**Operational Monitoring Dashboards**

**Purpose:** To provide real-time visibility into the health, usage, and performance of the deployed systems for both technical teams and project managers.

**Key Components:**

* **System Health Metrics:** Live metrics on CPU usage, memory consumption, disk I/O, and uptime — segmented by environment (prod, staging, failover).
* **Business KPI Dashboards:** CRM utilization metrics (e.g., new donor records, disbursement approvals, M&E submissions) — linked to project logframes.
* **Latency & API Error Trackers:** Detailed reports on page load times, HTTP response codes, request throughput, and error rates per endpoint.
* **Custom Alert Rules:** Thresholds for auto-alerts via email/SMS/Slack (e.g., "CRM sync queue exceeds 300", "disk space <10%", "login failure spike > 30%").

**Field Office Views:** Role-based dashboards tailored for field teams, showing offline sync status, pending approvals, and mobile usage trends