1.Design the Test cases for This Scenario Q1 - Suppose, In Ecommerce Sale we have discounts like this, Invalid and Valid Test cases 0- 5000 - 10% 5001-10000 - 15% 10001-20000 - 25% .

Q1 - E-commerce Sale Discount Test Cases

Valid Test Cases

Test Case ID	Purchase Amount	Expected Discount (%)	Expected Outcome
TC_01	0	10%	Pass
TC_02	1000	10%	Pass
TC_03	5000	10%	Pass
TC_04	5001	15%	Pass
TC_05	7500	15%	Pass
TC_06	10000	15%	Pass
TC_07	10001	25%	Pass
TC_08	15000	25%	Pass
TC_09	20000	25%	Pass

Invalid Test Cases

Test Case ID	Purchase Amount	Expected Outcome
TC_10	-100	Invalid Input/Error
TC_11	2001	No discount / Error Message if max limit is defined
TC_12	ABC	Invalid Input/Error
TC_13	500.05	Should handle decimals correctly
TC_14	10000.25	Should apply the correct discount

Q2 - Coffee Machine Test Cases

Functional Test Cases

Test Case ID	Test Scenarios	Expected Outcome	Test Result
TC_1	Power ON the machine	Power ON the machine	PASS
TC_02	Power OFF the machine	Power OFF the machine	PASS
TC_03	Select Espresso	elect Espresso	PASS
TC_04	Select Cappuccino	Select Cappuccino	PASS
TC_05	Select Latte	Select Latte	PASS
TC_06	Select hot water	Hot water is dispensed	PASS
TC_07	Add sugar	Sugar is added successfully	PASS
TC_08	Choose cup size (Small, Medium, Large)	Correct size is selected	PASS
TC_09	No water in the tank	Machine shows "Refill water" error	PASS

Invalid Test Cases

Test Case ID	Purchase Amount	Expected Outcome
TC_10	Send a message without internet	Send a message without internet
TC_11	Send a message to a blocked contact	Send a message to a blocked contact
TC_12	Enter wrong OTP during login	Enter wrong OTP during login
TC_13	Power off during brewing	Machine should safely stop
TC_14	Select coffee when no power	Machine should not respond

Q3 - WhatsApp Test Cases

Functional Test Cases

Test Case ID	Test Scenarios	Expected Outcome	Test Result
TC_1	Open WhatsApp app	App opens successfully	PASS
TC_02	Send a text message	Message is sent	PASS
TC_03	Send a voice note	Voice note is sent	PASS
TC_04	Make a voice call	Call connects successfully	PASS
TC_05	Make a video call	Video call connects successfully	PASS
TC_06	Send an image	Image is sent	PASS
TC_07	Send a document	Document is sent	PASS
TC_08	Change profile picture	Profile picture is updated	PASS
TC_09	Change status	Status is updated	PASS

Test Case ID	Purchase Amount	Expected Outcome
TC_10	Send a message without internet	Send a message without internet
TC_11	Send a message to a blocked contact	Send a message to a blocked contact
TC_12	Enter wrong OTP during login	Enter wrong OTP during login
TC_13	Try to login with incorrect number	Try to login with incorrect number
TC_14	Try sending a 2GB file	Try sending a 2GB file