Ecommerce Casestudy Manual Testing Sheet

Test Case ID	Module	Test Case Description	Test Steps
TC_001	Customer	Register a new customer	Navigate to register customer → Enter valid details → Submit
TC_002	Customer	Register customer with missing fields	Leave email blank → Submit
TC_003	Customer	Delete existing customer	Enter valid customer ID → Delete
TC_004	Customer	Delete non-existing customer	Enter invalid customer ID → Delete
TC_005	Product	Create new product	Enter product details → Submit
TC_006	Product	Create product with negative price	Enter invalid price → Submit

TC_007	Product	Delete existing product	Enter valid product ID → Delete
TC_008	Product	Delete non-existing product	Enter invalid ID → Delete
TC_009	Cart	Add product to cart	Select product → Enter quantity → Add to cart
TC_010	Cart	Remove product from cart	Select product from cart → Remove
TC_011	Cart	Add product to cart with insufficient stock	Add quantity more than stock → Submit
TC_012	Cart	View cart with multiple products	Add multiple products → View cart
TC_013	Order	Place order from cart	Add products → Place order

TC_014	Order	Place order with empty cart	Empty cart → Place order
TC_015	Order	View past orders by customer	Enter customer ID → View orders
TC_016	Order	View orders with invalid customer ID	Enter invalid ID → View orders
TC_017	Exception Handling	Handle non-existing product during add to cart	Add invalid product ID to cart
TC_018	Exception Handling	Handle invalid customer ID while placing order	Enter non-existing ID → Place order
TC_019	DB Connectivity	Test DB connection with valid property file	Run app with valid db.properties file

Result	Status
Customer should be added and saved in DB	Passed
Error or prompt should be shown	Passed
Customer should be deleted from database	Passed
CustomerNotFoundException should be thrown	Passed
Product should be saved in DB	Passed
Error should be shown or entry should be restricted	Passed

Product removed from DB	Passed
ProductNotFoundException should be thrown	Passed
Product added to customer cart	Passed
Product removed from cart	Passed
Error should appear, stock should remain unchanged	Passed
All products with correct quantity displayed	Passed
Order created with correct total and address	Passed

Should show error / disallow placing order	Passed
List of past orders shown with items and total	Passed
CustomerNotFoundException should be thrown	Passed
ProductNotFoundException should be thrown	Passed
CustomerNotFoundException should be thrown	Passed
Connection should be established and app should run	Passed