Bug Report & Test Execution Evidence

Product: EchoGPT   **Module:** Session Management
Reporter: Samiul Islam   **Date:** August 25, 2025
Environment: Chrome 117/ Stable internet   **Build:** Public web (echogpt.live)

1. Bug Report

Bug ID	BUG TC034
Title	Session does not expire after 15 minutes of inactivity
Severity	Medium
Priority	High
Status	New
Component	Session Management
Detected In	Production (Public Site)
Reported By	Samiul Islam
Date Reported	August 25, 2025

Preconditions

- User is logged in via a valid account (e.g., Google Sign-In).
- Browser session is active.
- Stable internet connection.

Steps to Reproduce

1. Login to EchoGPT with a valid account.

2. Remain inactive in the application for 15 minutes (do not click, scroll, or interact).

3. Observe session behavior.

Expected Result

- After 15 minutes of inactivity, session should automatically expire.
- User should be redirected to the login page.

Actual Result

- Session remains active even after 15 minutes of inactivity.
- User is not logged out automatically, allowing continued access without re-authentication.

Impact

- **User Impact:** Unattended sessions remain active, potential security risk.
- **Business Impact:** Security vulnerability in session management.
- **Risk:** Medium, affects user account safety.

Reproducibility

Observed consistently ($\geq 3/3$ attempts) on the reported environment.

Attachments

- Screenshot: *(attach screenshot showing user still logged in after 15 minutes of inactivity).*
- Optional video: screen recording of inactivity period.

Workarounds (if any)

- User can manually log out to terminate session.
- No automatic session timeout workaround available.

Notes / Comments

- Potential security risk if unattended sessions remain active.
- Backend session management or frontend session timer may need investigation and fix.

2. Linked Test Case Execution

Test Case: TC034_SESSION_TIMEOUT

Title	Verify session timeout after 15 minutes of inactivity
Preconditions	User logged in; active session.
Priority	High
Type	Non-Functional (Security / Usability)

Test Steps and Results

1. Login to EchoGPT.   **Result:** Pass

2. Remain inactive for 15 minutes.   **Result:** Fail

3. Observe session behavior.   **Result:** Fail

Expected: Session should expire and user redirected to login.
Actual: Session remains active; no logout occurs.
Outcome: Fail   (*Defect linked:* BUG-TC034)