CSC Adherence Timer — Project Continuation Kit (v0.5-build1 baseline)

A lean, copy-pasteable project brief you can drop into any new ChatGPT thread so we don't lose the plot when the old one bloats and stalls.

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1) Snapshot

- **Project**: CSC Adherence Timer (PWA-ish web app)
- **Baseline**: **v0.5-build1** (formerly r50; r51 was reverted)
- **Repo**: https://github.com/aeger/CSC-Timer
- **Core features in scope**:
- Single model inline editor for all edits
- Toast notifications (position adjustable, sensible duration)
- Duration awareness (event lengths), accessibility upgrades, offline persistence
- iCal export (export only; no iCal import)
- Simple analytics/adherence summary with a graph
- Planner layout: edit drawer slides open above current schedule (legacy behavior restored)
- **Non-goals**: iCal import; anything requiring server-side code

2) File manifest (authoritative)

```
/ (root)
  index.html
  styles.css
  app.js
  sfx.js
  sw.js
  manifest.webmanifest
  demo-week-schedule.json
  README.md
  start_webserver.bat
  android-chrome-192x192.png
  android-chrome-512x512.png
  apple-touch-icon.png
  favicon.ico
  favicon-16x16.png
  favicon-32x32.png
  logo.png
  screenshot-wide.png
```

```
    /sounds/
      (audio assets)
```

/ (root) index.html styles.css app.js // core app logic sfx.js // audio handling sw.js // caching/offline; skip on file:// manifest.webmanifest /assets/ /icons/ … /fonts/ … /data/ demo-schedule.json // seeded demo week / vendor/ howler.min.js (if used)

```
## 3) Build & run
- Use a local web server (secure origin) for PWA bits.
  - Windows: `start_webserver.bat` (serves current dir)
  - Or: `python -m http.server 5173` then open http://localhost:5173
- Service worker is `sw.js`. It, install prompts, and caching do **not** work on
`file://`.

## 4)  Current known issues & decisions
- Toasts: duration felt too short; placement should be middle or top-middle.
- Edit UX: keep the legacy slide-open editor above schedule; unify with inline
model.
- Offline: ensure persistence without assuming network; SW must not stale-serve
dev builds.
- Accessibility: keyboard nav, focus traps in editor, ARIA roles for timeline
and toasts.
- Timeline fill sometimes fails to hit 100%; add visual indicators and rounding
fixes.
- Planner scaling at narrow widths needs responsive cleanup.
- Theme: optional BD-inspired gradient header.

## 5) Pending tasks
- [ ] Implement unified inline editor component (create/update) with validation.
- [ ] Toasts: position and duration config, queueing, reduced motion fallback.
- [ ] Duration awareness in summaries; per-event length shown in UI.
- [ ] Offline persistence: IndexedDB or localStorage; reconcile with SW caching.
- [ ] iCal **export** for current schedule/week.
- [ ] Analytics: adherence % by day/week + tiny chart component.
- [ ] Responsive fixes for planner at smaller widths; test at 320/480/768/1024.
- [ ] Accessibility: tab order, skip links, aria-live for toasts, color
contrast.

## 6) Data model (sketch)
```ts
// schedule.json example shape
{
  "profile": "default",
  "weekStart": "2025-09-08",
  "events": [
    {
      "id": "evt_123",
```

```
      "title": "Break",
      "start": "2025-09-09T10:30:00-07:00",
      "end":   "2025-09-09T10:45:00-07:00",
      "status": "break", // break|c2c|available|other
      "notes": "Optional"
    }
  ]
}
```

7) Acceptance checks

- Editing an event updates the timeline immediately and persists across reloads.
- Toasts appear top-middle, readable for at least 3–4 seconds, queued without overlap.
- iCal export downloads a .ics representing visible schedule with correct TZ offsets.
- Analytics shows adherence % and total duration by status for selected range.
- Works on localhost with service worker enabled; degrades gracefully without SW.

8) Change request template (paste this when asking for changes)

```
# Change Request (CSC Adherence Timer)
Baseline: v0.5-build1
Objective: <what outcome you want>
Affected files: <list>
Details:
- <bullet 1>
- <bullet 2>
Acceptance:
- <bullet tests>
Notes: <constraints or context>
```

9) "Full file" update protocol

- When files are rewritten, return **entire file contents** with a header comment including version and date.
- Prefer minimal diffs for small edits, but always include a final full-file block per changed file so the app can be rebuilt safely.

10) Zip + checksum

- Bundle deliverables as `csc-adherence-timer-v0.5-build1.zip` and provide SHA-256.
- Windows PowerShell:

```
Compress-Archive -Path index.html, styles.css, app.js, sfx.js, sw.js,
manifest.webmanifest, demo-week-schedule.json, android-chrome-192x192.png,
```

```
android-chrome-512x512.png, apple-touch-icon.png, favicon.ico,
favicon-16x16.png, favicon-32x32.png, screenshot-wide.png, logo.png,
sounds, README.md, start_webserver.bat -DestinationPath csc-adherence-
timer-v0.5-build1.zip
Get-FileHash csc-adherence-timer-v0.5-build1.zip -Algorithm SHA256
```

• macOS/Linux:

```
zip -r csc-adherence-timer-v0.5-build1.zip ./
shasum -a 256 csc-adherence-timer-v0.5-build1.zip
```

11) New-chat bootstrap header (paste this at the top of any new thread)

```
PROJECT: CSC Adherence Timer — build1 baseline
VERSION: v0.5-build1
REPO: https://github.com/aeger/CSC-Timer
NEEDS FROM YOU:
1) Acknowledge v0.5-build1 baseline and file manifest above.
2) Read "Known issues & decisions," "Pending tasks," and "Acceptance checks."
3) Implement the following Change Request(s): <insert template from §8>.
OUTPUT FORMAT:
- Full updated files in code fences with filenames.
- A zipped package named csc-adherence-timer-v0.5-build1.zip + SHA-256.
- Brief changelog.
```

PROJECT: CSC Adherence Timer — v0.5-build1 baseline NEEDS FROM YOU: 1) Acknowledge v0.5-build1 baseline and file manifest above. 2) Read "Known issues & decisions," "Pending tasks," and "Acceptance checks." 3) Implement the following Change Request(s): <insert template from §8>. OUTPUT FORMAT: - Full updated files in code fences with filenames. - A zipped package + SHA-256. - Brief changelog. ```

12) Changelog (start here)

• v0.5-build1: new authoritative baseline from user's uploaded r50 package; standardized headers; manifest/title/cache version updated; file manifest corrected; service worker filename is `sw.js`.
• r50: previous baseline; r51 discarded.

Notes for future me (and future ChatGPT)

• Keep this brief under ~2,000 words so it fits cleanly in context windows.
• Don't paste massive images or logs unless vital; link or attach zips instead.

- When a thread lags, start a new one with the **New-chat bootstrap header** and attach the latest `csc-adherence-timer-v0.5-build1.zip`.