TUTORIAL 2

2.Identify a Bug or Propose a New Feature in an Application with Supporting Test Cases.

- Login Or Registration Amazon Application.

Amazon

TASK 1: Identify a Bug

Step 1: Explore the Application

Access Login and Registration pages.

Try these scenarios:

- Register with existing password
- Leave password blank
- Enter a weak password like 123

Observed Bug:

Bug Title: Registration accepts weak passwords like 123 without any validation.

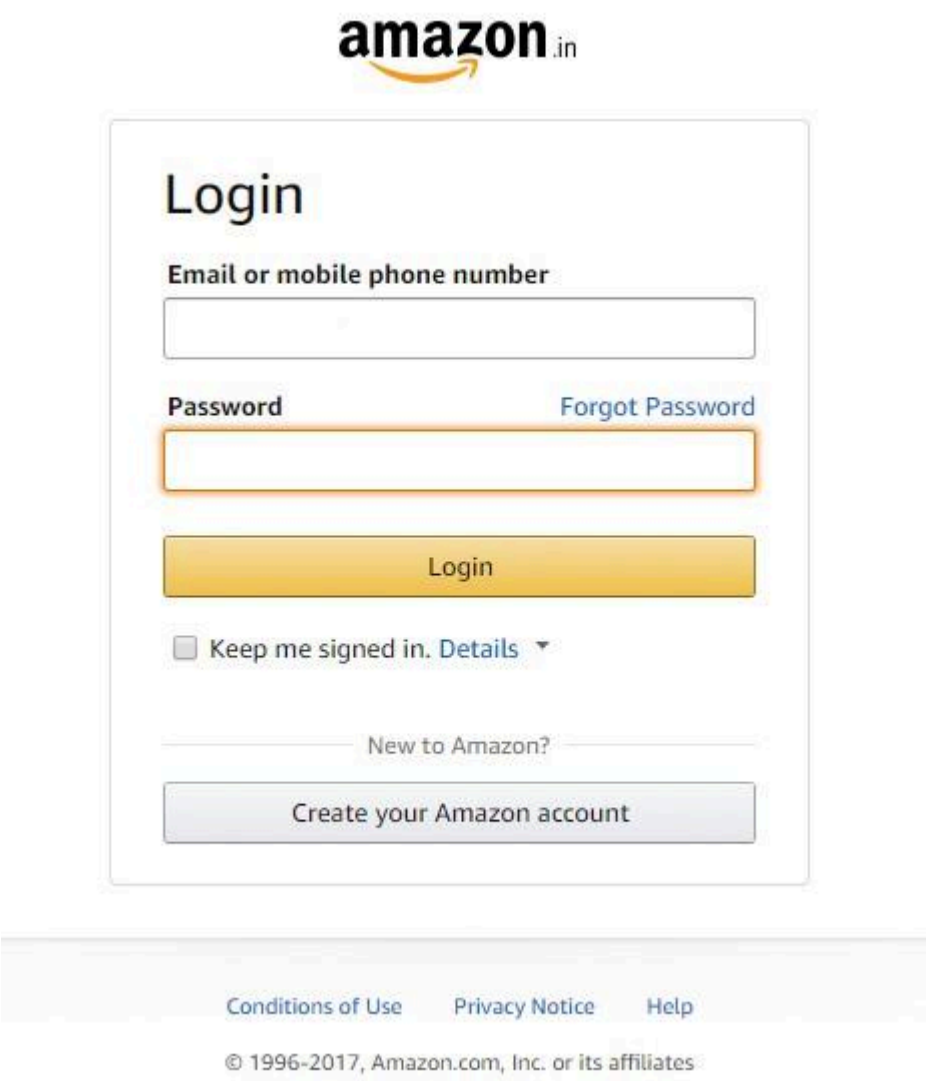
Bug Report:

Field	Details
Bug ID	BUG-2025-00 Bug Title Weak passwords allowed in registration.
Module	Registration Page
Environment	Chrome v116, Windows 10
Steps to Reproduce	**1.**Open registration page **2.** Enter valid password **3.** Enter password 123 **4.**Click Submit
Expected Result	Error message: "Password too weak"
Actual Result	Registration successful with password 123
Priority	High
Status	Open

Supporting Test Cases:

TC_ID:-1

Step:- Go to the registration page



Test input:- Enter email Or phone.
Enter password='1234'

Expected Result:- System should reject with error "Password to week"

Actual Result:- Password accepted

Status:- Fail

Comment:- week password accepted.

TC_ID:-2

Step:- Enter valid password

Test input:- "Amazon123"

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Sign-In

Enter valid password

••••••••••

Forgot password?

Sign-In

Expected Result:- Should accept (valid mix of letters/numbers)

Actual Result:- Accepted

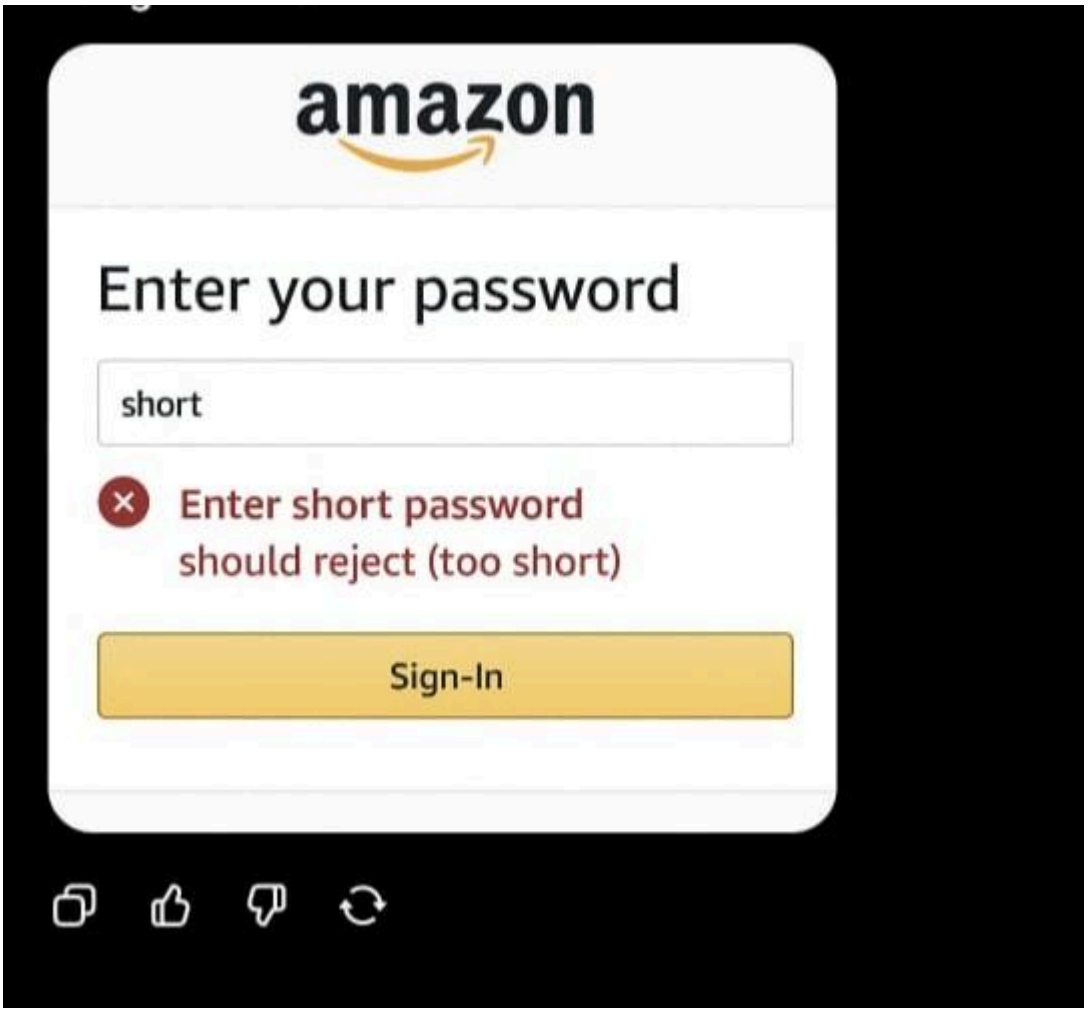
Status:- Pass

Comment:- works fine

TC_ID:-3

Step:- Enter short password

Test input:- “Aa1@”



Expected Result:- should reject (too short)

Actual Result:- Accepted

Status:- Fail

Comment:- short password accepted

TC_ID:-4

Step:- Enter Strong password

Test input:- “strongpass@123”

amazon

Sign in

Enter password

••••••••

Show password

Passwords must be at least 6 characters

✓ Strong password

Continue

By continuing, you agree to Amazon's Conditions of Use and Privacy Policy.

Expected Result:- should accepted

Actual Result:- Accepted

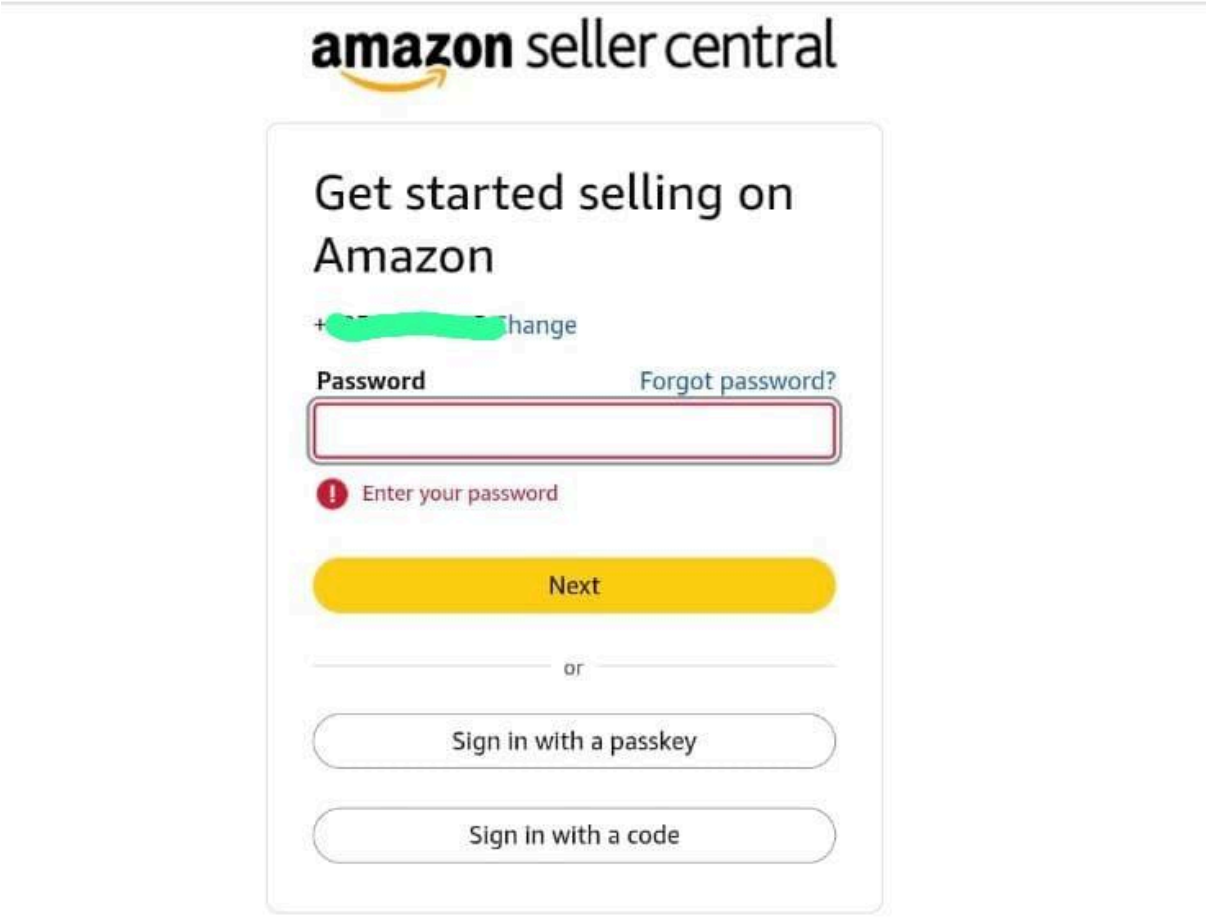
Status:- Pass

Comment:- Meets strong criteria

TC_ID:-5

Step:- leave password blank

Test input:- “ ”



Expected Result:- should show “ Password required”

Actual Result:- Error shown

Status:- Pass

Comment:- validation works

TASK 2: Propose a New Feature

Observed Issue:

No "mandatory OTP verification" for mobile numbers during registration to prevent fake accounts and enhance security.

Proposed Feature: Add "mandatory OTP verification”

Feature Description:

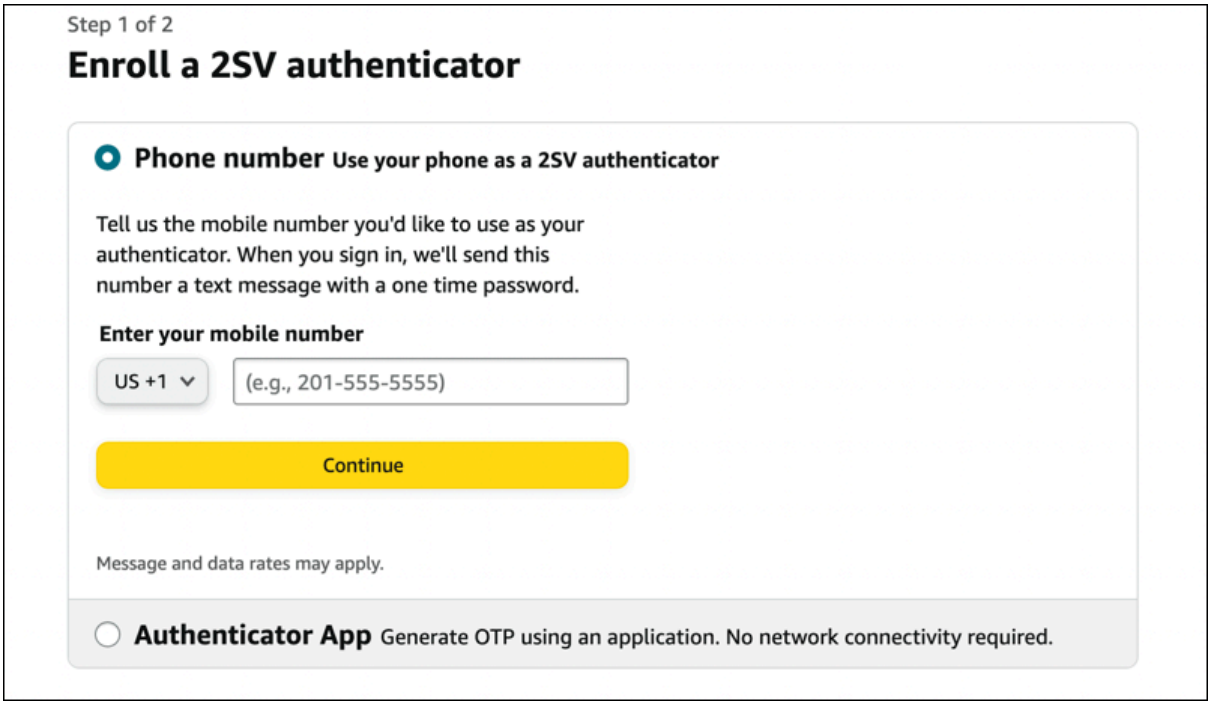
Field	Details
Feature	Title Forgot Password Function
Location	Amazon Login Page
Description	Add "mandatory OTP verification”
Benefit	Improves usability and security
Priority	Medium

Supporting Test Cases:

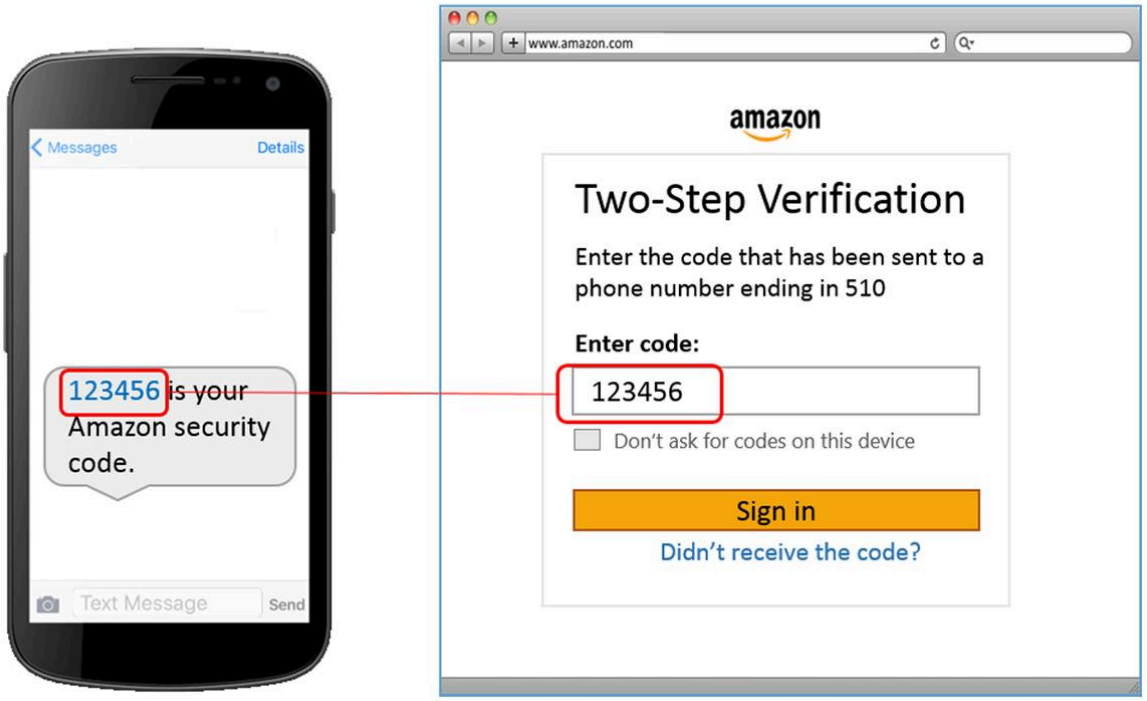
TC_ID:-1

Step:- Enter valid mobile number

Test input:- 6527268907



Expected Result:- OTP sent successfully



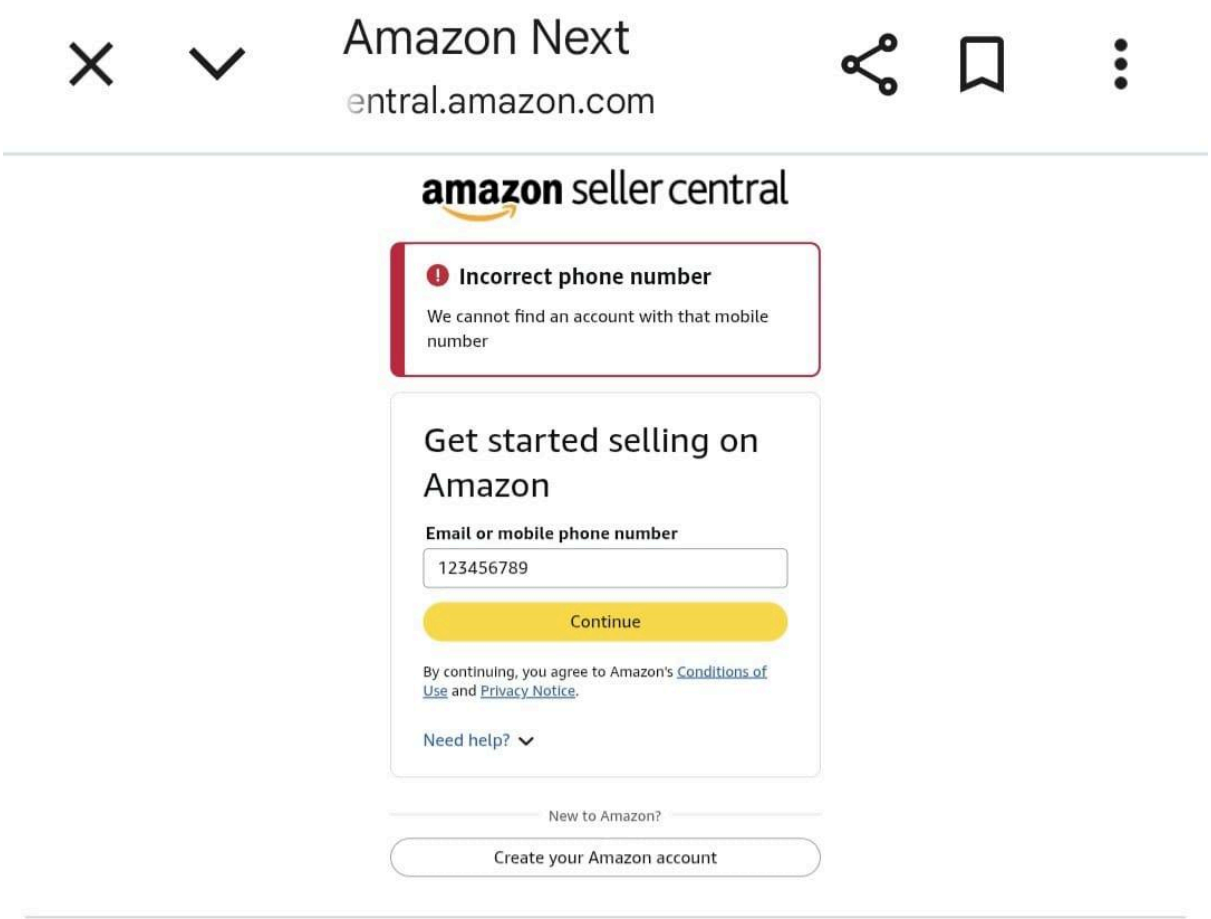
Actual Result:- OTP received

Status:- Pass

Comment:- works fine

TC_ID:-2

Step:- Enter invalid mobile number



Test input:- 12345

Expected Result:- error “invalid mobile number”

Actual Result:- error shown

Status:- Pass

Comment:- correct validation

TC_ID:-3

Step:- Enter mobile, request OTP

Test input:- 6527268907

Expected Result:- OTP sent

Actual Result:- OTP not received

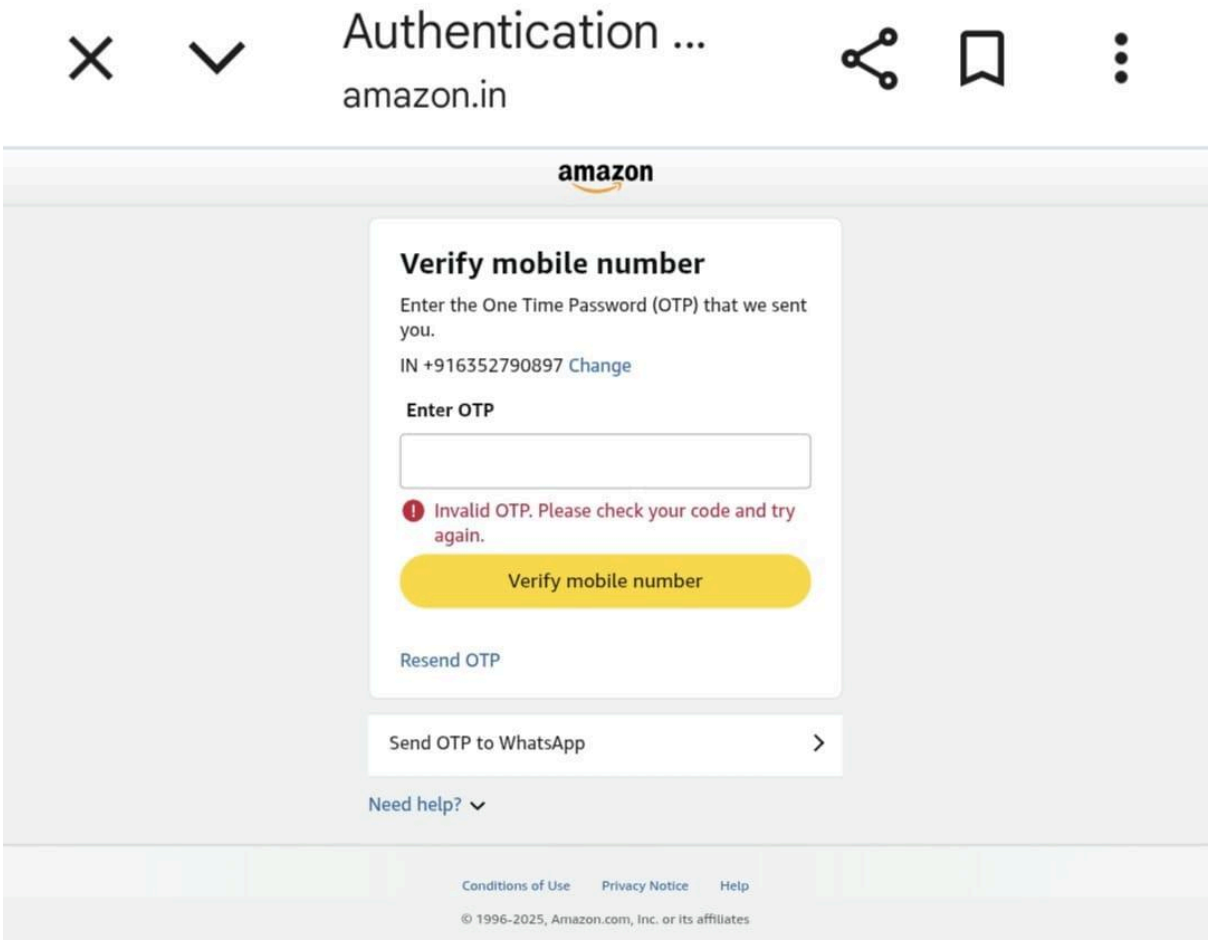
Status:- Fail

Comment:- SMS delivery issue

TC_ID:-4

Step:- Enter wrong OTP

Test input:- 6527268907



Expected Result:- Error “incorrect OTP”

Actual Result:- Error shown

Status:- Fail

Comment:- Correct rejection

TC_ID:-5

Step:- Request OTP multiple times

Test input:- 6527268907

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Enter one-time password

Enter the 6-digit OTP sent to your mobile number

Verify

OTP request limit exceeded.
Please try again later.

Resend OTP

Expected Result:- should restrict after 3 tries

Actual Result:- Allowed unlimited

Status:- Fail

Comment:- Needs restriction