

Static/Dynamic Decision Ledger v1

Static vs Dynamic Pages: Which Fits What?

Outcome. For a bounded page requirement, identify what can remain pre-produced, what must vary, where variation can occur, and what evidence would justify the decision.

Evidence gate. For every concern, identify what varies, when it varies, who owns the variation, and what evidence supports the classification.

Classify the varying part, not the page brand

01 PRE-PRODUCED Authority: Representation exists before the specific request Boundary: It can still contain JavaScript and can be regenerated later.	02 REQUEST-VARYING Authority: Server selects or generates material using request-time inputs Boundary: A database is optional; variation can come from many inputs.	03 BROWSER-UPDATED Authority: Browser changes state or presentation after delivery Boundary: Client updates do not reveal how the initial response was produced.
04 MIXED RESPONSE Authority: Different concerns use different production/update boundaries Boundary: Split rows instead of forcing one static/dynamic label.	05 BOUNDED DECISION Authority: Change frequency, audience, freshness, evidence, and uncertainty Boundary: Performance and security require separate evidence.	

Identity, decision, and claim boundary

Learner		Reviewer	
Case / attempt		Capture date	
Scenario / concern		Decision	PRE_PRODUCED / REQUEST_VARYING / BROWSER_UPDATED / MIXED / DEFER

Claim boundary. This is a conceptual decision lesson, not a coding lab. Use only scenario facts and declared sources; preserve uncertainty and learner-authored reasoning. Static/dynamic labels do not prove performance, security, or a particular storage technology.

Required record fields and evidence tests

A field is complete only when its value is bounded, traceable, and classified. Use UNKNOWN when the required observation is unavailable or contradictory.

Field	Question to close	Minimum evidence	Invalid promotion
scenario_boundary	What does scenario boundary mean in this case?	Bounded scenario fact, source, or observable	Inference can be relabeled as observation
observed_facts	What was actually observed for observed facts?	Scenario fact or direct observation with a locator	An inference is promoted to a fact
bounded_inferences	Which facts support bounded inferences?	Reasoning tied to an observation and explicit limit	Plausibility is treated as proof
decision	How is decision bounded and justified?	Allowed classification, reason, boundary, and reviewer	A page-wide label replaces row-level analysis
failure_probe	What evidence closes or revises failure probe?	Smallest relevant observation or counterexample	A named tool or source is assumed to have been checked
missing_evidence	What evidence closes or revises missing evidence?	Smallest relevant observation or counterexample	A named tool or source is assumed to have been checked
non_claims	What remains outside non claims?	Explicit unknown, constraint, or non-claim	Missing evidence is hidden or converted to confidence
transfer_result	What does transfer result mean in this case?	Bounded scenario fact, source, or observable	Inference can be relabeled as observation

Evidence and failure states

Evidence: OBSERVED / INFERRED / UNKNOWN. Decisions: PRE_PRODUCED / REQUEST_VARYING / BROWSER_UPDATED / MIXED / DEFER. Failure layers: RESPONSE_PRODUCTION / REQUEST_VARIATION / BROWSER_UPDATE / DATA_ASSUMPTION / PERFORMANCE_OR_SECURITY_OVERCLAIM / UNKNOWN.

Static/Dynamic Concern Decision Ledger

English support projection from derived_text/tables/WEBF-003-DECISION-RECORD.template.json. This example demonstrates field relationships; it does not supply the learner's transfer or final decision evidence.

Field	Governed example value	Evidence question	Boundary check
scenario_boundary	Documentation page with prebuilt article, browser theme, and request-time service-status badge	What observation supports scenario boundary?	Is the conclusion no stronger than this value?
observed_facts	Article is generated during publishing; theme is stored in the browser; status depends on current service state.	What observation supports observed facts?	Is the conclusion no stronger than this value?
bounded_inferences	The article can be pre-produced, theme can update in the browser, and the badge may require request-time or later data.	What observation supports bounded inferences?	Is the conclusion no stronger than this value?
decision	Use separate rows: PRE_PRODUCED article, BROWSER_UPDATED theme, and REQUEST_VARYING or UNKNOWN status badge pending evidence.	What observation supports decision?	Is the conclusion no stronger than this value?
failure_probe	Remove the database and ask which variations still exist; remove JavaScript and ask how the initial response is produced.	What observation supports failure probe?	Is the conclusion no stronger than this value?
missing_evidence	Status freshness requirement, update mechanism, cache policy, and initial response generation details.	What observation supports missing evidence?	Is the conclusion no stronger than this value?
non_claims	No claim that static forbids JavaScript, dynamic requires a database, or one approach is always faster or safer.	What observation supports non claims?	Is the conclusion no stronger than this value?
transfer_result	Apply the same concern-level classification to a catalog with prebuilt descriptions and per-user account data.	What observation supports transfer result?	Is the conclusion no stronger than this value?
Source-package validation	ACCEPTED_IMPORTABLE; 0 blockers; 0 warnings · QA_ACCEPTED_ELIGIBLE		

Complete Static/Dynamic Decision Ledger v1

Enter one bounded value per required field. Every material entry needs an evidence locator and a state. Use additional workbook rows when the artifact needs multiple concerns, responsibilities, resources, or path steps.

Required field	Learner value	Evidence locator	State / review note
scenario_boundary			OBSERVED / INFERRED / UNKNOWN
observed_facts			OBSERVED / INFERRED / UNKNOWN
bounded_inferences			OBSERVED / INFERRED / UNKNOWN
decision			OBSERVED / INFERRED / UNKNOWN
failure_probe			OBSERVED / INFERRED / UNKNOWN
missing_evidence			OBSERVED / INFERRED / UNKNOWN
non_claims			OBSERVED / INFERRED / UNKNOWN
transfer_result			OBSERVED / INFERRED / UNKNOWN

Human closure

Decision	PRE_PRODUCED / REQUEST_VARYING / BROWSER_UPDATED / MIXED / DEFER	Reviewer	
Residual uncertainty		Consequence	
Smallest next evidence		Evidence owner / date	

Bound concern → observe → classify → stress → decide

Analyze one responsibility at a time. A changed condition is a counterexample probe, not permission to invent implementation facts.

Case	Bounded concern or change	Provisional decision	Deciding evidence	Learner observation	Stable / unresolved boundary
ARTICLE	Documentation content is produced during publishing	Classify article representation as PRE-PRODUCED	Publishing trigger and unchanged served artifact	<div></div>	<div></div>
THEME	Browser applies a stored light/dark preference	Classify theme application as BROWSER-UPDATED	Browser state and post-delivery update	<div></div>	<div></div>
STATUS BADGE	Badge reflects current service state	Request-time or later fetch is plausible, not proven	Freshness requirement and actual update path	<div></div>	<div></div>
ACCOUNT PANEL	Content varies per authenticated user	Treat the user-specific concern separately	Identity boundary, response path, and privacy constraints	<div></div>	<div></div>

Reasoning sequence

Phase	Action	Required capture	Truth rule
Boundary	List page concerns rather than one page label.	Scenario fact, evidence locator, or explicit UNKNOWN	Static/dynamic labels do not prove performance, security, or a particular storage technology.
Boundary	Mark what varies and its trigger.	Scenario fact, evidence locator, or explicit UNKNOWN	Static/dynamic labels do not prove performance, security, or a particular storage technology.
Boundary	Preserve UNKNOWN when the production path is not supplied.	Scenario fact, evidence locator, or explicit UNKNOWN	Static/dynamic labels do not prove performance, security, or a particular storage technology.
Stress test	Add JavaScript to a pre-produced page without changing the response classification.	Prediction, changed assumption, stable boundary, next evidence	A plausible counterexample does not become an observed implementation fact
Stress test	Remove the database while retaining request-time variation.	Prediction, changed assumption, stable boundary, next evidence	A plausible counterexample does not become an observed implementation fact
Stress test	Split a mixed page into independent rows.	Prediction, changed assumption, stable boundary, next evidence	A plausible counterexample does not become an observed implementation fact

Guardrail. JavaScript does not automatically make a response dynamic, and no database does not automatically make it static.

Changed-context transfer

Classify a catalog with prebuilt descriptions, live inventory, a browser preference, and per-user account data.

Transfer item	Changed-context requirement	Learner evidence	Review check
Scenario	State the changed concern, resource, or responsibility boundary.	_____	Worked scenario not copied
Observed facts	Record only facts supplied or directly observed.	_____	Inference stays separate
Concern split	Create separate rows for independent responsibilities or paths.	_____	No page-wide shortcut
Classification	Choose only PRE_PRODUCED / REQUEST_VARYING / BROWSER_UPDATED / MIXED / DEFER or preserve UNKNOWN.	_____	Placement is justified
Failure probe	Apply one counterexample that tests an over-broad claim.	_____	No invented mechanism
Non-claims	State at least two limits plus the smallest next evidence.	_____	Residual and next evidence stated

Non-compensatory review

Critical dimension	PASS / REPAIR	Evidence locator	Repair or rationale
Scenario and responsibility boundary correctness	_____	_____	_____
Observation, inference, and source traceability	_____	_____	_____
Decision rationale and next-evidence quality	_____	_____	_____
Failure diagnosis and overclaim resistance	_____	_____	_____
Transfer, residual uncertainty, and non-goals	_____	_____	_____

Canonical QA gate

Validation	ACCEPTED_IMPORTABLE; 0 blockers; 0 warnings	Disposition	QA_ACCEPTED_ELIGIBLE
Blocker / note	The evidence contract and canonical template control: Static/Dynamic Decision Ledger v1 supersedes the older registry alias.	Clearance receipt	_____

Media decision. Deck and video are NOT_APPLICABLE_WITH_RATIONALE; the embedded visuals, editable record, worksheet, and learner-authored reasoning are the assessed support.