

# Order Management System - Manual Test Cases

## User Management

Test ID	Test Scenario	Input Data	Result	Status
TC_U01	Create a new user	username="Monish", role="User"	User created successfully	Passed

## Attempt to create a duplicate user

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_U02	Duplicate user creation	username="john", role="User"	Exception thrown or duplicate not inserted	Passed

## Product Management

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_P01	Create Electronics	Valid admin, Product: Laptop, ₹60,000, 10 pcs, brand=HP, warranty=2 years	Product created successfully	Passed

## Create product by non-admin

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_P02	Non-admin createProduct	Normal user attempts to create product	Operation denied with an exception	Passed

## Order Management

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_O01	Create order for new user	New user + list of valid product IDs	User created and order placed	Passed

## Create an order for existing user

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_O02	Order for existing user	Existing user + 2 product IDs	Order created successfully	Passed

## Cancel an order with valid userId and orderId

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_O03	Cancel order	userId=101, orderId=2001	Order cancelled successfully	Passed

## Cancel order with invalid userId

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_O04	Invalid user on cancel	userId=9999, orderId=2001	UserNotFoundException thrown	Passed

## Cancel order with invalid orderId

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_O05	Invalid order ID	userId=101, orderId=9999	OrderNotFoundException thrown	Passed

## Product Query

Test ID	Test Scenario	Input Data	Expected Result	Status
TC_Q01	View all products	N/A	List of all products displayed	Passed
Order Query by User				
Test ID	Test Scenario	Input Data	Expected Result	Status
TC_Q02	Orders by user	userId=101	List of products ordered by user shown	Passed
Fetch orders for non-existent user				
Test ID	Test Scenario	Input Data	Expected Result	Status
TC_Q03	Orders by invalid user	userId=9999	UserNotFoundException thrown	Passed

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