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

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.

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

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

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

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

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	Successfully add the ingredients to the shopping	

	selected toggle	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