

Requirements Engineering – Riwi Dashboard

Administrator version

1. Context and Objectives

Problem. Lack of a centralized tool for Riwi's administration and coordination to manage and monitor performance, attendance, and motivation of the coders.

Business Objectives (KPIs).

| KPI | Target |
|---|-------------|
| Reduce unjustified absences | 15% |
| Improve academic tracking (development) | 20% |
| Adoption by administrators and coordinators within 3 months | 100% |

Expected Benefits.

- Global and detailed view of coders by location, clan, shift and module.
 - Early alerts for academic decisions. (Phase 2)
 - Reduce time spent compiling and processing information
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2. Scope and Exclusions

Scope

- Administrator dashboard: coder management (personal data, clan, academic performance).
- Visualization of academic performance (development, english and life skills).
- Global reports by location, clan, shift and module.

Exclusions (N/A unless specified).

3. Stakeholders and Roles

| Role | Responsibilities | Focus / Access |
|-------------------------------------|---------------------------------------|----------------|
| Administrator (general user) | Consumes reports and overall insights | Reports |

| Role | Responsibilities | Focus / Access |
|-------------------------|--|--------------------------------|
| Coordinator | Analyzes clans/shift/locations performance | Clan/shift/location drilldowns |
| Academic Quality | Monitors KPIs and academic indicators | KPI tracking |
| Coder | Views own progress. | Self-service profile |

4. Users, Use Cases and User Stories

4.1 Users

- **Administrator:** Responsible for global monitoring and reporting to management.
- **Coordinator:** Responsible for the performance monitoring of clans, shifts and locations.
- **Academic Quality:** Responsible for monitoring academic indicators (development, english and life skills).
- **Coder:** Views own progress.

4.2 Use Cases (High-Level)

1. **UC-1:** View global dashboard (KPIs, trends, alerts).
2. **UC-2:** View clan/shift/location dashboard (coordinator focus).
3. **UC-3:** Search coder profile (performance).
4. **UC-4:** Generate report (by location/shift/clan/module).

4.3 Sample User Stories

- *As an administrator, I want to see absenteeism trends to plan interventions.*
- *As a coordinator, I want to compare the development of clans to allocate support.*
- *As Academic Quality, I want early alerts to recommend academic actions.*
- *As a coder, I want to see my performance on a course so I can track my goal.*

5. Functional Requirements (FR)

- **FR-1:** Global dashboard with KPIs (average development, english and life skills).
- **FR-2:** Clan/shift/location dashboard with breakdowns and trend lines.
- **FR-3:** Coder profile: personal data, clan, module y development, english and life skills history.
- **FR-4:** Search and filters (location, shift, clan, module).

6. Non-Functional Requirements (NFR)

- **NFR-1 (Performance):** Dashboard loads in < 8 seconds for 95% of cases.
 - **NFR-2 (Availability):** 99.5% monthly uptime.
 - **NFR-3 (Usability):** Consistent UI.
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7. Data and Sources

Primary Data

- Coders data: personal info, clan, module, snift, location.
- Academic: module scores, progress.

Sources/Integrations (to be confirmed)

- Google Sheets / Internal DB (staging to be defined).
 - Manual uploads (CSV) for pilot phase.
 - Test moodle user
 - Excel grades documents
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8. Business Rules

- **BR-1:** Development score threshold < X triggers alert.
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9. Visualizations (Initial Sketch)

- **Global dashboard:** KPI cards (Stats for location, shift, clan and general, Avg of courses) this is information gonna be show in cards and grafits
 - **Coder profile:** sparkline of development, english and life skills
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Notes

- MVP in 2–4 weeks (pilot) with essential dashboards and filters
- Iterate with feedback from coordinators.