Cheryl Burris
EDIT 891-2
11 May 2026

Feature Matrix: Failure Mode Column
Supplement for Failure Taxonomy v2.1 (4 May 2026)

STATUS: Closes BS-1. All assignments are provisional pending evaluation in the next phase.

Levels assigned:

- L1: Session failure
- L2: Functional failure
- L3: Design failure

ADHD-v and ASD-v variants are noted where the population-specific failure mode differs. See Failure Taxonomy v2 for full definitions and observable indicators.

Level key:

- L1: Session failure → planner used; no usable plan produced
- L2: Functional failure → planner used correctly; no behavioral change
- L3: Design failure → planner works; change is in the wrong direction

Feature	Version	Level(s)	Population-specific notes and flags (next phase)
Estimate vs. actual time capture	v2	L2	L2 ADHD-v: calibration loop never closes. Estimate-to-actual gap persists across four or more weeks; time awareness not improving despite repeated prompts.
Session anchor / initiation ramp	v2	L1 L3	L1: session abandoned after anchor prompt; no plan entered L3: initiation scaffold becomes a dependency. User cannot begin a session without the anchor prompt. Scaffold substitutes for initiation capacity rather than building it.

Priority field (P1/P2/P3)	v3.1	L1 L2	L1: task entry initiated but priority not assigned ; partial entry, no plan. L2: prioritization is applied consistently but is externally imposed. User follows system priority without internalizing the reasoning. Prioritization does not generalize.
Weekly Prep Ritual (AI)	v2	L2 L3	L2: ritual completed and output generated but not acted on across multiple sessions. L3: AI output accepted without revision in more than 80% of sessions. User stops authoring the plan and starts receiving it. Agency erosion risk. Monitor in Phase 4.
Pomodoro timer	v2	L1 L2	L1: timer started but session abandoned before first break. L2 ADHD-v: timer used during session; execution loop between plan and performance does not close. NOTE (V6-2 minimize): L2 ADHD-v extension; timer minimized persistently removes time-pressure signal that produces arousal needed for task initiation. Session engagement may drop when timer is not visible. Monitor in Phase 4.
Overdue task quiet prompt (v4)	v4	L1	L1 ASD-v: prompt dismissed across three or more consecutive sessions; overdue tasks remain unaddressed. Quiet prompt does not produce scheduling behavior.
Orphan recovery / Check-in prompt	v4	L1 L2	L1: prompt dismissed; orphan tasks remain unscheduled session after session. L2: prompt acted on in session but orphan task accumulation rate does not decrease over time. Recovery mechanism is not changing the planning behavior that produces orphans.
Sensory-Social Demand Check-In (v4 / ASD path)	v4	L1	L1 ASD-v: check-in completed and interface responds (calm or minimal mode enabled), but session is abandoned before any tasks are entered. Check-in produces interface adjustment, not planning behavior.
Calm Mode toggle (v4)	v4	L2 L3	L2: calm mode enabled consistently but self-efficacy and planning quality do not improve. L3 ASD-v: Calm Mode becomes a required precondition. Any session without Calm Mode active triggers distress. Design feature has become a safety object. **NOTE (V6-B, calmMode additive-only): new** L3 ADHD-v risk — user selects Scattered habitually to obtain calm interface, not because they are scattered. The check-in stops measuring arousal state and starts functioning as a preference override. State self-report becomes unreliable as a Phase 4 measurement instrument. FLAG: direct threat to check-in validity in Phase 4.

Recovery and Re-Entry Flow (P8 / ASD pattern)	v4	L1	L1 ASD-v: re-entry screen completed and a task is selected, but no actual work is resumed. Re-entry ritual does not translate to performance-phase engagement.
Rescope modal / Pace modal	v4	L2	L2 ASD-v: rescope triggers distress when plan deviation is named explicitly. The modal's language surfaces the gap between plan and performance, which is the intended function. But, for some ASD users, this amplifies distress rather than supporting adaptation.
AI task chunking	v2	L3	L3 (both populations): AI chunking replaces user judgment about task decomposition. User stops authoring task structure and defers to AI output. Self-authorship erodes.
ADHD Cognitive Load Check-in (V5-1)	v5	L1 L2 L3	L1: check-in completed but session abandoned before threshold; check-in produces no plan. L2: interface mode changes correctly (Scattered → calm) but regulation behavior does not change; quieter interface does not reduce cognitive load in practice. L3 ADHD-v: user begins selecting Scattered habitually not because they are scattered but because they prefer the calm interface. Check-in stops measuring arousal state; functions as a preference override. State self-report becomes unreliable as a Phase 4 measurement instrument. **FLAG:** direct threat to check-in validity.
Inline Orphan Scheduling Panel (V5-2 / V6-1)	v5 v6	L1 L2	L1: panel opened, all tasks skipped via Skip button, no dates assigned; orphan tasks remain; prompt dismisses as if resolved. L1: dates assigned in panel but tasks not consulted during session; scheduling behavior present, execution loop absent. L2: panel used correctly across multiple sessions; orphan tasks accumulate at same rate; recovery mechanism is not changing the planning behavior that produces orphans.
AI Suggestions on Agenda view (V6-4)	v6	L3	L3: AI suggestions accepted without revision. Agenda is the most structured system-generated surface; AI suggestions here carry higher authority-displacement risk than on Today or This Week. L3 ASD-v (new variant): AI suggestions accepted because they provide predictability. User stops authoring the agenda structure and defers to AI output to reduce the cognitive demand of deciding. Predictability need exploits rather than supports self-authorship. Design feature works against the population it serves.

Integration note:

- Add a column labeled “Failure mode (by level)” to the feature matrix after the existing columns.

- Copy Level(s) values and population-specific notes from this document.
- Highlighted rows (yellow) contain active measurement threats for the next phase.