Test Cases for User Story 1: Open a Credit Card Account

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| Test Case ID | Description | Steps | Expected Result |
| TC1.1 | New customer receives 15% discount | 1. Create a new customer account | A 15% discount is applied to the total price |
| TC1.2 | Existing customer with loyalty card gets 10% discount | 1. Log in as an existing customer with a loyalty card | A 10% discount is applied to the total price |
| TC1.3 | Coupon provides 20% discount for new customers | 1. Create a new customer account | Only the 20% coupon discount is applied |
| TC1.4 | Coupon and loyalty discounts are combined | 1. Log in as an existing customer with a loyalty card | A combined 30% discount is applied |
| TC1.5 | Discount logic prevents overlapping discounts (new customer and coupon) | 1. Create a new customer account | Only the 20% coupon discount is applied |
| TC1.6 | Discount logic excludes invalid coupons | 1. Log in as any user | An error message is displayed, and no coupon discount is applied |

Test Cases for User Story 2: Add Product to Cart

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| Test Case ID | Description | Steps | Expected Result |
| TC2.1 | Add product with stock to cart | 1. Log in as a user | Product is added to the cart; success message is displayed with a cart link |
| TC2.2 | Prevent adding out-of-stock product to cart | 1. Log in as a user | Error message is displayed; product is not added to the cart |
| TC2.3 | Adding a product without logging in | 1. Find any product | User is prompted to log in; product is not added to the cart |
| TC2.4 | Notification message includes cart link | 1. Log in as a user | Success message includes a link to the cart |
| TC2.5 | Prevent adding product with zero stock | 1. Log in as a user | Error message is displayed; product is not added to the cart |

Test Cases for User Story 3: Contact Us

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| Test Case ID | Description | Steps | Expected Result |
| TC3.1 | Submit valid contact form | 1. Fill in a valid email address | Form is submitted successfully, and a confirmation message is displayed |
| TC3.2 | Reject invalid email address | 1. Enter an invalid email (e.g., "user@com", "user@.com") | Error message is displayed; form is not submitted |
| TC3.3 | Reject empty email field | 1. Leave the email field blank | Error message is displayed; form is not submitted |
| TC3.4 | Reject empty contact name field | 1. Leave the contact name field blank | Error message is displayed; form is not submitted |
| TC3.5 | Reject empty message field | 1. Leave the message field blank | Error message is displayed; form is not submitted |
| TC3.6 | Reject message exceeding 500 characters | 1. Fill in all fields correctly | Error message is displayed; form is not submitted |
| TC3.7 | Validate optional fields do not impact submission | 1. Fill in only the mandatory fields | Form is submitted successfully, and a confirmation message is displayed |