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MINISTRY OF HEALTH - ETHIOPIA

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HEALTHIER CITIZENS FOR PROSPEROUS NATION

OPEN GENERIFICATION IN DHIS2 VS UPGRADE ETHIOPIA

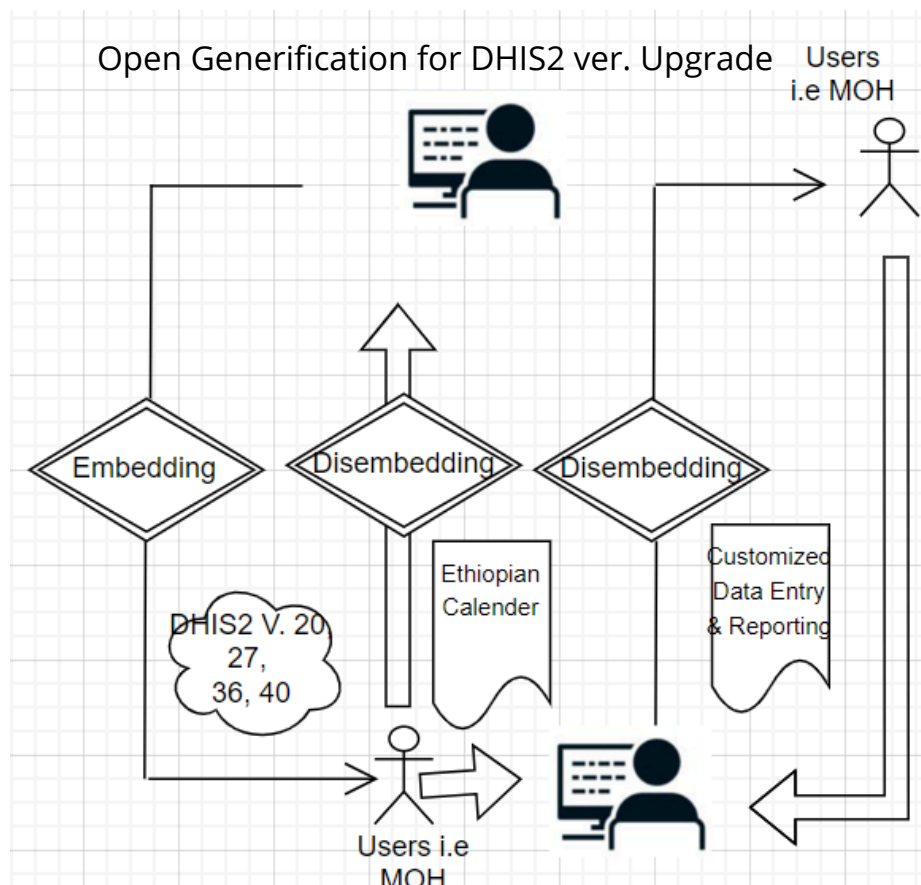


Background

- DHIS2 v 2.27 was implemented nationwide in 2017.
- Three DHIS2 version upgrades have been made in 2019, 2022, 2024.
- Revised data elements, indicators, and metadata issues
- DHIS2 technology advancement
- DHIS2 version upgrade should conform the Ethiopian context such as Ethiopian calendar, fiscal year, customized data entry interface and associated reports
- DHIS2 core modification and application development

Challenges/Method

- Core & app level system development
- Lack of local developers familiar with DHIS2 framework
- Took lengthy time and significant cost



Solution/Results

- Embedding the Ethiopian calendar in the global core yet not all
- Minimized core level development time and cost
- Capacitating more than 7,000 health staff with DHIS2
- Adequate local capacity has been created for customization
- Plan to capacitate local staff with core level code development

Customized Data Entry Interface

Arabi Health Center

01.2 - Reproductive and Maternal Health | Hospital, Health center, Clinic | Monthly

Hidar 2017 Previous periods Next periods

Family Planning. RMNCH - Family planning services provided

RMH	Reproductive and Maternal Health	Number
MAT_CAR_Age	MAT_New and Repeat Contraception	
MAT_CAR_Age.1	Contraceptive new acceptors by age	
MAT_CAR_Age.1.1	AAA	
MAT_CAR_Age.1.2	10 - 14 Years	
MAT_CAR_Age.1.3	15 - 19 Years	
MAT_CAR_Age.1.4	20 - 24 Years	
MAT_CAR_Age.1.5	25 - 29 Years	
MAT_CAR_Age.2	30 - 49 Years	

maternal health last 6 month Customized Data Set Report

		MAT_ANC 1st by Maternal Age	MAT_ANC >= 4 by Gestational Week	MAT_ANC >= 4 by Maternal Age	MAT_ANC >= 8 Contacts	MAT_ANC-1s by Gestational Week
Miazia 2016	Addis Ababa Region	1,214	789	774	538	1,044
Ginbot 2016	Addis Ababa Region	2,690	2,064	2,053	831	2,053
Sene 2016	Addis Ababa Region	2,166	1,474	1,474	1,044	2,053
Hamle 2016	Addis Ababa Region	2,003	1,722	1,667	923	2,053
Nehase 2016	Addis Ababa Region	14	10	10	5	10
Meskerem 2017	Addis Ababa Region	103	49	49	66	10
Tikemet 2017	Addis Ababa Region					
Hidar 2017	Addis Ababa Region	12	8	52	44	10
Tahesas 2017	Addis Ababa Region	19	15	15	8	10
Tir 2017	Addis Ababa Region					
Yekatit 2017	Addis Ababa Region	453	293	293	151	10
Megabit 2017	Addis Ababa Region					
Total		8,674	6,424	6,387	3,610	8,674

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