OPEX LANDING PAGE WEBSITE BUG REPORT
Bug report based on the Mochawesome JSON (Run: 2026-01-18 20:04:29Z - 20:06:39Z)

Test run summary: 16 tests executed, 14 passed, 2 failed (87.5% pass rate). Total runtime was 130,692ms (~2m 10.7s).

1) Stored XSS acceptance via User Enrollment form

Severity: Critical
Test case: [SECURITY][XSS] test user enrollment form for cross-site scripting vulnerability
Status: Failed
Duration: 25,401ms
Evidence from run: The assertion explicitly expected the page **not** to contain "Registration Confirmed", but Cypress found it and timed out, meaning the registration succeeded even under malicious input conditions. Error: expected ... not to contain 'Registration Confirmed'.
Impact: If XSS payloads are accepted during registration and stored/processed, this can enable stored XSS, account takeover via session theft, admin panel compromise, and persistent malicious script execution when records are viewed.
Evidence: BUG Artifacts
Suggested next action: Server-side validation + output encoding; block script/HTML payloads; verify DB storage and any admin/customer views that render user-provided fields.

2) Footer Subscription API not triggered / Subscribe flow non-functional

Severity: High
Test case: [REGRESSION][FOOTER] tests footer subscription box functionality
Status: Failed
Duration: 9,346ms
Evidence from run: Cypress waited for an intercept alias subscribeRequest, but **no request occurred** within timeout. Error: cy.wait() timed out... No request ever occurred.
Impact: Users cannot subscribe (lead capture failure), reduced conversions, broken marketing funnel, and likely a regression in either the button click binding, form validation, or endpoint routing.
Evidence: BUG Artifacts
Suggested next action: Confirm click handler fires, confirm correct endpoint URL, check if request is blocked by client validation, CSP, adblock-like behavior, or missing environment config.

Additional observations (non-bug, run health)

- No skipped or pending tests (0).

- "Industries navigation" passed in this run (it previously failed in an earlier run you shared), which suggests prior failure was likely environment/UI timing instability rather than a consistently broken feature.

- Longest test durations:

    o Enrollment XSS test (failed): 25.4s

    o Industry-based training flow (passed): 17.1s

    o Who We Are navigation (passed): 14.6s
       This delay was due to long UI workflows which are more prone to timing variance.

BUG REPORT
Mochawesome JSON report contains failing tests in landingPage.cy.js run on 2026-01-18

Environment

- Test framework: Mocha 7.2.0

- Github Actions: [Landing Page Automated Test Repo](#)

- Test Automation Tool: Cypress 15.0

- Reporter: mochawesome 7.1.4 (JSON enabled, HTML disabled)

- Merge tool: mochawesome-merge / marge 6.3.2 (JSON output enabled)

- Spec file: cypress/e2e/landingPage.cy.js

- Run window: 2026-01-18 20:04:29Z to 20:06:39Z (duration 130,692 ms)

- Total: 16 tests, 14 passed, 2 failed, 0 pending

Steps to Reproduce

1. Run the Cypress suite that generates a mochawesome JSON report for cypress/e2e/landingPage.cy.js.

2. Execute the suite "Testing Opex landing page test features".

3. Observe results for the following tests:
   in the reports folder or GitHub artifacts, find the following

   o "[SECURITY][XSS] test user enrollment form for cross-site scripting vulnerability"

   o "[REGRESSION][FOOTER] tests footer subscription box functionality"

Expected Result

1. XSS enrollment form test should confirm the application does not display a successful registration message when malicious input is provided. Specifically, the page should not contain "Registration Confirmed".

2. Footer subscription test should trigger the subscription request and allow the test to successfully wait for the aliased route "subscribeRequest" within the timeout.

Actual Result

1. XSS enrollment form test failed: assertion timed out after 4000 ms because the page body still contained "Registration Confirmed" when it was expected not to.

   o Location: [BUG Artifacts](#)
   Screenshot recorded: [BUG Artifacts](#)

2. Footer subscription test failed: cy.wait() timed out after 5000 ms waiting for the first request to the route alias "subscribeRequest"; no request occurred.

   - Runner reference: [BUG Artifacts](#)
   - Screenshot recorded: [BUG Artifacts](#)
   Suggestion / Recommendation

FINDINGS SUMMARY

During the latest automation run (16 tests, 87.5% pass rate, ~2m 11s total), two issues were reproduced. First, the user enrollment form accepted an input scenario that should have been rejected under XSS security validation; the registration completed successfully ("Registration Confirmed"), indicating a high likelihood of stored XSS acceptance (critical severity). Second, the footer subscription workflow did not trigger the expected subscription network request at all, suggesting the subscribe action is not firing or the endpoint is not being called (high severity).