

Sofia's Pizza - Test Cases

Navigation For Unregistered User

Step	Expected Result	Pass/Fail
1. User types in the website URL: https://sofias-pizza.herokuapp.com	The user sees the landing page.	Pass
2. User clicks on the link "Sofia's Pizza"	The user is directed to the landing page.	Pass
3. User clicks on the nav link "Menu"	The user is directed to the menu page.	Pass
4. User clicks on the nav link "About"	The user is directed to the about page.	Pass
5. User clicks on the nav link "Register"	The user is directed to the account registration page and is presented with registration form to be completed for new account creation.	Pass
6. User clicks on the nav link "Login"	The user is directed to the account login page and is presented with login form to be completed for account login authorisation.	Pass

New User Registration

Step	Expected Result	Pass/Fail
1. Click on the nav link "Register", and try to submit the registration form with any of the form fields left blank.	The user will be prompted to fill out the empty field(s). The account will not be created.	Pass
2. Click on the nav link "Register", and try to submit the registration form with the following invalid input form fields: - an existing user name; - an existing email address; - a simple password or a password that is similar to the username; - both passwords entered do not match	The user will be prompted of the following fields that do not pass validation. The account will not be created.	Pass
3. Click on the nav link "Register", and try to submit the registration form with a non-existent username and email address, and passwords that match.	The form will be processed, and user will be directed to the Landing Page, upon which an alert message will appear indication account has been successfully created.	Pass

User Login

Step	Expected Result	Pass/Fail
1. Click on the nav link "Login", and try to submit the login form with any of the form fields left blank.	<p>The user will be prompted to fill out the empty field(s).</p> <p>The login form will not process, and user will not login.</p>	Pass
2. Click on the nav link "Login", and try to submit the login form with incorrect username and/or password.	<p>The user will be prompted with an error message that either the username or password is incorrect.</p> <p>The user will not be logged into their account.</p>	Pass
3. Click on the nav link "Login", and try to submit the login form with correct username and/or password.	<p>The login form will be processed, and user will be redirected to the Menu page. The page will have a message "Logged in as: <username>", and all menu items on the page will have +/- buttons which are the features to add/reduce item quantity to/from shopping cart.</p> <p>The following navbar links will be displayed due to authorized user login:</p> <ul style="list-style-type: none">• Sofia's Pizza (landing page)• About• Menu (acts as the user's shopping page)• Cart• Order History• Logout	Pass

Add items to shopping cart

Step	Expected Result	Pass/Fail
1. Upon authorized user login, click the "Menu" nav link. For menu item of choice, click the '+' button.	"Quantity in cart" will have a number appear next to it, to represent the quantity number of item in shopping cart. The respective menu item will increase by 1 and appear in the shopping cart. This result may be seen when checking the shopping cart page, by clicking "Cart" link in the nav bar.	Functionality wise, pass. However, for items further down on the Menu page, when the '+' button is clicked for them, the Menu Page will refresh itself automatically and jump back to the top of the page. In terms of user experience for future implementation, this is an issue to be looked into for rectification.

Reduce items from shopping cart

Step	Expected Result	Pass/Fail
1. Upon authorized user login, click the "Menu" nav link. For menu item of choice which does not exist in the shopping cart, click the '-' button once.	"Quantity in cart" will have no number appear next to it, as this represents that the respective item does not exist in the shopping cart. This can be verified when checking the shopping cart page, by clicking "Cart" link in the nav bar.	Pass
2. Upon authorized user login, click the "Menu" nav link. For menu item of choice which exists in the shopping cart, click the '-' button once.	"Quantity in cart" number will decrease the number displaying to the menu item by 1, which can be verified when checking the shopping cart page, by clicking "Cart" link in the nav bar.	Pass
3. Upon authorized user login, click the "Menu" nav link. For menu item of choice which has 1 unit in the shopping cart (ie. "Quantity in cart: 1" is shown on the Menu page), click the '-' button once.	"Quantity in cart" number will disappear, meaning that the quantity of that item is zero and hence removed from the shopping cart. This can be verified when checking the shopping cart page by clicking "Cart" link in the nav bar.	Pass

View shopping cart

Step	Expected Result	Pass/Fail
1. On the basis that there are no items added to the shopping cart, click the "Cart" link in the nav bar to view that there are no items in the shopping cart. Then try to click the "checkout" button.	A message will appear "Unable to checkout, cart is empty." The user will be redirected to the Cart Page.	Pass
2. On the basis that there are items in the shopping cart, click the "Cart" link in the nav bar to view items in shopping cart. Then try to click the "clear" button for item of preference to remove from cart.	The respective item will be removed from shopping cart regardless of its quantity.	Pass
3. On the basis that there are items in the shopping cart, click the "Cart" link in the nav bar to view items in shopping cart. Then try to click the "checkout" button to checkout items in shopping cart.	The page will redirect to the Checkout Page, and user will view the total amount due for payment.	Pass

Checkout

Step	Expected Result	Pass/Fail
1. On the checkout page, try to click any of the nav links in the nav bar to leave the checkout page.	User will not be able to access any of the nav links. A toggle display message appears upon hover over each link stating "Not available in this view".	Pass
2. On the checkout page, click on the "Cancel" button to cancel the transaction.	User will be redirected to the Cart Page, with a message displaying "Payment cancelled and items in cart all cleared." All items in shopping cart will be removed. The transaction will be created under the status of "cancelled", which is only viewable under the admin view of the superuser account.	Pass
3. On the checkout page, click on the "Pay" button to pay for the transaction.	User will be directed to the Payment Page, where a form with the payment details needs to be completed. The created transaction will be under the status of "pending", which is verified when checking the admin view of the superuser account.	Pass

Payment

Step	Expected Result	Pass/Fail
1. On the Payment Page, try to click any of the nav links in the nav bar to leave the checkout page.	User will not be able to access any of the nav links. A toggle display message appears upon hover over each link stating "Not available in this view".	Pass
2. On the Payment Page, click on the "Cancel" button to cancel the transaction.	User will be redirected to the Cart Page, with a message displaying "Payment cancelled and items in cart all cleared." All items in shopping cart will be removed. The transaction will be created under the status of "cancelled", which is only viewable under the admin view of the superuser account.	Pass
3. On the Payment Page, try to leave any of the mandatory form fields blank (i.e. fields marked with an "*"), and try clicking on the "Submit Payment" button.	User will be prompted to fill out The mandatory form field(s), and the payment will not be processed.	Pass
4. On the Payment Page, try to complete the complete the mandatory form fields and perform the different method tests for the different valid credit card payment scenarios as per the Stripe URL: https://STRIPE.com/docs/testing	For the test cases of accepted (valid) credit and debit card payment scenarios, payment will process through. An alert message box appears stating "submitted". Upon clicking "OK" on the alert message box. User will be directed to the Payment Successful page.	Pass
5. On the Payment Page, try to complete the complete the mandatory form fields and perform the different method tests for the different invalid credit card payment scenarios as per the Stripe URL: https://STRIPE.com/docs/testing	The payment will not process, and user will be returned with the Payment Page. The will display the respective payment error message as per the scenarios that are possible specific responses and errors: https://stripe.com/docs/testing#cards-responses	Pass

Payment Successful

Step	Expected Result	Pass/Fail
1. On the Payment Successful Page, try to click the hyperlink “here” showing on the page.	User will be directed to the Order History page, where the breakdown of the successfully paid orders (i.e. transactions of status ‘approved’) will be shown.	Pass

Logout

Step	Expected Result	Pass/Fail
1. Click on the nav link “Logout” in the navbar to log out of user’s account.	<p>User will be directed to the landing page, and a message will appear stating “You have successfully logged out.”</p> <p>As user is no longer logged in, the links in the navbar will show as follows:</p> <ul style="list-style-type: none">• Sofia’s Pizza (landing page)• About• Menu• Register• Login	Pass