

Test Execution Report - EchoGPT Sign-Up Feature

1. Summary

This report summarizes the execution of test cases designed for the EchoGPT sign-up feature. Both functional and non-functional aspects were tested. Evidence includes screenshots captured during execution.

2. Execution Statistics

- Planned Test Cases: 27
- Executed Test Cases: 27
- Passed: 18
- Failed: 5
- Partial Passed: 4

3. Defects Identified

During execution, the following defects were identified:

1. Accept numeric values in the first name field.
2. Accept numeric values in the last name field.
3. Accept registered email.
4. Invalid and expired entries are not accepted; instead, exit from the sign-up page to the home page.
5. OTP works after 2 minutes.
6. After entering a wrong OTP once to test if the system blocks brute-force OTP attempts after multiple failures, the page reloads and redirects to the home page.
7. The signup page shows extra zooming in Chrome and Firefox compared to Edge.

4. Categorize by Severity

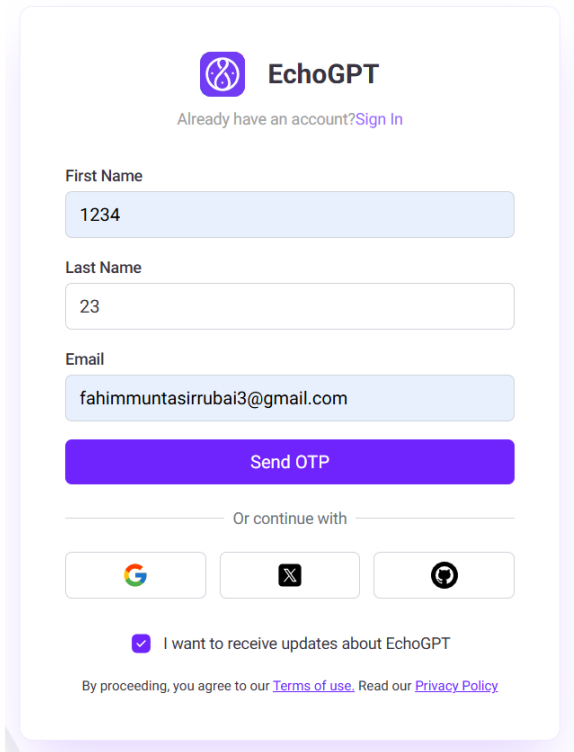
(from bug report):

1. High Severity: 5
 - Numeric values accepted in First/Last name fields
 - Duplicate email registration allowed
 - OTP invalid handling redirects incorrectly
 - Expired OTP not handled properly
 - OTP delay (>2 min) still accepted
2. Medium Severity: 2
 - System accepts OTP after timeout without error
 - Expired OTP UI issue (redirect instead of error message)
3. Low Severity: 2
 - Extra zooming issue on the signup page in Chrome vs Edge
 - UI misalignment in browser compatibility

5. Test Evidence

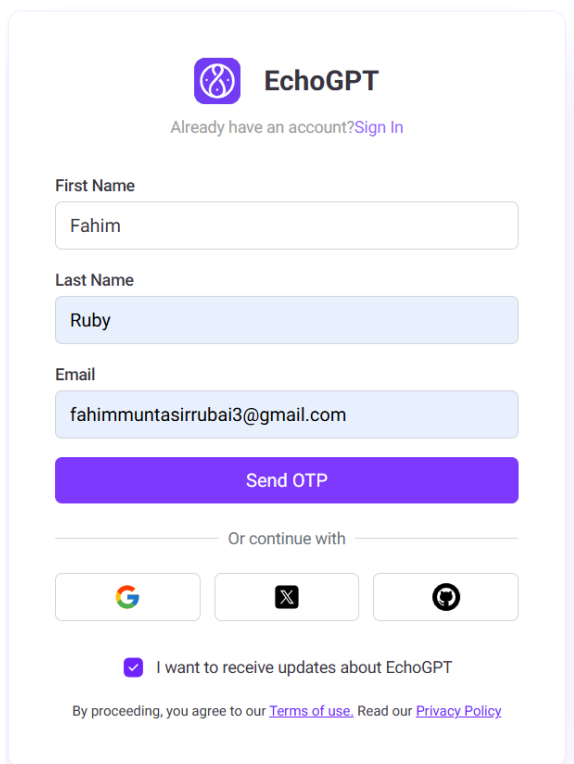
The following screenshots were captured as execution evidence:

1. Accept numeric value in the name field



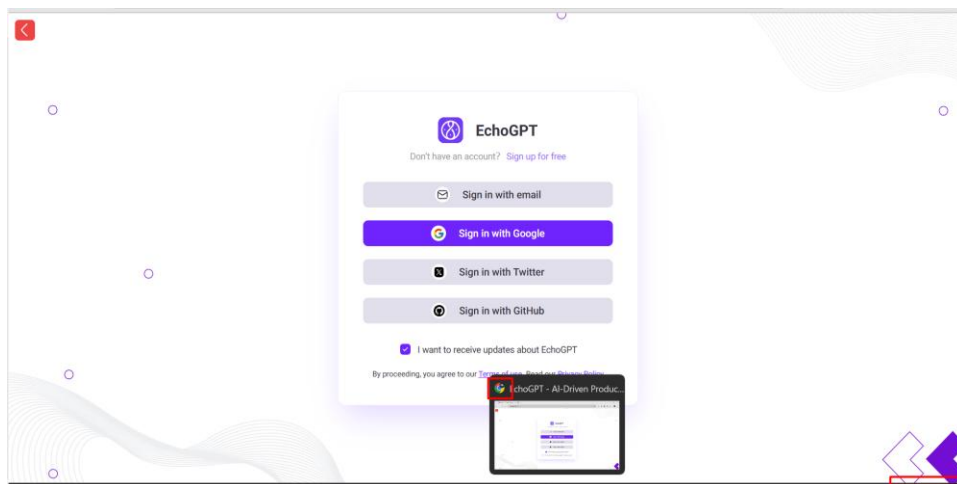
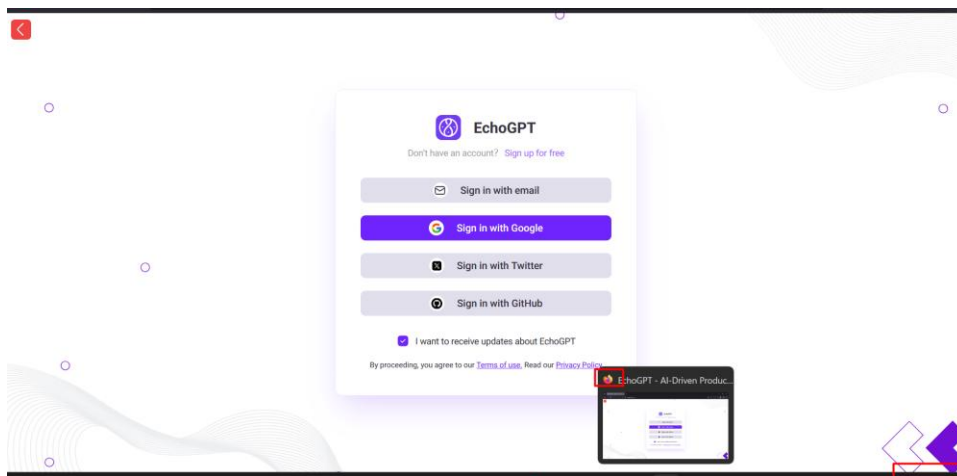
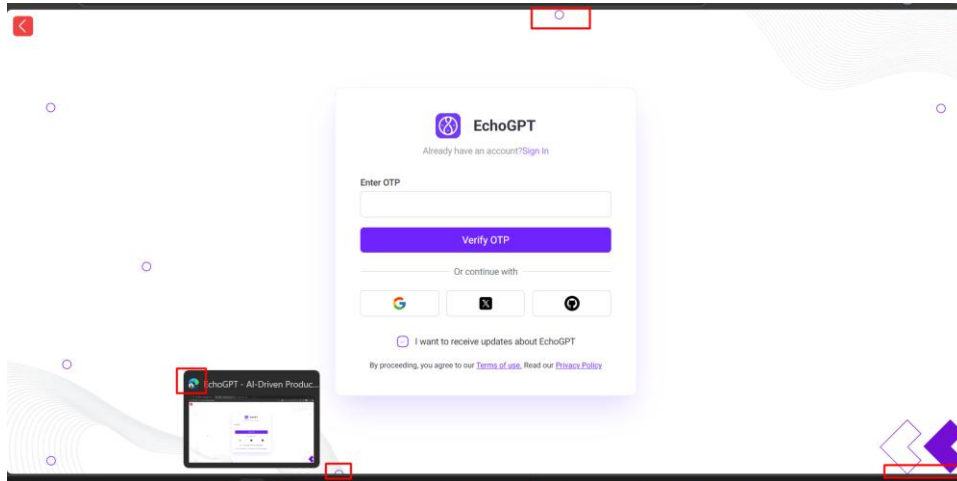
The screenshot shows the EchoGPT registration page. At the top is the EchoGPT logo and the text "Already have an account? [Sign In](#)". Below this are three input fields: "First Name" containing "1234", "Last Name" containing "23", and "Email" containing "fahimmuntasirrubai3@gmail.com". A blue "Send OTP" button is positioned below the email field. Underneath the button is the text "Or continue with" followed by three social login options: Google, X, and GitHub. At the bottom, there is a checked checkbox for "I want to receive updates about EchoGPT" and a line of text stating "By proceeding, you agree to our [Terms of use](#). Read our [Privacy Policy](#)".

2. Accept registered email



This screenshot is identical to the one above, showing the EchoGPT registration page. The "First Name" field now contains "Fahim" and the "Last Name" field contains "Ruby". The "Email" field still contains "fahimmuntasirrubai3@gmail.com". The "Send OTP" button and the rest of the page content remain the same.

3. The signup page shows extra zooming in Chrome and Firefox compared to Edge.



6. Expected Vs Actual Result

| Test Case ID | Expected Results | Actual Result |
|--------------|---|---|
| TC_1 | Account created successfully, redirected to dashboard | As Expected |
| TC_2 | Account created & user logged in | As Expected |
| TC_3 | Account created & user logged in | As Expected |
| TC_4 | Account created & user logged in | As Expected |
| TC_5 | Error shown: invalid email | As Expected |
| TC_6 | Error shown: email required | As Expected |
| TC_7 | Error shown: First name required | As Expected |
| TC_8 | Error shown: Last name required | As Expected |
| TC_9 | Error shown: invalid first name | Accept numeric value |
| TC_10 | Error shown: invalid last name | Accept numeric value |
| TC_11 | Error: Email already exists | Accept registered Email |
| TC_12 | Error: Invalid OTP | Not accepted but exit from sign-up page to home page |
| TC_13 | Error: OTP expired | Not accepted but exit from sign-up page to home page |
| TC_14 | Error: OTP required | As Expected |
| TC_15 | Error: Invalid OTP length | As Expected |
| TC_16 | Only latest OTP valid | As Expected |
| TC_17 | Signup success without subscription | As Expected |
| TC_18 | OTP arrives <30s | As Expected |
| TC_19 | Warning if OTP delay >2 min | Still accepted after 2 minutes |
| TC_20 | System handles load | System handles load without any failed request |
| TC_21 | Clear error message shown | As Expected |
| TC_22 | All unique OTPs | As Expected |
| TC_23 | Account lock / captcha | After entering a wrong OTP once, the page reloads and redirects to the home page. |
| TC_24 | Signup works | The signup page shows extra zooming in Chrome compared to the Edge browser. |
| TC_25 | Signup works | The signup page shows extra zooming in Firefox compared to the Edge browser. |
| TC_26 | Signup works | As Expected |
| TC_27 | UI responsive, functional | As Expected |

7. Overall Quality Assessment

The EchoGPT sign-up feature is functional and usable via multiple sign-up methods (Email OTP, Google, Twitter, GitHub). However, improvements are required in error handling, rate limiting for OTP requests, and duplicate email handling to ensure robustness and security.