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# AgileAI Learn Surface

## Governance System Context — Version 1.0

Status: Stable · Frozen · Production Baseline
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1. Purpose

The Learn Surface (learn.agileai.university) is a public academic reference layer.

It is not a marketing site, not a funnel, and not a course marketplace.

Its purpose is to:

- Establish intellectual authority
- Deliver structured clarity
- Maintain institutional tone
- Separate learning from monetized assessment layers

2. Architecture Decisions (Locked)

Desktop Navigation

- Hover-based dropdown
- Pure CSS visibility control
- No JS open state
- Micro fade + lift animation
- Backdrop blur enabled
- Arrow rotation on hover
- No dropdown gap

- Infinite nesting supported

Mobile Navigation

- Dedicated hamburger architecture
- Hamburger transforms to X
- Scroll lock via body.nav-open
- Accordion animation via .is-open
- Outside-click close
- ARIA attributes enabled
- No hover logic on mobile

3. Theme System (Critical Constraint)

Version: Theme Controller v7.5

Rules:

- Dark mode uses data-theme="dark"
- Light mode uses no attribute
- headerInjected event is mandatory
- No polling or MutationObserver
- Deterministic initialization only

4. Header Injection Model

- Injected via header.js

- Rendered into
- Must dispatch: document.dispatchEvent(new Event("headerInjected"))

This is a non-negotiable dependency for theme stability.

5. Accessibility Commitments

- ARIA attributes maintained
- aria-expanded managed via JS
- Keyboard accessible navigation
- Outside-click support
- Focus safety enforced

6. Design Philosophy

Typography: Georgia serif baseline

Tone: Institutional, academic

Color: Neutral grayscale

Motion: Subtle, performance-safe

No marketing UI allowed

7. Hosting Constraints

Environment: GitHub Pages

- Static hosting only

- No build tools

- Vanilla JS only

- No frameworks

- No bundlers

8. Forbidden Changes

Do NOT:

- Merge desktop/mobile logic

- Remove headerInjected event

- Replace hover with click on desktop

- Add heavy JS state machines

- Introduce frameworks

- Break ARIA compliance

9. Classification

UI Infrastructure — Tier 1

Production Baseline — Frozen