

**Requirement Title:** Integration of your MIS with Hospital Financial System

**Description:** The Management Information System (MIS) must seamlessly integrate with the hospital's financial system to enable real-time data exchange and synchronization. This integration will facilitate automated financial operations such as billing, payments, revenue tracking, and cost management while ensuring accurate financial reporting and transparency across departments.

- The MIS must integrate with the hospital financial system.
- The financial system must provide real-time updates on payments, outstanding bills, and insurance reimbursements to the MIS.
- Data exchange between your MIS and financial system must include, but not be limited to:
  - Patient billing records
  - Medical insurance claims
  - Pharmacy charges
  - Medical staff fees and schedules
  - Inventory and procurement costs

The integration must support standardized data formats (e.g., HL7, FHIR, or APIs) to ensure compatibility and interoperability.

You will need to reflect this change on all documents, boards, diagrams, versions of your project. Apply all Requirements Management and change management concepts (covered in our course) on your project. Your final presentation should include this part with elaboration.