

FRONTIERS / REVIEW RECORD

The Overloaded State

Faculty-led changes, decisions and verification

Faculty recommendations take priority when learner preferences conflict. Compatible learner suggestions improve task clarity and organization while retaining demanding reading, independent causal reasoning and unfamiliar transfer. No website publication was requested or performed.

What changed

Keep the measurement populations separate: Enter your calculations and interpretations. The passports supply inclusion rules and dates, not completed answers. Unknown stock and exit counts must stay unknown. Use this ledger in the numerical explanation instead of writing its cells twice.

Build a pilot memo before defending it: Choose one complete Riverbend package. Use concise anchors and reuse learner-authored source notes; the later defense connects them. There is no keyed political priority. Keep the actual deferred offer and each observed versus proposed link visible.

Cost and test the current district pilots: Complete this ledger after W4. Select one operative pilot per district using W3N/W3S, or declare a single alternative whose fictional unit-cost assumptions need director approval. Separate preparation, operational work and independent protection labour; include every additional worker's time. Each district total must be at most 100 hours. An hour allocation or completed task predicts no treatment benefit. Keep the currently selected action consistent with its comparison and stopping rule.

Seven evidence checks include fresh representation practice. Selected checks require a submitted rationale before explanatory feedback. Original artwork, source facts, difficult readings, political alternatives and prior histories remain. Six distinct human-review criteria avoid double scoring; blank planning frames and learner-controlled note reuse support the work without filling in an answer.

Instructor controls and saved work

Code5907 and the existing advanced controls remain. Four added switches independently assign workspaces, written justifications, graph checks and note reuse. The complete set includes the updated backend, source and tests. Schema6 records retain cells, submitted rationales, copy provenance and help openings. Earlier saves are archived intact; revised work requires new submissions.

Verification and limits

The original application JavaScript was executed in a minimal event/API VM with adversarial fixtures. Static rendered markup was checked separately. The backend was tested on an isolated localhost service. These checks do not establish native-browser layout, mobile behavior, keyboard usability, live hosted deployment, classroom timing or learning gains. Writing is recorded for a person to assess; fluency and completion are not semantic mastery.

Engine test record

Method: Actual scripts in the supplied minimal event/API VM; not native-browser, accessibility, backend, semantic-mastery or learning validation.

Fixture boundary: Original S1 authored route responses plus clearly labelled mechanically valid new cells. Passing recording gates is not evidence of learning or answer quality.

Totals

Modules requested: 5

Assembled modules: 5

Tests: 283

Passed: 283

Failed: 0

Completed routes: 5

Correct option branches: 35

Wrong option branches: 105

Started at: 2026-10-13T17:40:00.742Z

Finished at: 2026-10-13T18:18:51.241Z

Tested file

Module: overloaded-state

File: deliverables/Frontiers_The_Overloaded_State.html

Sha256: 594b7e5a13326efa95a4d4d27fd8cbfc4ab318130ba5196d63c564b7d37a890a

Checks: 7

Module route

Module: overloaded-state

Completed: Yes

Steps

Entry 1

Stage: 0

Ready: Yes

Entry 2

Stage: 1

Ready: Yes

Entry 3**Stage:** 2**Ready:** Yes**Entry 4****Stage:** 3**Ready:** Yes**Entry 5****Stage:** 4**Ready:** Yes**Objective count:** 7**Recording only:** Yes**Original fixture:** revision/evidence/responses/s1/overloaded-state/response.json

Module passing tests: seven checks each expose one correct and three wrong options; choice comparison/a records correct and selected feedback; choice comparison/b records wrong and selected feedback; choice comparison/c records wrong and selected feedback; choice comparison/d records wrong and selected feedback; choice scope/a records wrong and selected feedback; choice scope/b records wrong and selected feedback; choice scope/c records wrong and selected feedback; choice scope/d records correct and selected feedback; choice transfer/a records correct and selected feedback; choice transfer/b records wrong and selected feedback; choice transfer/c records wrong and selected feedback; choice transfer/d records wrong and selected feedback; choice ruling/a records wrong and selected feedback; choice ruling/b records wrong and selected feedback; choice ruling/c records correct and selected feedback; choice ruling/d records wrong and selected feedback; choice data-read/a records wrong and selected feedback; choice data-read/b records wrong and selected feedback; choice data-read/c records correct and selected feedback; choice data-read/d records wrong and selected feedback; choice data-infer/a records wrong and selected feedback; choice data-infer/b records correct and selected feedback; choice data-infer/c records wrong and selected feedback; choice data-infer/d records wrong and selected feedback; choice data-design/a records wrong and selected feedback; choice data-design/b records wrong and selected feedback; choice data-design/c records wrong and selected feedback; choice data-design/d records correct and selected feedback; all seven correct and all twenty-one wrong branches exercised; justification gate comparison rejects empty numeric padding and repeated words before feedback; justification gate ruling rejects empty numeric padding and repeated words before feedback; justification gate data-infer rejects empty numeric padding and repeated words before feedback; justification gate data-design rejects empty numeric padding and repeated words before feedback; numeric-only final reflection and data note are not accepted as prose; workspace state-measurement-ledger requires exactly declared row.fields with blank and invalid cells rejected; workspace state-pilot-memo requires exactly declared row.fields with blank and invalid cells rejected; workspace state-water-pilot-ledger requires exactly declared row.fields with blank and invalid cells rejected; district budgets accept exact 100 hours and reject either 101-hour plan; workspace JSON normalization trims numbers and rejects invalid number types and selection IDs; complete class route from original S1 notes plus new mechanical cells; unfilled Fun route finishes exploration without class completion and returns to missing class work; assignment flags keep workspace justification graph and data requirements separate; first-recorded wrong choice remains frozen and on-request feedback does not



precede submission; own-note copies retain source snapshot provenance after source and copied field edits; text print and progress exports preserve cells rationales reflection provenance and exact representation; saved workspace exports survive earlier-task invalidation; schema6 complete roundtrip retains rationales workspaces frozen initial records and completion; schema5 migration preserves exact archived prose and submitted history without crediting v6 checks; preserved revised-run roundtrip retains prior complete schema6 history and familiar-evidence flag; save collision preserves both branches until explicit restore or keep; help and hint openings remain distinct from authored submitted histories on roundtrip; Fun to Class rationale supplement preserves selected choice original empty rationale and after-feedback provenance; workspace planning hints honor the saved instructor switch

Module failures: None

Static rendered markup test record

Method: Original application JavaScript executed by the supplied VM. Generated DOM strings merged into the original HTML shell and parsed using lxml. Checks IDs, form names/references, image alternatives, table headers, SVG coordinate bounds and late-record reveal guards. Synthetic fixture prose exercises recording gates only; no content mastery, real learner, browser, CSS layout or assistive-technology claim.

Module count: 5

Snapshot count: 85

Issue count: 0

Runtime error count: 0

Module record

ID: overloaded-state

File: Frontiers_The_Overloaded_State.html

Sha256: 594b7e5a13326efa95a4d4d27fd8cbfc4ab318130ba5196d63c564b7d37a890a

Build version: faculty-led-revision-v6

Complete synthetic fixture accepted: Yes

Snapshot count: 17

Issue count: 0

Current full-article access check

The earlier review roles did not establish access to every full article. This later check verifies 10 of the 10 main texts. The full Science PDF supplied by the user completed the Tessler main-text check on 13 October 2026. Supplement access is recorded separately; the uploaded main article does not contain the separate Science supplement. Current access cannot retroactively establish what earlier reviewers read.

Article	Bureaucratic Quality and the Gap between Implementation Burden and Administrative Capacities
Full main text verified	True
Version	Open-access Cambridge publisher version of record; online 9 November 2023, August 2024 issue.

Article

Rescuing state capacity: Proceduralism, the new politicization, and public policy

Full main text verified

Yes

Version

Open-access Wiley publisher version of record; presidential address; first published 17 February 2025.

Complete recommendation decisions

Every decision entry below records the feedback basis, implemented location or behavior, faculty-priority conflict decision and any concrete deferral. Module notes were prepared before shared integration; references to remaining root work are resolved by the verified current build above. The full metadata, original JSON ledger and raw tests are included in verification/.

Module decisions

Entry 1

ID: P1-initial-1

Source

Entry 1

File: revision/evidence/reviews/p1/review.json

Location: modules[overloaded-state].problems[0]

Recommendation: Expose an actor-action-outcome chain and three-outcome evaluation anchors before a connected pilot argument.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo]; revision.decision.fields[defense]; planningFrames[stage=3]

Behavior: Blank political/source/evidence/right/outcome/cohort/assignment/implementation rows organize the single-pilot defense; final prose connects them without retyping.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 2

ID: P1-initial-2

Source

Entry 1

File: revision/evidence/reviews/p1/review.json

Location: modules[overloaded-state].problems[1]

Recommendation: Supply costed minimum water options with preparation, case work, independent checking and honest limits.

Disposition: implemented

Implemented locations: revision.transfer.records[W3N,W3S]; workbenches[state-water-pilot-ledger]

Behavior: Six explicitly fictional 100-hour single-pilot schedules include task multipliers, training participants/instructor and protection labour. No outcomes or effect forecast are supplied.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 3**ID:** P1-initial-3**Source****Entry 1****File:** revision/evidence/reviews/p1/review.json**Location:** modules[overloaded-state].problems[2]**Recommendation:** Place weekly flow values and accounting limits beside selected-sample data.**Disposition:** implemented**Implemented locations:** dataWorkshop.provenance; dataWorkshop.guide;
workbenches[state-measurement-ledger].rows[stock-flow]**Behavior:** Repeats about 160 arrivals and about 100 completed decisions per week, labels approximate flow and unknown starting stock/exits/reopening.**Reason:** Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.**Entry 4****ID:** P1-semantic-1**Source****Entry 1****File:** revision/evidence/reviews/p1/semantic.json**Location:** modules[overloaded-state].findings[0]**Recommendation:** Retain independent risk checking and published lawful reasons without treating connection as proof of corrupt motives or punishing candid analysts.**Disposition:** implemented**Implemented locations:** revision.transfer.revisionFields[revision,test];
workbenches[state-water-pilot-ledger].rows[south-comparison,south-stop]; teacherKey.transfer**Behavior:** Missing reasons remain a compliance issue; independent risk evidence can vindicate priority. Truthful findings and lawful oversight remain protected.**Reason:** Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.**Entry 5****ID:** P1-semantic-2**Source****Entry 1****File:** revision/evidence/reviews/p1/semantic.json**Location:** modules[overloaded-state].findings[1]

Recommendation: Make operational quantities and approval assumptions inspectable inside each 100-hour transfer envelope.

Disposition: implemented

Implemented locations: revision.transfer.records[W3N,W3S]; workbenches[state-water-pilot-ledger]; teacherKey.transfer.initialAdaptations

Behavior: Preparation, operational quantity×cost and independent protection are entered separately; a custom single plan needs openly fictional director-approved assumptions.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 6

ID: P1-semantic-3

Source

Entry 1

File: revision/evidence/reviews/p1/semantic.json

Location: modules[overloaded-state].findings[2]

Recommendation: Replace exact backlog-growth language with approximate arrivals-decisions excess and additional accounting assumptions.

Disposition: implemented

Implemented locations: dataWorkshop.reasonPrompt; workbenches[state-measurement-ledger].rows[stock-flow]; teacherKey.quantitativeKey.weeklyFlow

Behavior: Learners must write unknown previous stock, new entries, decisions, other exits and reopenings; the numerical difference is not a capacity gap or exact growth.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 7

ID: P2-initial-1

Source

Entry 1

File: revision/evidence/reviews/p2/review.json

Location: modules[overloaded-state].problems[0]

Recommendation: Require a three-line stock-flow account, unknown starting backlog and throughput/capacity distinction.

Disposition: implemented

Implemented locations: workbenches[state-measurement-ledger].rows[stock-flow]; investigation.core.caseText; teacherKey.quantitativeKey.weeklyFlow

Behavior: Blank response requires the accounting identity, approximate weekly excess with assumptions, and an exit/task-time record; no missing value is invented.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 8

ID: P2-initial-2

Source

Entry 1

File: revision/evidence/reviews/p2/review.json

Location: modules[overloaded-state].problems[1]

Recommendation: Add hard full-cohort follow-up coding for eligible-open, correct ineligible denial, withdrawal and missing outcome; retain cluster limits.

Disposition: implemented

Implemented locations: revision.decision.records[P4];
workbenches[state-pilot-memo].rows[cohort-coding,assignment]; checks.data-infer;
teacherKey.decision.semanticMinimum

Behavior: E/I/W/M coding uses common day-56 individual follow-up, keeps all entrants and appeal rights, and distinguishes lawful correct denial from unresolved or unknown final outcomes.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 9

ID: P2-initial-3

Source

Entry 1

File: revision/evidence/reviews/p2/review.json

Location: modules[overloaded-state].problems[2]

Recommendation: Select one primary transfer claim, one specified rival and a protection-specific stop rather than investigating everything.

Disposition: implemented

Implemented locations: revision.transfer.revisionFields[revision];
workbenches[state-water-pilot-ledger].rows[north-comparison,south-comparison,north-stop,south-stop]

Behavior: Each district links one current action and same-outcome rival to prespecified cohort/comparison and its own measurable protection rule.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 10**ID:** P2-semantic-1**Source****Entry 1****File:** revision/evidence/reviews/p2/semantic.json**Location:** modules[overloaded-state].weaknesses[0]**Recommendation:** Require named unknown stock/exit terms, not comparable-flow language alone.**Disposition:** implemented**Implemented locations:** workbenches[state-measurement-ledger].rows[stock-flow];
teacherKey.quantitativeKey.weeklyFlow**Behavior:** The blank identity records unknown previous stock and additional flows; teacher key explains nonduplicated counting and approximation.**Reason:** Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.**Entry 11****ID:** P2-semantic-2**Source****Entry 1****File:** revision/evidence/reviews/p2/semantic.json**Location:** modules[overloaded-state].weaknesses[1]**Recommendation:** Specify chance/observational assignment, clustering and fixed unresolved/withdrawn coding with rights preserved.**Disposition:** implemented**Implemented locations:** workbenches[state-pilot-memo].rows[assignment,cohort-coding];
revision.decision.records[P4]; teacherKey.quantitativeKey.dataInfer**Behavior:** Assignment unit, timing, baseline difficulty/skills, contamination, actual exposure and limits are explicit; similar offices or users alone are insufficient.**Reason:** Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.**Entry 12****ID:** P2-semantic-3**Source****Entry 1****File:** revision/evidence/reviews/p2/semantic.json**Location:** modules[overloaded-state].weaknesses[2]

Recommendation: Update each stopping rule to the actual revised district pilot; distinguish rules for deferred actions.

Disposition: implemented

Implemented locations: revision.transfer.revisionFields[test];
workbenches[state-water-pilot-ledger].rows[north-stop,south-stop]; teacherKey.transfer.stoppingRule

Behavior: Both mandatory stop rows restate current action, threatened protection, independent record, measurable pattern/threshold, responsible actor and deadline.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 13

ID: P3-initial-1

Source

Entry 1

File: revision/evidence/reviews/p3/review.json

Location: modules[overloaded-state].problems[0]

Recommendation: Organize one causal link, rival, evidence and protection before integrated prose.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo]; revision.decision.fields[defense];
reviewPrompts[Same-outcome rival discrimination]

Behavior: The empty memo exposes actor/action/outcome and supporting/complicating links without choosing a package or filling the causal answer.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 14

ID: P3-initial-2

Source

Entry 1

File: revision/evidence/reviews/p3/review.json

Location: modules[overloaded-state].problems[1]

Recommendation: Introduce an unsolved received-but-rejected report counterrecord separating useful learning from ceremony.

Disposition: implemented

Implemented locations: revision.decision.records[P5];
workbenches[state-pilot-memo].rows[report-and-stop]; teacherKey.coreEvidence.P5

Behavior: Fixed rehearsal gives dated receipt, unchanged publication and lawful reasoned refusal; candid use, nonretaliation and public outcomes remain unknown. Learner must identify a discriminating authorized

decision.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 15

ID: P3-initial-3

Source

Entry 1

File: revision/evidence/reviews/p3/review.json

Location: modules[overloaded-state].problems[2]

Recommendation: Keep stock/flow/selection/time/outcome types visible and explain a selected closed-case mean with unresolved cases.

Disposition: implemented

Implemented locations: workbenches[state-measurement-ledger];
revision.transfer.revisionFields[revision];
workbenches[state-water-pilot-ledger].rows[north-comparison,south-comparison]

Behavior: Measurement passports label dates, frames and outcomes; W4 still requires an explanation of 18-to-12 means excluding difficult open cases.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 16

ID: P3-semantic-1

Source

Entry 1

File: revision/evidence/reviews/p3/semantic.json

Location: modules[overloaded-state].concerns[0]

Recommendation: Add an action-specific stopping checkpoint after late-record revision.

Disposition: implemented

Implemented locations: revision.transfer.revisionFields[test];
workbenches[state-water-pilot-ledger].rows[north-stop,south-stop]

Behavior: Current pilot must be restated beside the corresponding protection rule; a deferred shortcut rule is explicitly insufficient.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 17

ID: P3-semantic-2

Source

Entry 1

File: revision/evidence/reviews/p3/semantic.json

Location: modules[overloaded-state].concerns[1]

Recommendation: Defend random or observational assignment and a baseline difference that could defeat the comparison.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo].rows[assignment];
workbenches[state-water-pilot-ledger].rows[north-comparison,south-comparison];
teacherKey.transfer.comparison

Behavior: Dates, stage/difficulty, skills, demand, clustering and exposure are prespecified, with observational selection assumptions and limitations.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 18

ID: P4-initial-1

Source

Entry 1

File: revision/evidence/reviews/p4/review.json

Location: modules[overloaded-state].problems[0]

Recommendation: Test actual reporting protection with receipt, publication, nonretaliation and response records plus stopping/escalation.

Disposition: implemented

Implemented locations: revision.decision.records[P3,P5];
workbenches[state-pilot-memo].rows[protected-right,report-and-stop];
workbenches[state-water-pilot-ledger].rows[north-stop,south-stop]

Behavior: Formal protection is separated from candid use, unchanged factual publication, confidential follow-up and operational response. Learner sets a measurable action-specific escalation rule.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 19

ID: P4-initial-2

Source

Entry 1

File: revision/evidence/reviews/p4/review.json

Location: modules[overloaded-state].problems[1]

Recommendation: Offer blank pilot memo sections and criterion-level feedback without reducing demand.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo]; planningFrames[stage=3]; reviewPrompts

Behavior: Required anchors replace hidden bundles; short defense connects them. Completion/hours checks remain participation checks and human review assesses every analytical link.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 20

ID: P4-initial-3

Source

Entry 1

File: revision/evidence/reviews/p4/review.json

Location: modules[overloaded-state].problems[2]

Recommendation: For a later game-development round, consider a plausible response record without a fabricated success meter.

Disposition: implemented_with_boundary

Implemented locations: revision.decision.records[P5]; teaching.sourceBoundary

Behavior: Adds a common fixed response rehearsal requiring interpretation and adaptation, available under every choice. Keeps the evidence practicum's fixed-record architecture.

Reason: The review explicitly makes dynamic game development conditional on a later round. The authorized renderer provides fixed records, so choice-dependent actors/outcomes are deferred; a compatible unsolved response record is implemented now.

Entry 21

ID: P4-semantic-1

Source

Entry 1

File: revision/evidence/reviews/p4/semantic.json

Location: modules[overloaded-state].limitations[0]

Recommendation: Specify lawful randomized timing or observational assumptions rather than rely on prospective phasing.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo].rows[assignment];
teacherKey.decision.semanticMinimum

Behavior: Learner defends an office/timing assignment rule, need/leadership/publicity selection, baseline differences, clustering and actual intervention exposure.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 22

ID: P4-semantic-2

Source

Entry 1

File: revision/evidence/reviews/p4/semantic.json

Location: modules[overloaded-state].limitations[0]

Entry 2

File: revision/evidence/reviews/p4/semantic.json

Location: modules[overloaded-state].instructorFollowUp

Recommendation: Separate offer of protected reporting, candid use, unedited publication, reasoned response and better access while permitting lawful refusal.

Disposition: implemented

Implemented locations: revision.decision.records[P3,P5];
workbenches[state-pilot-memo].rows[report-and-stop]; teacherKey.decision.acceptablePriorities[P3]

Behavior: Five observable implementation links and subsequent resource/rule decisions are distinguished; a response duty does not compel agreement or a benefit.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 23

ID: P4-semantic-3

Source

Entry 1

File: revision/evidence/reviews/p4/semantic.json

Location: modules[overloaded-state].limitations[1]

Recommendation: Prespecify transfer cohorts, baseline stages/task difficulty/dates and exposure separately for district remedies.

Disposition: implemented

Implemented locations:
workbenches[state-water-pilot-ledger].rows[north-comparison,south-comparison];
teacherKey.transfer.comparison

Behavior: Each current district action has its own primary claim/rival, enrollment and common follow-up, baseline stages/difficulty/skills/demand and assignment/exposure limits; districts with different remedies are not a clean control pair.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 24

ID: P5-initial-1

Source

Entry 1

File: revision/evidence/reviews/p5/review.json

Location: modules[overloaded-state].problems[0]

Recommendation: Separate causal priority, authority/protection and evaluation, retaining a strong defense of the deferred pilot.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo]; revision.decision.fields[choice,defense]; planningFrames[stage=3]

Behavior: Visible blank anchors retain every demand; connected prose argues why the strongest actual safeguarded offer still comes second.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 25

ID: P5-initial-2

Source

Entry 1

File: revision/evidence/reviews/p5/review.json

Location: modules[overloaded-state].problems[1]

Recommendation: Supply empty stock/flow labels and unknown exits without inventing withdrawal counts or reform effects.

Disposition: implemented

Implemented locations: workbenches[state-measurement-ledger].rows[stock-flow]; dataWorkshop.provenance

Behavior: One compact required ledger row asks for unknown stock, arrivals, decisions, other exits/reopening and assumptions; no unseen count is supplied.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 26

ID: P5-initial-3

Source

Entry 1

File: revision/evidence/reviews/p5/review.json

Location: modules[overloaded-state].problems[2]

Recommendation: Order transfer as observed path, process, rival prediction, then conditional action; assess reasoned revision.

Disposition: implemented

Implemented locations: revision.transfer.initialFields[mechanism,rival,prediction]; revision.transfer.intro; reviewPrompts[Unfamiliar transfer and revision]

Behavior: Remedy is moved to the final initial prediction prompt after record-specific mechanism/rival work. W4 can justify retention or change; no fashionable package earns automatic credit.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 27

ID: P5-semantic-1

Source

Entry 1

File: revision/evidence/reviews/p5/semantic.json

Location: modules[overloaded-state].limitations[0]

Recommendation: Require the unresolved-stock accounting identity and unknown exit terms before exact growth claims.

Disposition: implemented

Implemented locations: workbenches[state-measurement-ledger].rows[stock-flow]; teacherKey.quantitativeKey.weeklyFlow

Behavior: The original subtraction is retained as an approximate excess; exact backlog language requires the additional accounting assumptions.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 28

ID: P5-semantic-2

Source

Entry 1

File: revision/evidence/reviews/p5/semantic.json

Location: modules[overloaded-state].limitations[1]

Recommendation: Compare assistance against the actual safeguarded P2 alternative rather than wholesale review removal.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo].rows[record-tradeoff]; revision.decision.rubric; teaching.reverseHearing; teacherKey.decision.acceptablePriorities[P1,P2]

Behavior: Explicitly retains P2's high-risk review, independent 20-hour check and all appeals; learner must supply its strongest case and explain the actual remaining uncertainty/priority tradeoff.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 29

ID: P5-semantic-3

Source

Entry 1

File: revision/evidence/reviews/p5/semantic.json

Location: modules[overloaded-state].limitations[2]

Recommendation: Do not identify favoritism from risk adjustment or connections alone; use independent risk, chronology and truthful reasons.

Disposition: implemented

Implemented locations: workbenches[state-water-pilot-ledger].rows[south-comparison]; revision.transfer.revisionFields[revision]; teacherKey.transfer.comparison

Behavior: Risk may be incompletely measured; motive remains unproved even when documented priority requirements are unmet.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 30

ID: faculty-cross-graph

Source

Entry 1

File: revision/evidence/reviews/p2/review.json

Location: crossModuleNotes

Entry 2

File: revision/evidence/reviews/p5/review.json

Location: crossModuleNotes

Recommendation: Add less-cued representation/axis/base critique with exact accessible data.

Disposition: implemented

Implemented locations: graphPractice; checks.data-design

Behavior: Unfamiliar Hillford rates use unequal starting cohorts, same individual follow-up and exact counts/bases. Options test raw count/rate, closed-case base and delivery/capacity captions; correct key d.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 31

ID: faculty-cross-checks

Source

Entry 1

File: revision/evidence/reviews/p1/review.json

Location: crossModuleNotes

Entry 2

File: revision/evidence/reviews/p2/review.json

Location: crossModuleNotes

Entry 3

File: revision/evidence/reviews/p4/review.json

Location: crossModuleNotes

Entry 4

File: revision/evidence/reviews/p5/review.json

Location: crossModuleNotes

Recommendation: Audit wrong feedback and replace sweeping distractors with bounded specific inference errors; collect rationale before feedback.

Disposition: implemented

Implemented locations: checks.comparison; checks.scope; checks.transfer; checks.ruling; checks.data-read; checks.data-infer; checks.data-design

Behavior: Every option has selected-error-specific feedback. Original six IDs/correct IDs are preserved. Comparison/data-infer/ruling/data-design require a document-specific ten-word rationale before explanatory feedback.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 32

ID: faculty-cross-review

Source

Entry 1

File: revision/evidence/reviews/p1/review.json

Location: crossModuleNotes

Entry 2

File: revision/evidence/reviews/p2/semantic.json

Location: crossModuleConclusions

Entry 3

File: revision/evidence/reviews/p3/review.json

Location: crossModuleNotes

Entry 4

File: revision/evidence/reviews/p4/semantic.json

Location: crossModuleFindings

Entry 5

File: revision/evidence/reviews/p5/semantic.json

Location: crossModuleConclusion

Recommendation: Assess semantic links and protect disagreement; do not treat completion or polished AI text as mastery or human learning gain.

Disposition: implemented

Implemented locations: reviewPrompts; teacherKey.suggestedHumanScoring.feedback; teacherKey.assessmentBoundary; teaching.sourceBoundary

Behavior: Six criterion prompts target distinct source/finding/rival/decision/numerical/transfer links. Overlapping legacy labels are feedback cross-references, not additional scores. AI role evidence and untested human outcomes remain explicit.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 33

ID: faculty-cross-reading

Source

Entry 1

File: revision/evidence/reviews/p1/review.json

Location: crossModuleNotes

Entry 2**File:** revision/evidence/reviews/p2/review.json**Location:** crossModuleNotes**Entry 3****File:** revision/evidence/reviews/p3/review.json**Location:** crossModuleNotes**Entry 4****File:** revision/evidence/reviews/p4/review.json**Location:** crossModuleNotes**Entry 5****File:** revision/evidence/reviews/p5/review.json**Location:** crossModuleNotes**Recommendation:** Preserve deep source reading, counterevidence and demanding transfer while making products inspectable.**Disposition:** implemented**Implemented locations:** papers; revision.sourceTasks; planningFrames; workbenches; briefRevisionPrompt**Behavior:** Keeps both papers, source facts/scope, dated source/record tasks and unfamiliar commitment/revision. Blank scaffolds organize output; no model mechanism or keyed political pilot is supplied.**Reason:** Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.**Entry 34****ID:** faculty-cross-art**Source****Entry 1****File:** revision/evidence/reviews/p5/review.json**Location:** modules[overloaded-state].designContentRelation**Entry 2****File:** revision/evidence/reviews/p1/review.json**Location:** modules[overloaded-state].designContentRelation

Entry 3

File: revision/evidence/reviews/p4/review.json

Location: modules[overloaded-state].designContentRelation

Recommendation: Retain unique political artwork and distinguish its maze impression from measured procedure/protection evidence.

Disposition: implemented

Implemented locations: design; teaching.extensionSteps

Behavior: Original art, motif and branding remain untouched. Optional art discussion asks which obstacle/service/protection impressions need dated evidence; no decorative staircase is treated as a quantified workflow.

Reason: Compatible with the faculty-led contract; retains demanding reasoning and plural lawful priorities.

Entry 35

ID: faculty-cross-human-pilot

Source**Entry 1**

File: revision/evidence/reviews/p1/review.json

Location: crossModuleNotes

Entry 2

File: revision/evidence/reviews/p2/review.json

Location: crossModuleNotes

Entry 3

File: revision/evidence/reviews/p3/review.json

Location: crossModuleNotes

Entry 4

File: revision/evidence/reviews/p4/review.json

Location: crossModuleNotes

Entry 5

File: revision/evidence/reviews/p5/review.json

Location: crossModuleNotes

Recommendation: Obtain real human/device/delayed-transfer evidence before enjoyment, timing or learning claims.

Disposition: deferred

Implemented locations: teacherKey.status; teacherKey.assessmentBoundary; teaching.timingNote

Behavior: Existing human-review boundaries and unmeasured timing statements are retained; revisions add no efficacy or human-test claim.

Reason: Recruiting a human class/device or delayed study is outside authorized implementation. No participant evidence is fabricated; the deliverable remains a revised teaching draft.

Entry 36

ID: learner-sample-passports

Source

Entry 1

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 2

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 3

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 4

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 5

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Recommendation: Make sample IDs easier to navigate with inclusion rule, date, base, outcome and exclusions always attached.

Disposition: implemented_with_boundary

Implemented locations: investigation.core.orientation[Sample passports]; dataWorkshop.provenance; workbenches[state-measurement-ledger].rows[d1-passport,a1-passport,a2-passport]

Behavior: D1/A1/A2 have separate passport rows; no answer cells are prefilled, unknown overlap is explicit, and stage3 data/decision references keep the distinctions visible.

Reason: Uses the contract's standard orientation/ledger displays. A bespoke persistent sidebar is deferred because module agents cannot add custom UI; original identifiers are retained.

Entry 37

ID: learner-defense-organizer

Source**Entry 1**

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].confusingQuestions

Entry 2

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].confusingQuestions

Entry 3

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].confusingQuestions

Entry 4

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].confusingQuestions

Entry 5

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].confusingQuestions

Recommendation: Segment evidence/tradeoff, political process, protected rights, outcomes, comparison and switch requirements while keeping a connected defense.

Disposition: implemented

Implemented locations: workbenches[state-pilot-memo]; planningFrames[stage=3];
revision.decision.fields[choice,defense]

Behavior: Blank memo rows expose all components, and two original fields ask for choice and a concise integrated argument based on those anchors.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 38

ID: learner-source-language

Source

Entry 1

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].confusingTerms

Entry 2

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].confusingTerms

Entry 3

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].confusingTerms

Entry 4

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].confusingTerms

Entry 5

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].confusingTerms

Recommendation: Lead with connecting policy design and delivery and distinguish designer resources from implementer information; retain the technical term.

Disposition: implemented

Implemented locations: selectionNote; papers[0].explanation; revision.sourceTasks[sourceA]; revision.glossary[Top-down integration,Bottom-up integration]

Behavior: Plain leading language and two distinct routes clarify integration without shortening the real study or treating top-down as extra orders.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 39

ID: learner-correct-access

Source

Entry 1

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].confusingTerms

Entry 2**File:** revision/evidence/reviews/s5/review.json**Location:** modules[overloaded-state].confusingTerms**Recommendation:** Keep lawful correct approval/denial and unresolved paths visible; receiving money or closing a file is not the entire outcome.**Disposition:** implemented**Implemented locations:** revision.glossary[Correct access,Starting cohort]; revision.decision.records[P4]; workbenches[state-pilot-memo].rows[delivery-card,cohort-coding,applicant-card]**Behavior:** All-entrant coding distinguishes correct denial, eligible-open, unresolved withdrawal and missing final outcomes. Never-applied people require a separate outreach population.**Reason:** Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.**Entry 40****ID:** learner-burden-capacity-separation**Source****Entry 1****File:** revision/evidence/reviews/s2/review.json**Location:** modules[overloaded-state].confusingTerms**Entry 2****File:** revision/evidence/reviews/s3/review.json**Location:** modules[overloaded-state].confusingTerms**Recommendation:** Distinguish agency implementation work, applicant effort and capacity versus headcount/current output.**Disposition:** implemented**Implemented locations:** workbenches[state-pilot-memo].rows[political-chain,capacity-card,delivery-card,applicant-card]; revision.glossary; graphPractice; dataWorkshop.guide**Behavior:** Three measurement rows use different bases/units and political-chain row identifies who bears each cost; graph distractor tests delivery versus potential capacity.**Reason:** Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.**Entry 41****ID:** learner-cohort-practice

Source

Entry 1

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].confusingTerms

Entry 2

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].hintAssessment

Entry 3

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].graphTableAssessment

Recommendation: Use a task-neutral cohort example and an empty all-applicant pathway tracker without choosing a pilot.

Disposition: implemented

Implemented locations: dataWorkshop.workedExample;
workbenches[state-pilot-memo].rows[cohort-coding]; revision.glossary[Starting cohort]

Behavior: Museum example uses distinct volunteers and permit paths, not a Riverbend answer. The blank E/I/W/M response retains hard outcome uncertainty and protection-preserving follow-up.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 42

ID: learner-budget-display

Source

Entry 1

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 2

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 3

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Recommendation: Keep the one-package resource budget visible without ranking options.

Disposition: implemented

Implemented locations: revision.decision.title; revision.decision.table;
workbenches[state-pilot-memo].intro; planningFrames[stage=3]

Behavior: Preserves the exact one-pilot 120-hour table beside the decision and names the actual deferred package; water budgets are checked as two explicit 100-hour groups.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 43

ID: learner-note-reuse

Source

Entry 1

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].readingWritingBurden

Entry 2

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].readingWritingBurden

Entry 3

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].readingWritingBurden

Entry 4

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].readingWritingBurden

Entry 5

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].readingWritingBurden

Recommendation: Carry earlier authored work forward and make the final brief a developed revision, not duplicate recap.

Disposition: implemented

Implemented locations: briefRevisionPrompt; briefFields; dataWorkshop.reasonPrompt;
revision.decision.fields[defense]; revision.transfer.revisionFields[test]

Behavior: Prompts deliberately refer to existing ledgers/source notes and require a changed/narrowed inference or newly specified uncertainty. Root's contract supplies the carry-forward buttons and revision reflection.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 44

ID: learner-method-hints

Source

Entry 1

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].hintAssessment

Entry 2

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].hintAssessment

Entry 3

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].hintAssessment

Entry 4

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].hintAssessment

Entry 5

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].hintAssessment

Recommendation: Preserve method-focused sample/base hints and avoid hints selecting a pilot or villain.

Disposition: implemented

Implemented locations: checks.*.hint; workbenches.*.hint; dataWorkshop.hintPolicy; teacherKey.assessmentBoundary

Behavior: Hints ask for units, population, comparison, labour counting or action-rule consistency. Requested rates and political priority remain learner-authored; explanatory feedback follows submission.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 45

ID: learner-more-plausible-distractors

Source**Entry 1**

File: revision/evidence/reviews/s1/review.json

Location: modules[overloaded-state].hintAssessment

Entry 2

File: revision/evidence/reviews/s2/review.json

Location: crossModuleNotes

Entry 3

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].hintAssessment

Entry 4

File: revision/evidence/reviews/s4/review.json

Location: crossModuleNotes

Entry 5

File: revision/evidence/reviews/s5/review.json

Location: crossModuleNotes

Recommendation: Make bounded wrong alternatives fail at a precise link and review written reasoning beyond MC recognition.

Disposition: implemented

Implemented locations: checks.comparison; checks.ruling; checks.data-infer; checks.data-design; reviewPrompts

Behavior: Specific distractors use stable post counts, stage count as effect, targeted-review optimality, post-treatment selection and wrong chart bases; required pre-feedback rationales provide inspectable explanation.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 46

ID: learner-lawful-risk-reading

Source

Entry 1

File: revision/evidence/reviews/s2/review.json

Location: modules[overloaded-state].whereThinkingWasRequired

Entry 2

File: revision/evidence/reviews/s4/review.json

Location: modules[overloaded-state].disliked

Entry 3

File: revision/evidence/reviews/s5/review.json

Location: modules[overloaded-state].liked

Recommendation: Keep water routing evidence organized without treating association nomination as proved corruption.

Disposition: implemented

Implemented locations: revision.transfer.initialFields; revision.transfer.revisionFields[revision]; workbenches[state-water-pilot-ledger].rows[south-comparison,south-stop]

Behavior: Record-specific order and independent risk/chronology/reasons comparisons preserve a lawful rival; alleged motive and missing legal documentation remain distinct.

Reason: Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.

Entry 47

ID: learner-class-discussion

Source

Entry 1

File: revision/evidence/reviews/s2/review.json

Location: crossModuleNotes

Entry 2

File: revision/evidence/reviews/s3/review.json

Location: modules[overloaded-state].supportNeededWithoutLoweringDemand

Entry 3

File: revision/evidence/reviews/s4/review.json

Location: crossModuleNotes

Entry 4**File:** revision/evidence/reviews/s5/review.json**Location:** modules[overloaded-state].wouldChooseAgain**Recommendation:** Allow oral or classroom comparison of different legitimate pilots after an independent commitment.**Disposition:** implemented**Implemented locations:** teaching.reverseHearing; teaching.extensionSteps;
teacherKey.assessmentBoundary**Behavior:** Adds optional discussion after an authored first commitment, weighing evidence/opportunity cost/stops while protecting disagreement. It does not send peer messages or record human activity.**Reason:** Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.**Entry 48****ID:** learner-consequence**Source****Entry 1****File:** revision/evidence/reviews/s2/review.json**Location:** modules[overloaded-state].disliked**Recommendation:** Add a sense of institutional consequence while avoiding guaranteed outcomes.**Disposition:** implemented_with_boundary**Implemented locations:** revision.decision.records[P5];
workbenches[state-pilot-memo].rows[report-and-stop]**Behavior:** A fixed unsolved reasoned refusal requires distinguishing what works and what remains uncertain, and specifying an authorized adaptation.**Reason:** Faculty retain fixed evidence and no effect forecast. Choice-dependent actor behavior remains a future game-development possibility outside this renderer; the compatible political-response record is added.**Entry 49****ID:** learner-art-protection**Source****Entry 1****File:** revision/evidence/reviews/s4/review.json**Location:** modules[overloaded-state].artReaction

Entry 2**File:** revision/evidence/reviews/s3/review.json**Location:** modules[overloaded-state].artReaction**Entry 3****File:** revision/evidence/reviews/s5/review.json**Location:** modules[overloaded-state].artReaction**Recommendation:** Preserve the service artwork while keeping the maze from implying every procedure is pointless.**Disposition:** implemented**Implemented locations:** design; teaching.extensionSteps; revision.decision.rubric**Behavior:** Retains the original unique illustration and all artwork fields. Optional art interpretation pairs obstruction and functioning-protection impressions with the actual review tradeoff.**Reason:** Compatible with faculty priorities: organizes demanding work without supplying a case answer or political preference.**Entry 50****ID:** learner-art-additions**Source****Entry 1****File:** revision/evidence/reviews/s2/review.json**Location:** modules[overloaded-state].artReaction**Entry 2****File:** revision/evidence/reviews/s3/review.json**Location:** crossModuleNotes**Recommendation:** Consider displaced-home/repair motifs or broader global/street-level motifs in future artwork.**Disposition:** deferred**Implemented locations:** design; case.brief; teaching.extensionSteps**Behavior:** Original unique art is retained; flood/repair stakes remain in the original brief and art discussion frames impressions without changing documentary evidence.**Reason:** The authorized contract explicitly requires retained unique artwork, and the module agent owns configuration only. New/replaced image assets are a separate creative round; no compatible instructional requirement is dropped.

Shared controls and backend decisions

Shared implementation decisions

Entry 1

ID: SHARED-SETTINGS-COMPATIBILITY

Sources: User preservation requirement; revision/REVISION_CONTRACT.md · required-work and representation switches

Recommendation: Add the new requirements while preserving every advanced5907 control and backward compatibility.

Status: implemented

Locations: advanced-controls.js · defaults/normalizeSettings/renderInstructor; server.js · settingDefaults/validateSettings/publicClass/config and course retrieval

Behavior: Four true defaults under the existing settings schema1; only new omissions default. Instructor exports/imports, local collision guards and server assignment revisions include the new switches. Strict old-key validation remains.

Entry 2

ID: SHARED-F-P1-JUSTIFICATION

Sources: p1/review.json · civic-machine problems[1]; p2/review.json · balanced distractors plus document/calculation justifications; p5/review.json · graph unit/base justification

Recommendation: Record a short case-specific rationale before explanatory feedback rather than treating keyed recognition as sufficient evidence.

Status: implemented-controls-and-review

Locations: advanced-controls.js · requireJustifications control/checkReviewHTML; hosted-client.js · snapshotHTML; server.js · statePayload

Behavior: Current rationale drafts and every submitted rationale are distinguished in teacher review. The connector and backend retain the original attempt histories intact. Root implements the pre-feedback rationale gates; module metadata supplies the demanding prompts.

Entry 3

ID: SHARED-F-P2-GRAPH-REPRESENTATION

Sources: p2/review.json · crossModuleNotes chart-representation critique; p5/review.json · unfamiliar graph encodings; revision/REVISION_CONTRACT.md · graphPractice/data-design

Recommendation: Include an unfamiliar representation task with an exact accessible equivalent and human inspection of axis, base, unit and inference.

Status: implemented-controls-and-key

Locations: advanced-controls.js · graphKeyHTML/checkKeyHTML/teacherKeyHTML; advanced-controls.js · requireGraphChecks and base requireData help

Behavior: The teacher key includes graphPractice for bar/rates/interval/table records and the data-design correct option/rationale once. The representation evidence belongs to the numerical rubric home and adds no second score. Root renders the learner display and enforces its optionality under requireData:false.

Entry 4

ID: SHARED-F-STRUCTURED-PRODUCT-REVIEW

Sources: p1/review.json · empty structural scaffolds; p2/semantic.json · generative products as rubric-linked submissions; p3/review.json · blank structured ledgers; p4/review.json · explicit instructor checklists; p5/review.json · learner-authored audit rows

Recommendation: Make multi-part generative products inspectable without filling them with an answer or equating word counts with quality.

Status: implemented-controls-and-review

Locations: advanced-controls.js · requireWorkspaces/workspacesReviewHTML/teacherKeyHTML; hosted-client.js · formatted submitted snapshot review

Behavior: Review tables show learner-authored cells, row labels, given context and human review notes, retaining zero-valued cells and unknown saved rows/columns. Row-specific field lists identify cells that are not requested. Completion and arithmetic validity are explicitly mechanical. Module configs and the root engine supply blank products and validators.

Entry 5

ID: SHARED-F-P5-ONE-SCORING-HOME

Sources: p5/review.json · democracy-alarm problems[2]; p4/review.json · criterion-by-criterion review; p2/review.json · rubric-linked exported evidence

Recommendation: Publish one outcome-to-evidence home per criterion and avoid double-counting criteria.

Status: implemented

Locations: advanced-controls.js · reviewCriteria/rubricHTML/reviewRubricText

Behavior: AdvancedRubric takes precedence. Matched reviewPrompts appear with their existing scoring row; repeated criterion labels and repeated prompts do not create another score. Unmatched prompts are comment-only. The exported blank review rubric uses the same map. Four-level 0-3 advanced rubrics and earlier 0-2 rubrics both retain every anchor.

Entry 6

ID: SHARED-F-P5-CALIBRATION-POSITIVE-FINDING

Sources: p5/review.json · democracy-alarm problems[2]; p1/review.json · positive contributions and justified retention; p5/semantic.json · semantic quality beyond keyed choices

Recommendation: Include two short contrasting unrelated calibration examples and assess positive warranted findings as well as overclaim avoidance.

Status: implemented

Locations: advanced-controls.js · rubricHTML

Behavior: The teacher view includes explicitly fictional library examples contrasting an untested attribution with a bounded positive observation and same-outcome rival comparison. Examples add no category or automatic score and do not solve any political dossier.

Entry 7

ID: SHARED-F-SEMANTIC-CAUSAL-LINKS

Sources: p1/semantic.json · recurring discriminating causal design; p2/semantic.json · assignment/selection and protected follow-up; p3/semantic.json · causal-design inspectability; p4/semantic.json · rights as research constraints; p5/semantic.json · same-outcome rivals and unready instruments

Recommendation: Inspect actual sources, outcomes, same-link rivals, feasible decisions and revised tests rather than award mastery from all-correct multiple choice or long prose.

Status: implemented-review-boundary

Locations: advanced-controls.js · rubricHTML/teacherKeyHTML/renderReviewRecord/reviewRubricText

Behavior: The teacher rubric foregrounds actual evidence and multiple defensible decisions. The task key directs review of actor/authority/constraints, numerical object/base, positive contribution and late revision. Submitted choices are labeled recorded factual results; prose quality remains human-reviewed. Module-specific causal and rights repairs live in each module ledger.

Entry 8

ID: SHARED-F-AUDIT-EXPORT-REASONS

Sources: p1/semantic.json · persuasion-hearing keep reference reasons visible on export; p4/review.json · six audit rows and distinction quality; p5/review.json · audit reasons not automatically graded

Recommendation: Retain factual-audit reference reasons and learner-written explanations in exports and teacher collection.

Status: implemented

Locations: advanced-controls.js · workspacesReviewHTML/renderReviewRecord/reviewHTML; hosted-client.js · snapshotHTML and snapshot download; server.js · immutable state cloning

Behavior: Structured review shows all audit cells and rationale histories. Full preserved JSON and exact download remain available. No control or backend transformation drops explanation fields.

Entry 9

ID: SHARED-F-AND-L-NOTE-REUSE

Sources: p1/review.json · civic final brief duplicate source/decision work; s1/review.json · explicit revised finding/new uncertainty and provenance; s2/review.json · newly applied reasoning instead of recap; s3/review.json · permission to reuse earlier passage; s4/review.json · assemble and revise prior notes; s5/review.json · synthesis/revision of existing work

Recommendation: Reduce repeated transcription through deliberate reuse while requiring an actual revised inference or new uncertainty.

Status: implemented-controls-and-review

Locations: advanced-controls.js · allowNoteReuse control/renderReviewRecord; hosted-client.js · snapshotHTML; server.js · schema6 payload preservation

Behavior: The default permits learner-selected reuse. Teacher review shows copied text, source, target and time separately from the explicit final revision reflection. Earlier notes and histories remain intact when settings change. Root supplies copy actions and reflection requirements; reuse does not replace unfamiliar transfer.

Entry 10

ID: SHARED-F-SUPPORT-AND-ATTEMPT-RECORDS

Sources: p3/review.json · separate unaided and hinted performance; p1/review.json · no grade penalty for support use; revision/REVISION_CONTRACT.md · retain methods rather than case-answer hints

Recommendation: Distinguish optional methods and hints from unaided attempts without treating support use as a reasoning-score penalty.

Status: implemented-review-and-preservation

Locations: advanced-controls.js · checkReviewHTML/methodReviewHTML; server.js · full-state roundtrip

Behavior: Submitted attempts retain helpUsed, methodUsage and hintUsage histories. Optional expansion/hint openings have a readable teacher history and no scoring deduction. Existing process hints and different-topic examples remain unchanged. Root records the usage events.

Entry 11

ID: SHARED-PRESERVE-CLASS-COLLECTION

Sources: User requirement to preserve full existing backend; Actual extracted backend source and README

Recommendation: Retain authenticated owned classes, public assignment lookup, personal recovery, collision checks and explicit immutable submissions.

Status: implemented-and-tested

Locations: server.js · existing API routes retained; hosted-client.js · snapshotHTML only presentation extension; test-backend.cjs

Behavior: Schema6 is added to the supported progress formats without changing credential hashes, sessions, recovery keys, ownership, revision guards, consent, immutable snapshot semantics, deletion protection, origin checks or private-draft access. The localhost test confirms these paths still work.

Entry 12

ID: SHARED-PRESERVE-PREFERENCES-IMPORT-SECURITY

Sources: User advanced-controls preservation requirement; p2/review.json · accessible equivalents

Recommendation: Keep local display preferences, 5907 gate, settings/progress imports and exports, independent storage and collision behavior.

Status: implemented-and-tested

Locations: advanced-controls.js · existing preference/unlock/storage paths retained; advanced-controls.js · handleFile error retention; test-v6-controls.cjs

Behavior: Three reading sizes, contrast, reduced motion, artwork and scaffolds retain separate storage. Unlocked-only mutation and exports remain. Invalid settings-file imports now keep their rejection message instead of clearing it. Recorded learner text is escaped in structured teacher review, and review-copy import/export does not alter the active learner branch.

Entry 13

ID: SHARED-RATIONALE-FEEDBACK-EXPOSURE

Sources: Final engine Fun-to-Class justification-supplement formatter regression

Recommendation: Make every submitted rationale's recorded feedback-exposure provenance visible without implying the reasoning was unaided.

Status: implemented-and-tested

Locations: advanced-controls.js · checkReviewHTML; test-v6-controls.cjs · schema6 review fixture and formatter assertions

Behavior: Each rationale displays recorded after feedback or recorded before this attempt's feedback according to history.afterFeedback. Earlier histories without that flag display exposure timing not recorded. The original choice and empty rationale remain in their original row, while a later supplementary rationale is displayed in its own row. Prior attempts/support remain visible and timing labels explicitly do not establish unaided reasoning. All20 controls tests and syntax checks pass.

Entry 14

ID: SHARED-SEALED-WORKSPACE-SUPPLEMENTS

Sources: Root runtime assignment-switch deadlock fix and exposure/history preservation requirement

Recommendation: Display the first committed initial workspace separately from any later supplement after the late record; preserve both in schema6 review and exports.

Status: implemented-and-tested

Locations: advanced-controls.js · workspaceHistoryReviewHTML/workspacesReviewHTML/renderReviewRecord; test-v6-controls.cjs · schema6 fixture and sealed workspace import/export case

Behavior: Teacher review shows sealed original cells, commitment time, assigned-at-commit and mechanical-validity-at-commit flags, then the separate current draft and dated after-late supplement history. Later cells do not replace the initial account or imply unaided first-exposure reasoning. Review JSON import/export and the connector roundtrip preserve both structures exactly. Full-state backend cloning already preserves them; no backend API mutation was needed. The controls suite now passes all20 cases.

Entry 15

ID: SHARED-MARKUP-ACCESSIBLE-CONTROLS

Sources: Root rendered-markup QA of simultaneous learner/instructor controls

Recommendation: Give the instructor connection URL a unique input id and preserve matching labels/actions; give both hidden JSON import inputs accessible names.

Status: implemented-and-tested

Locations: hosted-client.js · common/renderInstructor/connect action; advanced-controls.js · hidden settings/review file inputs; test-v6-controls.cjs · visible control names and instructor connection event

Behavior: Learner and instructor URL inputs use backend-url and backend-instructor-url respectively. Each Connect button identifies its URL input and the handler reads that target. Both JSON import inputs have explicit aria-labels. The controls suite still passes all 19 cases, including actual instructor Connect event targeting.

Entry 16

ID: SHARED-OLD-HISTORY-PRESERVATION

Sources: User no-history-loss requirement; revision/REVISION_CONTRACT.md · schema3/4/5 as history

Recommendation: Accept current schema6 while preserving earlier saved work as readable/exportable history.

Status: implemented

Locations: advanced-controls.js · reviewRecord/renderReviewRecord; server.js · statePayload; README.md · progress contract

Behavior: Backend and teacher-review imports support schemas3/4/5/6 and preserve original records. Schema6 review presents legacyArchive and priorRuns separately. No old completion is promoted into new credit by these read/save paths. Root implements active-case migration.

Entry 17

ID: SHARED-CLAIM-BOUNDARIES

Sources: All five faculty and learner reports · AI-role and evidence limits; User no publishing/live-write constraint

Recommendation: Do not claim human learning gains, actual enjoyment, native-browser usability, cloud deployment or unperformed testing.

Status: preserved

Locations: README.md · deployment and verification boundaries; test-v6-controls.cjs · scope output; test-backend.cjs · scope output

Behavior: Verification is labeled Node VM/fake connector integration and temporary real localhost HTTP. No permanent service, site publication, package install, browser use or live account/backend write was performed. A human delayed-transfer pilot is outside this implementation task and remains a concrete future evaluation need.