**Transaction Monitoring Dashboards and Alerts**

**Project Timeline:** April 2024 – June 2024 (Reporting Phase)

**Description:**  
During the reporting phase of the project, real-time transaction monitoring dashboards were developed and deployed to track mobile money transactions. These dashboards provide comprehensive views of transaction volumes, success rates, latency, and error trends.

**Details:**

* Dashboards built using Grafana integrated with Prometheus metrics from the transaction processing system.
* Automated alerts configured to notify the operations team within 5 minutes of any abnormal transaction spikes or failure rates exceeding 2%.
* Integration with fraud detection systems to trigger incident workflows instantly.

**Purpose:**  
Enable proactive monitoring and rapid response to maintain system reliability and customer trust.