

Requirement Traceability Matrix (RTM)

1. Business Requirements (BR)

- 1.1. **BR1:** Users can search for items in the menu.
- 1.2. **BR2:** Users receive feedback for unavailable items.
- 1.3. **BR3:** Users can add items to the cart.
- 1.4. **BR3:** Users can use filter selection on the home page

2. Technical Requirements (TR)

- 2.1. **TR1:** Display results for valid search keywords.
- 2.2. **TR2:** Display “No result” for invalid search keywords.
- 2.3. **TR3:** Cart functionality must handle item addition, customization, and total price updates.
- 2.4. **TR4:** Display filtered menu on click

Business Requirement #	Technical Requirement #	Test Case ID	Test Steps	Expected Result
BR1: Search functionality	TR1: Valid search results	Test search menu1	1. Navigate to Bash Coffee website. 2. Enter “Matcha” in the search box.	List of “Matcha” menu items displayed.
BR2: Feedback for invalid search	TR2: Handle invalid searches	Test search menu2	1. Navigate to Bash Coffee website. 2. Enter “banana” in the search box.	“No result” message displayed.
BR2: Feedback for invalid search	TR2: Handle invalid searches	Test search menu3	1. Navigate to Bash Coffee website. 2. Enter “กาแฟ” in the search box.	“No result” message displayed.
BR3: Add items to cart	TR3: Add single item to cart	Test add cart1	1.Navigate to Bash-coffee web 2.Enter data in search box	Item added to cart successfully.

			3.Select the menu from the menu that showing by click "+" button 4.Select type, add-on, and choice of Sweetness 5.Click "Add to cart" button 6.Click "close" button 7.Click "cart" button	
BR3: Add items to cart	TR3: Add multiple items	Test add cart2	1.Navigate to Bash-coffee web 2.Enter data in search box 3.Select the menu from the menu that showing by click "+" button 4.Select type and choice of Sweetness 5.Click "Add to cart" button 6.Click "close" button 7.Enter data in search box 8.Select the menu from the menu that showing by click "+" button 9.Click "Add to cart" button 10.Click "close" button 11.Click "cart" button	Item added to cart successfully.
BR3: Add items to cart	TR3: Add bakery items	Test add cart3	1.Navigate to Bash-coffee web 2.Enter data in search box 3.Select the menu from the menu that showing by click "+" button 4.Click "Add to cart" button 5.Click "close" button 6.Click "cart" button	Item added to cart successfully.
BR4: Use filter selection	TR4: Use Coffee Filter	Test Filter Coffee	1. Navigate to Bash-coffee web 2. Click "Coffee" Button 3. Click on "2" Under menu for second page	All Items successfully displayed on the Coffee filter
BR4: Use filter	TR4: Use Matcha	Test Filter Matcha	1. Navigate to Bash-coffee web	All Items successfully

selection	Filter		2. Click "Matcha" Button 3. Click on "2" Under menu for second page	displayed on the Matcha filter
BR4: Use filter selection	TR4: Use Bakery Filter	Test Filter Bakery	1. Navigate to Bash-coffee web 2. Click "Bakery " Button	All Items successfully displayed on the Bakery filter