

Test Execution Report – EchoGPT Sign-Up & Sign-In

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1. Test Cases Executed vs Planned

- Planned Test Cases: 27
- Functional: 21 (F01–F21)
- Non-Functional: 6 (NF01–NF06)
- Executed Test Cases: 27 (100%)

2. Pass/Fail Statistics

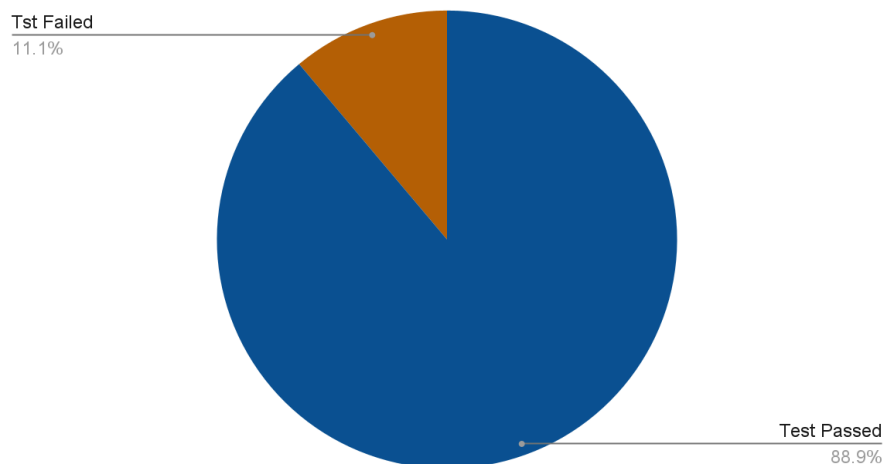
Passed: 24

Failed: 3(F03 – OTP Wrong,F14 – Terms of Use Link, F15 – Privacy Policy Link,F21 – Duplicate Email Sign-Up)

Pass Rate: 88.9%

Fail Rate: 11.1%

Test Execution Result

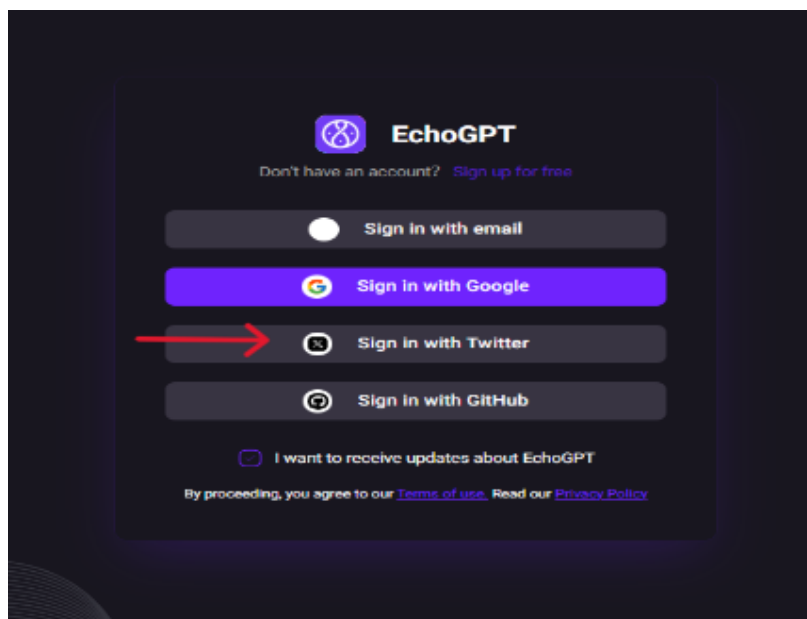


3. Defects Found (Categorized by Severity)

- High Severity (2):

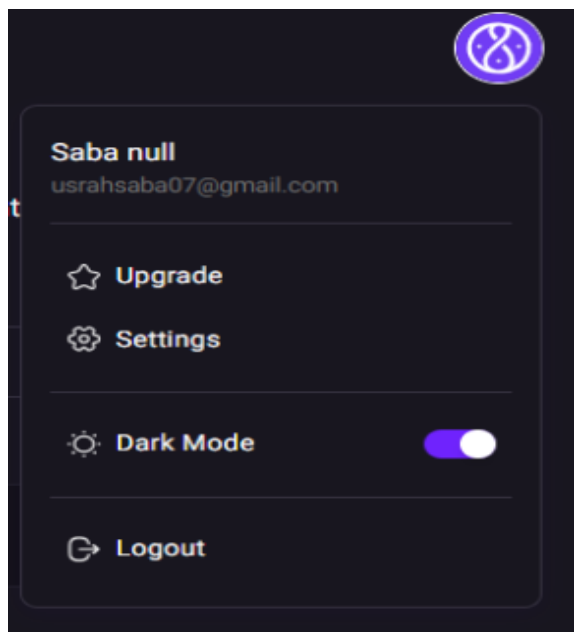
BUG-002: Twitter sign-in button not working

Bug ID:	BUG-002
Title:	Twitter sign-in button not working
Severity:	High
Priority:	High
Environment:	Windows 11, Chrome v126
Steps to Reproduce:	Go to EchoGPT website Click on "Sign In" Click " Sign In with Twitter"
Expected Result:	User should be redirected to the Twitter authentication page for login.
Actual Result:	no action occurs.



BUG-003: Duplicate Email Sign-Up

Bug ID:	BUG-003
Title:	Duplicate Email Sign-Up
Severity:	High
Priority:	High
Environment:	Windows 11, Chrome v126
Steps to Reproduce:	Sign up with a valid Gmail account (example: usrahsaba07@gmail.com)
	Complete OTP verification successfully
	Go to Sign-Up page again
	Enter the same Gmail and try to register
Expected Result:	System should show a warning/error message like "Email already exists" and prevent duplicate sign-up.
Actual Result:	No OTP email is received, and the "Enter OTP" page is confusing for the user



Screenshot1 : an existing gmail account showing

The screenshot shows the EchoGPT sign-up interface. At the top is the EchoGPT logo and a link to 'Sign In' for existing users. Below are input fields for 'First Name' and 'Last Name', both containing the number '11'. The 'Email' field contains 'usrahsaba07@gmail.com'. A purple 'Send OTP' button is positioned below the email field. Underneath is a section titled 'Or continue with' with three social login buttons: Google, Apple, and Facebook. At the bottom, there is a checked checkbox for 'I want to receive updates about EchoGPT' and a footer with links to 'Terms of use' and 'Privacy Policy'.

Screenshot 2: attempting duplicate mail sign up

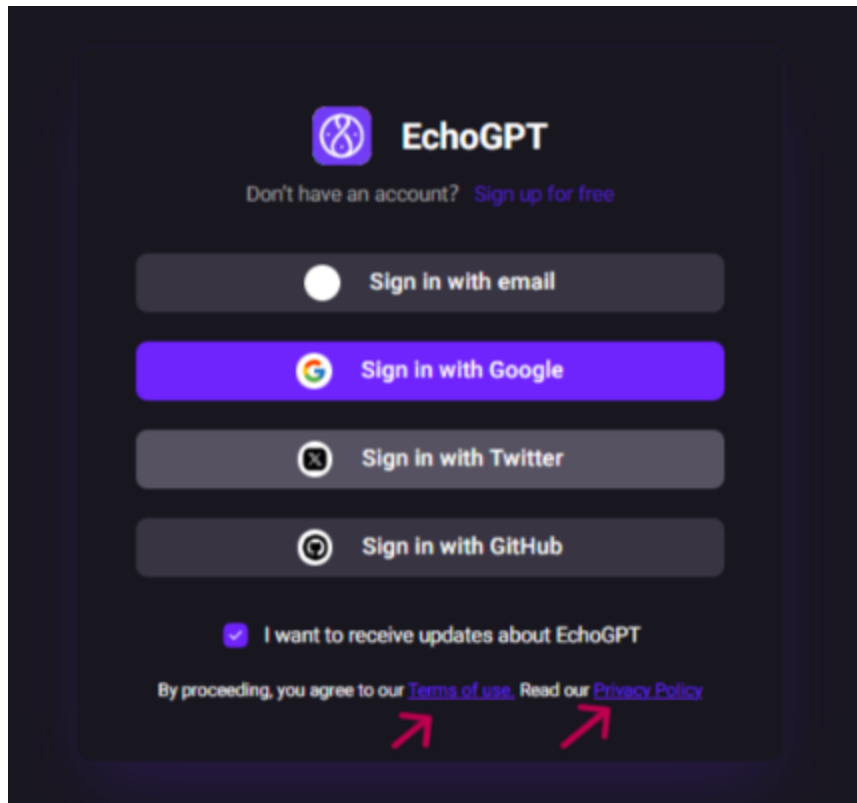
This screenshot shows the EchoGPT sign-up interface at the OTP verification stage. The 'First Name' and 'Last Name' fields are no longer visible. The 'Email' field is also absent. A new 'Enter OTP' field is present, followed by a purple 'Verify OTP' button. The 'Or continue with' section with Google, Apple, and Facebook buttons remains. The checkbox for 'I want to receive updates about EchoGPT' is still checked, and the footer with 'Terms of use' and 'Privacy Policy' links is at the bottom.

screenshot 3: application attempting to send OTP

- **Medium Severity (1):**

BUG-001: Privacy Policy & Terms of Use links not clickable

Bug ID: BUG-001	
Title:	Privacy Policy & User Agreement links not clickable
Severity:	Medium
Priority:	High
Environment:	Windows 11, Chrome v126
Steps to Reproduce:	1.Go to EchoGPT website 2. Navigate to the Sign-In page 3. Scroll to the bottom where "Privacy Policy" and "Terms of Use" links are displayed 4. Try clicking on the links
Expected Result:	Both links should be clickable and redirect to the respective documents/pages.
Actual Result:	Links are displayed as text only



4. Overall Quality Assessment

Strengths:

- Core sign-up and authentication with Google/GitHub are functioning correctly.
- OTP validation logic for correct, wrong, and length cases is mostly working.
- Non-functional aspects (load time, layout responsiveness, browser compatibility) performing as expected.

Weaknesses:

- Some critical usability gaps exist: Duplicate email handling is missing, Twitter login fails, and legal document links are not accessible.
- OTP wrong input handling shows inconsistent behavior (redirects home instead of showing a warning).

Recommendations for Improvement

Bug Fixing Priority:

- Fix duplicate email validation to prevent multiple accounts.
- Resolve Twitter authentication integration.
- Ensure Privacy Policy & Terms links are clickable and accessible.

Usability Enhancements:

- Show proper warning messages for invalid/wrong OTP.
- Add exit confirmation on back button press to prevent accidental app closure.

The overall quality of the sign-up feature is fair but not production-ready due to the presence of critical issues (Twitter login, duplicate email, policy links). Addressing these defects and improving error handling will significantly enhance user experience and reliability.