Rongo University Hackathon 27th-30th May 2021

Hackathon Challenges

Methodology

- Hackathon challenges elicitation through county engagements-CHMT, DCS and EMR Assessments.
- Hackathon challenges developed by Rongo University
- Hackathon challenges jointly reviewed and revised with HealthIT output leads

	MoH			
	Priority area	**Description**	**Tasks**	**Team Lead's Remarks**
1	KHIS-KMHFL Metadata resolution	Metadata resolutions KMHFL-KHIS comparison e.g update MFL code in DHIS2		Metadata resolutions KMHFL-KHIS comparison e.g update MFL code in DHIS2
2	KHIS-DATIM data exchange	Data Exchange with DATIM is manual	Automate process of data pull	Data Exchange with DATIM is manual(Automate process of data pull.
3	OpenMRS integration	Integration of OpenMRS with Mpesa and other online money platform	Intergrate Mpesa with openMRS	
4	OpenMRS integration	OpenMRS integration with other HIS systems	Send patient data from OpenMRS to other hospital systems	
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5	Health Commodities Dashboard	Visualization of service data and consumption data for comparison and accountability	Develop information products on service data vs consumption data for RDTs	Comparison, Service data and commodity consumption
6		Visualization of service data and facility issues data to enhance accountability	Develop information products on service data vs issues data for LLINs	LLIN: number of nets issued through service delivery

	DCS			
7	CPMIS - Visualization	Identification of hotspots and capturing bio data geographical information. (python DJango)		Data sets from systems with various case categories/ case intervention/ caseload: against geoloc
8	CPIMS registration	Biometric data capture		