added to the shopping cart