ASSIGNMENT
WRITING
TESTCASES

Test Case ID	Test Case Title	Description	Priority	Preconditions	Test Steps	Test Step Result	Test Expected Result	Actual Results	Status	Notes	Testcase Design Strategy
TC001	Successful Login	Verify that a user can successfully log in with valid username and password.	P1	The user has a valid account in the bookstore application.	1. Navigate to the login page. 2. Enter valid username and password. 3. Click on the login button.		The user should be successfully logged in and directed to the homepage.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : This tests the normal flow where a user with valid credentials should be able to log in successfully. **Equivalence Partitioning**: Valid username and password combinations represent one equivalence class, while invalid combinations represent another. **Boundary Value Analysis**: Focus on the boundaries of valid and invalid inputs to ensure robust login functionality.

Test Case ID	Test Case Title	Description	Priority	Preconditions	Test Steps	Test Step Result	Test Expected Result	Actual Results	Status	Notes	Testcase Design Strategy
TC002	Unsuccessful Login	Verify that a user cannot log in with an invalid username or password.	P1	The user has an account in the bookstore application.	1. Navigate to the login page. 2. Enter an invalid username or password. 3. Click on the login button.		The system should display an error message, and the user should not be logged in.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Negative Scenario** : This tests the system's ability to handle invalid login attempts and prevent unauthorized access.

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TC003	View Book Details	Confirm that the book details can be viewed by clicking the "More Details" button.	P2	The user is logged into the bookstore application.	1. Navigate to the list of books. 2. Click on the "More Details" button of a specific book.		The user should be directed to a page displaying detailed information about the selected book.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : Ensures that the book details can be successfully accessed, a critical functionality in an online bookstore.

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TC004	Add to Cart	Validate that a book can be successfully added to the shopping cart.	P1	The user is logged into the bookstore application and viewing book details.	1. Click on the "Add to Cart" button. 2. Navigate to the shopping cart.		The selected book should be displayed in the shopping cart.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : Confirms the core functionality of adding items to the cart, a key aspect of online shopping.

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TC005	Update Quantity in Cart	Ensure that the user can update the quantity of a book in the shopping cart.	P3	The user has items in the shopping cart.	1. Navigate to the shopping cart. 2. Update the quantity of a specific book.		The total price should update based on the new quantity.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : Tests the ability to modify the quantity of items in the cart, an essential feature for users. **Equivalence Partitioning**: Quantity values within a valid range (1 to 10) represent one equivalence class. Values outside this range represent another class. **Boundary Value Analysis**: Specifically test the boundaries (1 and 10) as well as values just outside the range (0 and 11).

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TC006	Checkout Process	Validate the successful completion of the checkout process.	P1	The user has items in the shopping cart.	1. Click on the checkout button.		The user should be directed to the order confirmation page with a unique order number.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : Verifies that the checkout process works smoothly, from entering details to confirming the purchase.
					2. Enter shipping and payment information.						
					3. Confirm the purchase.						

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TC007	Payment Offline	Confirm that the user can choose the offline payment option during checkout.	P2	The user is in the checkout process.	1. Choose the offline payment option. 2. Complete the checkout process.		The order should be successfully placed, and the user directed to the order confirmation page.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : Validates the offline payment method, an important alternative for users.

Test Case ID	Test Case Title	Description	Priority	Preconditions	Test Steps	Test Step Result	Test Expected Result	Actual Results	Status	Notes	Testcase Design Strategy
TC008	Payment by Card	Verify that the user can successfully make a payment using a card during checkout.	P1	The user is in the checkout process.	1. Choose the "Pay by Card" option. 2. Enter valid card details. 3. Complete the checkout process.		The payment should be successful, and the user directed to the order confirmation page.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario**: Tests the functionality of making payments using a credit card, a common and crucial feature. **Equivalence Partitioning**: Valid and invalid card details represent different equivalence classes. **Boundary Value Analysis**: Specifically test the boundaries of valid inputs (e.g., the minimum and maximum length of the credit card number, valid expiration dates).

Test Case ID	Test Case Title	Description	Priority	Preconditions	Test Steps	Test Step Result	Test Expected Result	Actual Results	Status	Notes	Testcase Design Strategy
TC009	Secure Pay Offline	Confirm that the user can securely make an offline payment during checkout.	P3	The user is in the checkout process.	1. Choose the "Secure Pay Offline" option. 2. Follow the secure payment process. 3. Complete the checkout process.		The secure offline payment should be successful, and the user directed to the order confirmation page.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Positive Scenario** : Tests the security and success of the offline payment process.

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TC010	Unsuccessful Payment	Verify that an error message is displayed if the payment process fails during checkout.	P1	The user is in the checkout process.	1. Choose a payment option.		An error message should be displayed, and the user should not be directed to the order confirmation page.	[Provide actual results here]	Pass/Fail/Blocked	[Add any additional comments or observations]	**Negative Scenario** : Ensures that the system handles and communicates errors effectively during the payment process.
					2. Enter invalid payment details.						
					3. Complete the checkout process.						