

FTM/JJ Private Hospital

AI-Powered EHR Implementation Project

Transforming Healthcare Delivery through Intelligent Systems

ICT Management Team

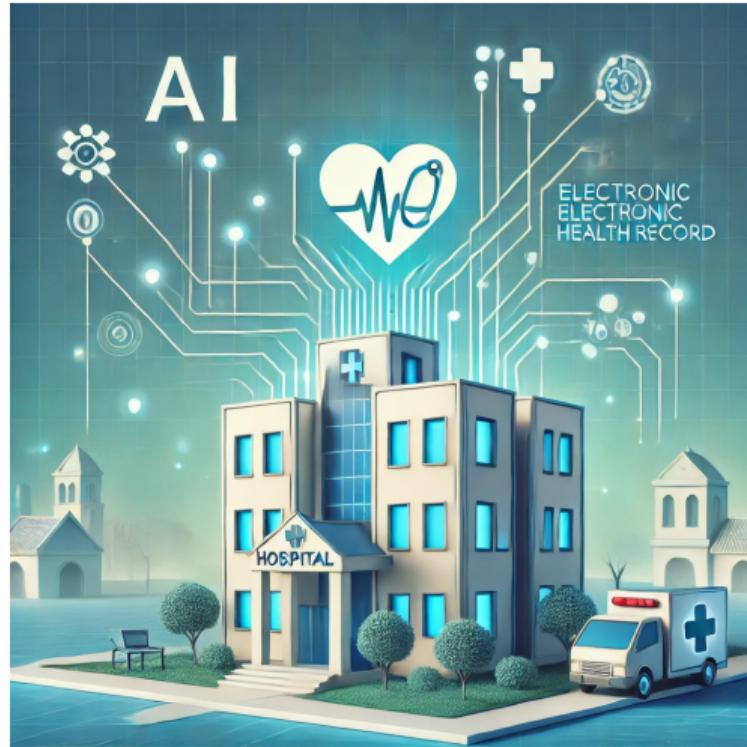
April 19, 2025



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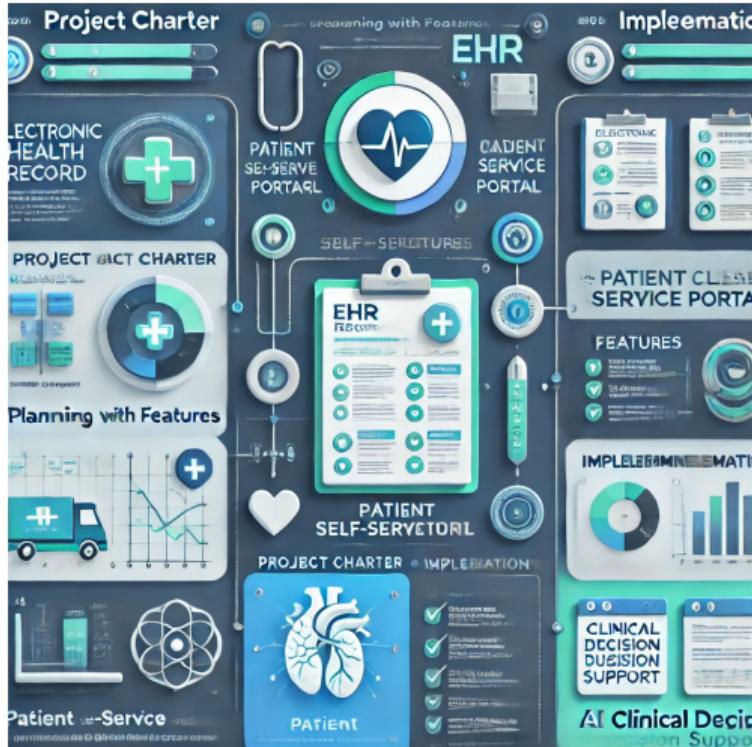
Project Overview



Current Challenges



System Overview



The Opportunity

Current Challenges

- Fragmented patient records
- Limited healthcare access
- Manual process inefficiencies
- Security vulnerabilities

The Opportunity

Implement an AI-powered EHR system to transform healthcare delivery in underserved regions



Problem Statement

In remote African regions, private hospitals face challenges in care delivery. The lack of a centralized system leads to inefficiencies and compromised care. This project presents an opportunity to implement an AI-powered EHR system that improves clinical workflows and efficiency.



Transforming healthcare through intelligent systems and patient-centric design

Key Features of AI-Powered EHR

① Secure Patient Registration

Biometric verification, digital profiles

② Patient Self-Service Portal

Mobile app for records, appointments

③ AI Clinical Decision Support

Diagnosis assistance, treatment planning

④ Integrated Payment System

Digital transactions, receipts

⑤ Analytics Dashboard

Trends, resource utilization



Patient Self-Service Portal

Key Capabilities

- Schedule appointments
- Access medical records
- Medication reminders
- Bill payments

Patient Benefits

- Reduced waiting times
- Greater care engagement
- Enhanced communication



AI Clinical Decision Support

Clinical Intelligence

- Pattern recognition in patient data
- Evidence-based treatment suggestions
- Risk stratification tools
- Treatment outcome predictions

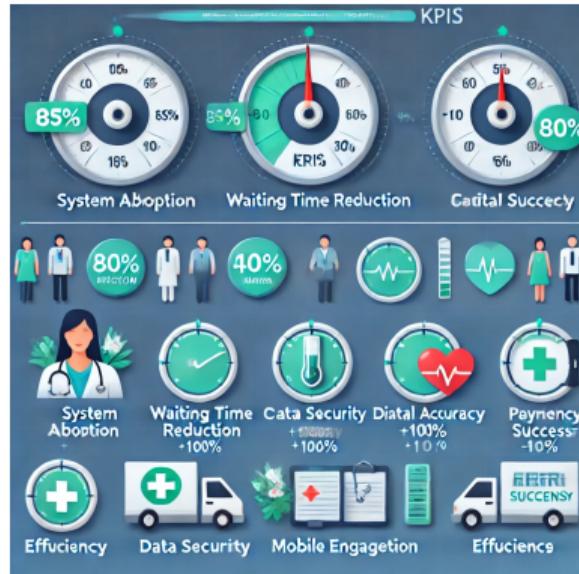
Healthcare Provider Benefits

- Enhanced diagnostic accuracy
- Reduced medical errors
- Standardized care protocols



Project Success Criteria

Key Performance Indicator	Target
System Adoption Rate	85%
Patient Waiting Time Reduction	40%
Data Security Compliance	100%
Clinical Decision Accuracy	+25%
Digital Payment Success	90%+



Implementation Timeline



- Q3 2025 Requirements finalization, vendor selection
- Q4 2025 System development and customization
- Q1 2026 Testing, user acceptance, and refinement
- Q2 2026 Staff training and patient education
- Q3 2026 Full system deployment and go-live

Implementation Timeline



Expected Benefits

For Patients

- Improved care quality
- Enhanced access to services
- Better communication

For FTM/JJ Hospital

- Improved efficiency
- Enhanced revenue management
- Data-driven decisions

For Healthcare Providers

- Accurate clinical decisions
- Reduced admin burden
- Evidence-based support



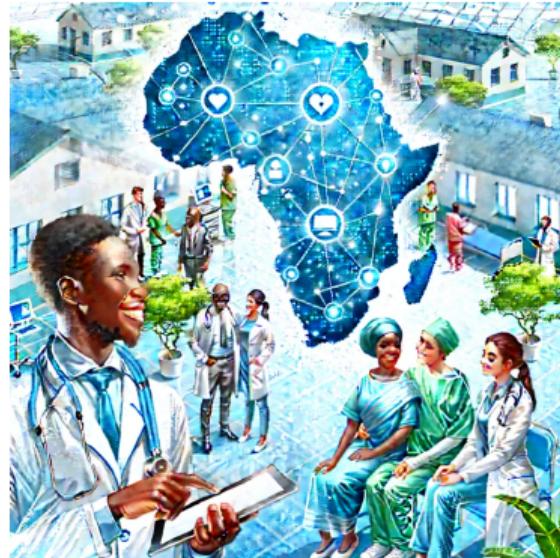
Next Steps

Key Takeaways

- Strategic investment in AI-EHR
- Addresses core challenges
- Patient-centered design

Next Steps

- ① Secure executive sponsorship
- ② Finalize requirements
- ③ Form implementation team



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