Out-of-the-Box Functional & UX Test Plan for explorer.blockcontrol.xyz

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1. Test Summary

This document outlines the Out-of-the-Box testing conducted on https://explorer.blockcontrol.xyz/ to verify the default user experience and core functionality for a first-time visitor.

2. Environment Details

Parameter Value

Browser Brave v1.77.100 (Chromium), Microsoft Edge v135.3179.85, Firefox

137.0.2

OS Windows 11

Device Desktop (1920x1080)

Network WiFi (normal speed)

Environmen https://explorer.blockcontrol.xyz/

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3. Checklist for BlockControl Website

Legend: 🔽 Passed | 🔴 Passed with issues | 🗙 Failed

Environment Setup

- **V** Use a clean browser (incognito or cleared cache)
- V Test on supported browsers (Chrome [Brave], Firefox, Edge)
- Test on supported desktop
- X Tablet and mobile cannot open link, but responsive design works in DevTools
- Page loads over correct environment (production)

(Initial Access / Launch

- Website loads successfully without manual configuration
- V Domain resolves correctly
- V HTTPS/SSL is valid (RSA 2048, SHA256) checked via SSL Labs
- V Favicon is displayed (PC)
- Console errors in DevTools (see Pipe #1)
- V No 404/broken homepage links

First-Time User View

- M Homepage renders correctly
- VI ul elements (header, footer, search bar, recent blocks/transactions) are visible
- V Fonts/images load properly
- No layout issues on desktop
- Cookie consent pop-up unclear (no cookie collection detected)

Default Functionality

- Search bar works without login
- X Terms, Legal & Privacy links not accessible
- Scroll, animations, modals work as expected

* Error Handling

- Invalid URLs trigger custom 404 page
- V Network offline mode shows fallback

Performance Snapshot (WebPageTest – Mozilla, Frankfurt)

Load Time: 0.152s
Total Blocking Time: 0s
Performance: Not bad
Usability: Not bad

• Resilience: Great

SEO: Bad

4. Issues Found

🐛 Bugs

- 1. Homepage Background Change Random color shift (green to black)
- 2. Unclickable Footer Links Terms, Legal & Privacy are unresponsive

3. Date Picker Overlap – First date partially covered by second date

🚧 Pipes (Technical/Visual Bugs)

- Pipe #1: React error #418 in DevTools on initial load
- Pipe #2: Clicking the logo does not return user to homepage
- Pipe #3: Footer text misaligned
- Pipe #4: Reset button clears search but not dates
- Pipe #5: Mobile footer background color is too bright (should be dark green)
- Pipe #6: Search field requires "#" before numbers, unclear UX

5. Test Conclusion

Overall Outcome:

The website is functionally solid for desktop users with a strong user experience, fast loading times, valid SSL, and a clean UI layout.

Partially Functional Elements:

- Console errors present
- Footer and legal links non-functional
- Minor UI overlap in date picker
- Cookie pop-up has no clear behavior
- Mobile view has alignment and color inconsistencies
- Reset button does not reset all inputs
- Logo lacks return-to-home functionality

X Not Functional:

- Legal and privacy links inaccessible
- Visual/UI bugs on mobile/tablet impact usability

X Recommendation:

Fix UI and accessibility bugs, especially for mobile. Conduct regression testing after fixes. Ensure legal compliance.

Conclusion:

Status: Partially Passed

Readiness: Suitable for desktop use; improvements needed for mobile support and

compliance