

CHISU Results in Action

Satu Sehat: Indonesia Goes Big With Health Information Exchange Platform For The Entire Country

Thousands To Benefit From Integrated Health Records And Databases In Indonesia.

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Background

The Ministry of Health of Indonesia decided to change the management and use of data in the country and created a digital health transformation strategy to streamline and integrate systems, as well as improve data management and use more broadly.

Central to this strategy, which focuses on building governance structures and strengthening systems and interoperability, is the development of the Satu Sehat platform.

Satu Sehat, or “One Health,” is a health information exchange platform that serves as a core component to support the exchange of data among health facility information systems, both private and public, as well as other health data management information systems throughout Indonesia, creating a shared health record for all Indonesians.

To help embed Satu Sehat into Indonesia’s digital health transformation after over ten years of discussions, the Ministry of Health released the electronic medical records (EMR) regulation, requiring all health facilities to adopt an EMR, essentially leading to the digitalization of health services at all levels of the health system.



Satu Sehat launch.
Photo Credit: CHISU Indonesia.

Challenge

Throughout the world, the COVID-19 pandemic demonstrated the fragility of existing health systems. Indonesia, a country that had invested for years in digital health tools, recognized a massive gap in quality real time information and issues around coordination and management of this data to create actionable information.

Solution + Process

The Ministry of Health has employed a multi-faceted approach to Satu Sehat's rollout in collaboration with CHISU, which included the development of the Fast Healthcare Interoperability Resources (FHIR) implementation guides, training, and a regulatory sandbox.¹ One of the key steps was to work with public and private stakeholders at the subnational level to enable interoperability between hospitals and community health centers' information systems and the Satu Sehat platform.

Providing hands-on training, by September 2022 the Ministry of Health had been able to connect 3,587 community health centers in East Java to Satu Sehat, allowing for the secure exchange of individual level data between these systems.

Impact

Once Satu Sehat is live (starting in early 2023), citizens will be able to visit any community health center in East Java and, together with their healthcare providers, have access to their health records through the exchange of data through Satu Sehat. This will not only allow health workers to have access to a more comprehensive set of individual health data to better inform decisions, but will also empower individuals with their own health data, potentially improving health prospects and outcomes.

Agus Rachmanto, Deputy Chief of Digital Transformation Office, noted, "Satu Sehat marks the future of the digital health transformation in Indonesia. And new regulation for EMR (PMK 24/2022) safeguards its implementation."



Satu Sehat pilot in Malang.
Photo Credit: CHISU Indonesia.

¹ A safe testing environment.



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