Requirement Traceability Matrix Activity
Systems Quality Assurance

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Directions: Complete the Requirement Traceability Matrix below by assigning test cases for each Software Requirement using the provided Test Cases. Write the *Test Case ID* only.

Requirement ID	Requirement Description	Test Case ID
RQ-001	User should be able to register	TC-015
RQ-002	Users must be able to log in	TC-004
		TC-010
		TC-012
RQ-003	Browse products by category	TC-003
		TC-021
		TC-024
RQ-004	Add products to the shopping cart	TC-002
		TC-026
RQ-005	Proceed to checkout	TC-009
		TC-020
RQ-006	Users can review and place orders	TC-011
		TC-017
		TC-023
RQ-007	Payment processing	TC-001
		TC-013
		TC-019
RQ-008	Generate order confirmation	TC-016
		TC-022
RQ-009	User account management	TC-006
		TC-025
		TC-027
		TC-028
RQ-010	Search functionality	TC-005
		TC-008
		TC-014
		TC-021

Test Case ID	Test Case Description
TC-001	Test payment confirmation page
TC-002	Test cart item quantity
TC-003	Test search filters
TC-004	Test login with invalid email
TC-005	Test search with no results
TC-006	Test profile information update
TC-007	Test product sorting
TC-008	Verify site search feature
TC-009	Verify cart review step
TC-010	Test login with incorrect pwd
TC-011	Test order placement and review
TC-012	Test user login functionality
TC-013	Validate payment processing
TC-014	Test cart subtotal calculation
TC-015	Test user registration process
TC-016	Test order confirmation email
TC-017	Test shipping information
TC-018	Verify registration email
TC-019	Test payment gateway response
TC-020	Test checkout process
TC-021	Verify product filtering
TC-022	Verify order confirmation email
TC-023	Verify order summary display
TC-024	Test category selection
TC-025	Test password change process
TC-026	Verify product adding to cart
TC-027	Test user account management
TC-028	Test registration validation
TC-029	Test order confirmation display