**Testing for SuperPrice App (Group P1-03):**

*Test 1:*

**Scenario:** A customer/tester searches for a specific item by name

Acceptance criteria:

**Given:** the user has entered their target item name in the search bar (in navigation bar) and there are matches for that item name

**When:** the user submits with the enter key or the search button (right of the search bar)

**Then:** the user is redirected to the "Item List” page with all the results displayed

**Given:** the user has entered their target item name in the search bar but there are NO matches for that item name

**When:** the user submits with the enter key or the search button

**Then:** the user is redirected to the “Item List” page with the displayed message ‘Sorry! We could not find results for “<insert target item name>” with the applied filters!’

*Test 2:*

**Scenario:** A customer/tester filters a searched item term

Acceptance criteria:

**Given:** the user is in the “Item List” page, has clicked on one of the filter buttons (Brand, Category, Supermarket, Price) to reveal a modal, has selected their filter options (with checkboxes or radio buttons) and there are matches for the item name with the filters

**When:** the user presses the “Apply” button at the bottom of the modal

**Then:** the modal is closed, and the item list is updated to show only the items which satisfy those filters.

**Given:** the user is in the “Item List” page, has clicked on one of the filter buttons to reveal a modal, has selected their filter options and there are NO matches for the item name with the filters

**When:** the user presses the “Apply” button at the bottom of the modal

**Then:** the modal is closed, and the message ‘Sorry! We could not find results for “<insert target item name>” with the applied filters!’ is displayed

*Test 3:*

**Scenario:** A customer/tester adds an item to cart

Acceptance criteria:

**Given:** the user is in the “Home” page

**When:** the user clicks the “Add” button for one of the item cards under the title “Special Deals” to reveal a modal, has selected the quantity and pressed the "Confirm” button  
**Then:** the modal is closed, the item is added to the cart and cart icon in the navigation bar is updated to show how many items are now in the cart

**Given:** the user is in the “Product” page

**When:** the user clicks the “Add” button for one of the item cards under the title “Available At” OR underneath the image for the target product to reveal a modal, has selected the quantity and pressed the "Confirm” button  
**Then:** the modal is closed, the item is added to the cart and cart icon in the navigation bar is updated to show how many items are now in the cart

**Given:** the user is in the “Item List” page

**When:** the user clicks the “Add” button for one of the item cards to reveal a modal, has selected the quantity and pressed the "Confirm” button  
**Then:** the modal is closed, the item is added to the cart and cart icon in the navigation bar is updated to show how many items are now in the cart

*Test 4:*

**Scenario:** A customer/tester views their cart

Acceptance criteria:

**Given:** the user has items in their cart  
**When:** the user clicks the cart icon in the navigation bar

**Then:** the user is redirected to the “Checkout” page (1st step) where the list of all products and their quantity is displayed

**Given:** the user has NO items in their cart

**When:** the user clicks the cart icon in the navigation bar

**Then:** the user is redirected to the “Checkout” page with the message “Empty Cart! Please add items to the cart to proceed!”

*Test 5:*

**Scenario:** A customer/tester removes an item from their cart

Acceptance criteria:

**Given:** the user is in the “Checkout” page (1st step), has items in the cart, has pressed the “X” button to the very right of the target item box, to reveal a modal

**When:** the user presses the “Confirm” button

**Then:** the modal is closed, the item is removed from the cart and the chart icon in the navigation bar is updated to show how many items are now in the cart

**Given:** the user is in the “Checkout” page (1st step), has items in the cart, has set the quantity counter value to 0 (left of the “X” button) to reveal a modal  
**When:** the user presses the “Confirm” button  
**Then:** the modal is closed, the item is removed from the cart and the chart icon in the navigation bar is updated to show how many items are now in the cart

*Test 6:*

**Scenario:** A customer/tester tries to get an order delivered to their doorstop

Acceptance criteria:

**Given:** the user is not logged, is in the “Checkout” page, has items in the cart, has entered valid delivery details (Name, Email, Mobile, Delivery Address, Delivery Method, Preferred Delivery Time) and has entered valid payment details  
**When:** the user clicks the “Confirm” button

**Then:** the page displays the message “Completed! Thank you for shopping at Super Price!” and the order is added to the system

**Given:** the user is logged in, is in the “Checkout” page, has items in the cart, has changed the delivery details to be valid (auto filled in from user profile details) and has entered valid payment details

**When:** the user clicks the “Confirm” button

**Then:** the page displays the message “Completed! Thank you for shopping at Super Price!” and the order is added to the system

**Given:** the user is in the “Checkout” page. Has items in the cart and the delivery details or the payment details are invalid

**When:** the user clicks the “Next” button (for delivery details) or “Confirm” button (for payment details)

**Then:** an error message for every incorrect field is displayed under the respective text field and the the text field is highlighted read

*Test 7:*

**Scenario:** A customer/tester compares the price of a product across supermarkets

Acceptance criteria:

**Given:** the user is in the “Product” page for their target product

**When:** theuser looks at the product cards (with price displayed) underneath the title “Available At”

**Then:** the user can see that the product across supermarkets is arranged from cheapest on the left to most expensive on the right

*Test 8:*

**Scenario:** A customer/tester will be notified when a product is on special.

Acceptance criteria:

**Given:** the user is on the SuperPrice application, and their browser is constantly asking the server for deals (sends a request once every 4 seconds)

**When:** a deal for a product at a supermarket has been added to the system

**Then:** then a popup for that product will appear on the website.

*Test 9:*

**Scenario:** The customer/tester can navigate to at least 3 pages

Acceptance criteria:

**Given:** the user is on the SuperPrice application

**When:** the user clicks the SuperPrice logo

**Then:** the user is redirected to the “Home” page

**Given:** the user is not logged in

**When:** the user clicks the Guest profile image icon in the navigation bar

**Then:** the user is redirected to the “Login”

**Given:** the user is logged in

**When:** the user clicks their profile image in the navigation bar

**Then:** the user is redirected to their “Profile” page

**Given:** the user is in the “Login” page

**When:** the user clicks the “Register” link under “New to SuperPrice?”

**Then:** the user is redirected to the “Register” page

*Test 10:*

**Scenario:** A customer/tester tries to register for an account

Acceptance criteria:

**Given:** the user is in the “Register” page, has entered a name, a valid email address and two matching passwords

**When:** the user presses “Register” button

**Then:** their credentials will be added to the system (password hashed), and they will be redirected to their “Profile” page

**Given:** the user is in the “Register” page and has entered incorrect registration details

**When:** the user presses the “Register” button  
**Then:** error messages will be displayed, one under each incorrect field which will be highlighted red

*Test 11:*

**Scenario:** A customer/tester tries to log into their account

Acceptance criteria:

**Given:** the user is in the “Login” page and has entered valid credentials (existing email, password pair)

**When:** the user presses the “Login” button

**Then:** they will be logged into their account and be redirected to their “Profile” page.

**Given:** the user is in the “Login” page and has entered invalid credentials (not an existing email, password pair),

**When:** the user presses the “Login” button

**Then:** the error message “Invalid Email or Password” will be displayed under both text fields, and they will be highlighted red

*Test 12:*

**Scenario:** A customer/tester tries to log out from their account

Acceptance criteria:

**Given:** the user is logged is either in their “Profile” page

**When:** the user presses the “Logout” button in the sub navigation bar

**Then:** the system will terminate the session and the user will be redirected to the “Home” page.

*Test 13:*

**Scenario:** A customer/tester tries to write a review for an item

Acceptance criteria:

**Given:** the user is logged in, is in the “Product” page for the target item, has entered their rating (has clicked the Nth star from the left for an N out of 5 rating) and their comment (in a text area) under the “Write a review?” title in the “Review” section

**When:** the user presses the “Submit” button

**Then:** the “Write a review?” box’s title is changed to “Edit your review?”, the creation date is displayed underneath the title and the “Submit” button is changed to “Edit” button.

**Given:** the user tried the same conditions above but was not logged in  
**When:** the user presses the “Submit” button

**Then:** the user will be redirected to the “Login” page.

*Test 14:*

**Scenario:** A customer/tester tries to edit a review for an item

Acceptance criteria:

**Given:** the user is logged in, is in the “Product” page for the target item, has changed their rating (has clicked the Nth star from the left for an N out of 5 rating) or comment (in a text area) under the “Edit your review?” title in the “Review” section

**When:** the user presses the “Edit” button

**Then:** the edit date underneath the box’s title should be changed to the new edited date.

**Given:** the user is logged in, and is in the “Review History” page, has scrolled down to the target product’s review box and has changed its rating or comment

**When:** the user presses the “Edit” button

**Then:** the edit date underneath the box’s title should be changed to the new edited date.

**Given:** the user is logged in and did not change the reviews rating or the comment (in “Review History” or “Product” page)

**When:** the user presses the “Edit” button

**Then:** the user is shown the warning message “There was no change to the review!” under the comment text area

*Test 15:*

**Scenario:** A customer/tester tries to change their password

Acceptance criteria:

**Given:** the user is logged in, is in their “Profile” page and has entered a strong password which matches with the confirmation password

**When:** the user presses the “Save” button

**Then:** the system will change the account’s password and both text fields will be highlighted green.

**Given:** the user is logged in, is in their “Profile” page but did not enter a strong password

**When:** the user presses the “Save” button

**Then:** error messages will be displayed, one under each incorrect field which will be highlighted red

*Test 16:*

**Scenario:** A customer/tester tries to find the summary of a previous purchase

Acceptance criteria:

**Given:** the user is logged in, is in their “Purchase History” page

**When:** the user clicks on their target purchase

**Then:** a box containing the full summary of the purchase will appear under the clicked button

*Test 17:*

**Scenario:** A customer/tester tries to find a review but cannot remember the product the review was written for

Acceptance criteria:

**Given:** the user is logged in and is in their “Review History” page

**When:** they locate the target product’s review box

**Then:** they can see their review rating and comments for the product