

SYSTEM CONTEXT LOCK — Agile AI University

Status: FINAL · LOCKED · GOVERNANCE RECORD

Date: 8 Feb 2026

Applies to: Entire Agile AI University Platform (single system, single project)

1. PURPOSE OF THIS DOCUMENT

This document formally **locks the system context, architectural decisions, operational rules, and governance constraints** for Agile AI University as of the current state.

It exists to: - Prevent accidental regressions - Avoid scope drift - Enable fast execution toward **cash-flow critical paths** - Allow clean handover across chats, contributors, or time gaps

From this point onward, **all work must comply with this document unless explicitly unlocked via a new governance decision.**

2. CANONICAL SYSTEM DEFINITION

Agile AI University operates as **one unified system**, not multiple experiments.

2.1 Core Characteristics

- Independent academic & professional body
- Advisory, interpretive, non-certifying (except defined credentials)
- No hiring evaluation claims
- No enterprise governance simulation claims

2.2 Deployment Model

- **Frontend:** Static sites (Firebase Hosting)
 - **Backend:** Google Cloud Run (Node.js / Express)
 - **Auth:** Firebase Authentication
 - **Data:** Firestore
 - **Payments:** Razorpay (existing integration)
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3. BACKEND (CLOUD RUN) — LOCKED

3.1 Canonical Backend File

- **File:** `cloudrun-portal/index.js`
- **Status:** CANONICAL · DROP-IN ONLY
- No partial edits allowed
- Full-file replacement only

3.2 Health & Readiness Endpoints

Endpoint	Purpose	Monitoring	Status
/	Canonical health	YES	LOCKED
/health	Compatibility alias	YES	LOCKED
/ready	Container readiness	NO	LOCKED
/_meta	Backend metadata	NO	LOCKED
/_health/firestore	Firestore safety	NO	LOCKED

Rule: - Only / and /health are monitored - /ready is intentionally NOT monitored

4. MONITORING & ALERTING — LOCKED

4.1 Uptime Monitoring

- Google Cloud Monitoring Uptime Check
- Target: /health
- Protocol: HTTPS
- Frequency: Default (Google-managed)

4.2 Alerting Policy

- **Name:** AAIU Cloud Run Backend – Health Check Failure
- Trigger: Uptime failure
- Retest window: 1 minute

4.3 Notification Channels

- **Email ONLY**
- No WhatsApp, SMS, Slack, or PagerDuty
- Email alerts have **zero incremental cost**

Decision: WhatsApp intentionally skipped due to: - Cost - Operational noise - Non-criticality at current scale

5. DASHBOARDS — LOCKED

5.1 Custom Dashboard

- **Name:** Cloud Run Backend – Health Status
- Type: Custom

5.2 Widgets

Widget 1: Uptime Status - Metric: `Uptime Check URL → Check passed` - Filter: `check_id = aaiu-cloudrun-backend-health-<id>` - Aggregation: `Fraction true` - Display: `Scorecard (percentage)`

Purpose: - One-glance operational confidence - No alert fatigue

6. SECURITY & GOVERNANCE — LOCKED

6.1 Public Endpoints

- Rate limited
- reCAPTCHA protected
- Country allowlist supported

6.2 Admin Endpoints

- Firebase Auth required
- IP allowlist enforced

6.3 CORS

- Strictly limited to:
`https://assessment.agileai.university`
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7. PHASE-2 EXECUTIVE INSIGHT — LOCKED (RECONFIRMED)

- Free report = Orientation only
- Paid report = Decision-support advisory
- No scoring or question changes
- Session-based access only
- No direct URL access

This lock remains unchanged.

8. CURRENT SYSTEM STATE (FACTUAL)

- Monitoring: Active
 - Alerts: Email only
 - Dashboard: Live
 - Backend: Stable
 - Revenue: ₹0 since Nov 2025 (CRITICAL)
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9. NEXT EXECUTION PRIORITY — CASH FLOW CRITICAL PATH

From this point onward, **ALL work prioritizes revenue enablement.**

9.1 Execution Order (LOCKED)

1. Student Portal completion
 2. Executive Portal completion
 3. Paid Executive Insight Report flow
 4. Course enrollment
 5. Certificate generation
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10. DELIVERY ESTIMATES (REALISTIC)

Assuming focused execution (2–4 hrs/day):

Component	Effort
Student dashboard (view + access)	6–8 hrs
Executive dashboard (paid gating)	6–8 hrs
Executive Insight report polish	4–6 hrs
Course enrollment flow	6–10 hrs
Certificate generation & lookup	6–8 hrs

Total: ~28–40 hours

This is achievable in **7–10 focused days.**

11. NON-NEGOTIABLE RULES GOING FORWARD

- No architectural rewrites
 - No new tech stacks
 - No speculative features
 - No unpaid scope expansion
 - Everything ties back to revenue or trust
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12. FINAL GOVERNANCE STATEMENT

This system is now **STABLE, OBSERVABLE, and READY FOR REVENUE EXECUTION.**

Any future change must: 1. Reference this document 2. State what is being unlocked 3. State why it impacts revenue

LOCK CONFIRMED — END OF DOCUMENT