

Practical-5

Objective: Develop a test case for OTP verification.

PROJECT NAME	Online Shopping System
MODULE NAME	Negative OTP Test Cases
CREATED BY	Himanshu Kushwah, Maithil Patel
CREATED DATE	10-03-2025
RECEIVED BY	Test User
RECEIVED DATE	10-03-2025

Test Case ID	Test Case Description	Test Data	Precondition	Test Steps	Expected Result	Actual Result	Status (Pass/Fail)	Executed By	Executed Date	Comments
TC_001	Verify that OTP is not sent to an unregistered mobile number	Unregistered mobile number	User must not have an account	1. Enter an unregistered mobile number 2. Click on 'Get OTP' button	System should show an error message	Error message displayed	Pass	Tester Name	10-03-2025	Correct error displayed
TC_002	Verify that OTP is not accepted after expiry	Expired OTP	OTP should have an expiry time	1. Generate OTP 2. Wait until it expires 3. Enter expired OTP	System should reject expired OTP	Expired OTP rejected	Pass	Tester Name	10-03-2025	Expiry works correctly
TC_003	Verify that OTP is invalid if entered incorrectly	Incorrect OTP entered	OTP should be verified for correctness	1. Generate OTP 2. Enter an incorrect OTP	System should show an 'Invalid OTP' message	Incorrect OTP accepted	Fail	Tester Name	10-03-2025	OTP validation issue

TC_004	Verify that OTP request is blocked after multiple failed attempts	Multiple incorrect OTP entries	System should have an OTP retry limit	1. Enter incorrect OTP multiple times 2. Check if the system blocks further OTP requests	System should block OTP requests after maximum attempts	OTP requests not blocked	Fail	Tester Name	10-03-2025	Retry limit issue
TC_005	Verify that OTP is not generated if the mobile number field is empty	Empty mobile number field	User should provide a valid number	1. Click on 'Get OTP' without entering a mobile number	System should show a validation error	Validation error displayed	Pass	Tester Name	10-03-2025	Field validation is correct