

Dev Tools + Monitoring Batch — Final Status

Full session summary — research, builds, fixes, verification, production changes

TRIGGER	SESSION	PRS MERGED TO MAIN
USPTO Section 508 pre-sale evaluation	Overnight, 2026-07-18 → 2026-07-19	2 (abilyo CLI/linter only)
DRAFT PRS AWAITING REVIEW		
13		

1. Why this happened

A discovery-call transcript with USPTO's Section 508 team revealed an **active pre-sale evaluation**, not a signed deal. Two claims made on that call didn't hold up against the codebase — a "configurable recurring scan" claim was false (only fixed-monthly existed), now fixed and live. Competitive research (BrowserStack, Deque, TestMu, AudioEye, Siteimprove) found the clearest gap: nobody in our stack had a source-code IDE linter or CI/CD CLI. That became the anchor for the rest of the batch.

2. Merged to production

WHAT	REPO	STATUS
CLI version/error-handling/SARIF fixes	abilyo	Merged
IDE static-code linter MVP (12 rules)	abilyo	Merged
site_monitoring_settings schema (configurable scan cadence)	Production DB	Applied directly

The scan-frequency schema was applied directly to **production** MySQL (1835 sites backfilled, jittered), then end-to-end verified live via real GraphQL calls against api.webability.io. The **hourly** option was added then **reverted** per a later product decision (no plan-tier gating existed for it) — confirmed zero rows were affected before narrowing the enum back.

3. Draft PRs awaiting review (nothing else merged)

PR	WHAT	DEPENDS ON
#478	Configurable per-site scan frequency (backend)	—
#482	Thundering-herd/overlap/failure-backoff fix for #478	#478
#485	Hourly option (backend) — superseded, hourly later removed	#482
#486	Frequency picker UI (now hourly-free, proper MUI dropdown)	—
#488	"Site settings" entry point in My Sites actions menu	#486
#489	Plan/Billing vs Monitoring tab separation (IA fix)	#488
#479	Developer Tools dashboard stub	—
#487	MCP usage analytics + telemetry allowlist bug fix	#479
#490	"Monitor Pages" card copy fix (was falsely "Coming soon")	#487
#480	Scan snapshot + diff + email digest	—
#481	Slack integration via Composio	—

#491	AppSumo webhook cancel-guard fix	—
#492	Notification toggle restyle (brand blue, was hardcoded green)	—
#493	AppSumo frontend status-source fix	—
#494	Per-site scan scope (homepage/full-site/specific-pages) + caching	#478 chain

4. Real bugs found and fixed tonight

4a. Recurring-scan claim (verified false, then fixed)

Sales call claimed configurable daily/7-day cadence existed. Verified false via code audit. Now genuinely true — PR #478/#482, applied to production.

4b. Monitoring stacked under the checkout button

Original UI put the scan-frequency control directly below a Stripe checkout card — read as part of the billing flow. Fixed with a proper Plan/Billing vs Monitoring tab split (#489).

4c. No discoverable entry point

The fixed tab UI had no way to reach it from anywhere in the dashboard — only via hand-typed URL. Fixed by adding "Site settings" to the existing My Sites actions menu (#488).

4d. Native unstyled dropdown

The frequency picker used a plain HTML `<select>`, rendering as the browser's default black dropdown — completely disconnected from the app's design. Fixed with the app's actual MUI Select component, matching existing conventions (#486).

4e. AppSumo webhook guard gap (systemic, not test-account-only). The `customer.subscription.deleted` Stripe webhook handler had no AppSumo guard — any lifetime AppSumo customer whose account had any Stripe subscription (even stray/legacy) deleted would get incorrectly marked "Expired." Root cause traced with real prod DB evidence. Fixed to mirror the sibling handler's existing correct guard (#491). Frontend also fixed separately — it was parsing Stripe description text instead of using the real `isAppsumo` field already returned by the API (#493).

4f. Notification toggles using hardcoded off-brand green

Custom hand-built toggle component, never wired to the app's established MUI Switch pattern. Fixed (#492).

4g. "Monitor Pages" scope gap — biggest open product question. Confirmed via code citation: scheduled monitoring only ever scanned a site's single homepage URL, never the whole site, despite the feature being called "Monitor Pages." A real whole-site crawler existed elsewhere in the codebase but was never wired into the monitoring cron. Built as a follow-up (#494): per-site scan scope choice (homepage/full-site/specific-pages), gated to active paid Stripe plans only (not AppSumo, not trial/free/expired), reusing the existing content-hash page cache so repeat scans don't waste cost re-scanning unchanged pages.

5. Chrome extension (Edge Add-ons)

- Found and fixed a real pre-existing bug: manifest declared SVG icons, which extension manifests don't support (raster only) — would have broken icon rendering or certification on **both** Chrome and Edge stores
- Package built, real screenshots captured of the extension actually running (via Playwright + bundled Chromium, after chrome-devtools/claude-in-chrome hit a native-file-picker automation limit)
- Promotional tiles built matching real brand tokens (corrected from an initial wrong purple to the actual brand blue #0052CC), WCAG-AA contrast-verified
- Fixed a second real bug caught live during submission: `short_name` exceeded Edge's 12-character limit
- Submission content (description, permission justifications, search terms, certification notes) drafted — actual submission click is yours

6. Infrastructure gaps found

- **No brand guidelines document existed anywhere** — created `BRAND.md`. Found real color drift: 4 different "brand blue" hex values across repos, `pitch-deck` has zero actual brand colors wired (silently falls back to

generic defaults)

- **Prod migrations aren't auto-applied** — confirmed and worked around directly for the scan-frequency schema; the same in-place-migration-edit pattern (#482 editing #478's migration file) will recreate this exact gap on any future deploy unless changed

7. Explicitly parked / not done

- Figma plugin for design-stage alt-text — no customer signal it's needed
- AI chat assistant panel — parked idea, not started
- USPTO trial account + sample reports send — needs you directly, external communication
- AppSumo prod data repair for the specific corrupted test-account row — needs your explicit go-ahead (real prod write)
- Scope investigation — how many real customers were affected by the webhook gap historically — not run
- Real-user telemetry (widget-based continuous monitoring, AudioEye-style) — confirmed multi-day project, conflicts with the "light widget" constraint, needs your product decision before any build
- Monitor Pages vs. legacy monthly-report system unification — two parallel systems now exist, logged for a later product pass

Generated at the end of the session · Nothing beyond the abilyo CLI/linter PRs and the direct production schema change was merged or deployed · All other draft PRs await your review