

Problem statement ID - 25083

Problem Statement title

An SDG-Aligned Digital Health Record and Surveillance System for Migrant Workers in Kerala

Project title - CareChain: Consent-Driven Migrant Health Monitoring Platform

Description

The lack of interoperable digital health records for Kerala's migrant workforce creates critical gaps in epidemiological surveillance, disease traceability, and continuity of care. This necessitates a secure, centralized health information system with real-time data synchronization, standardized health data protocols, role-based access control, and regulatory-compliant consent management, with AI used for intelligent data analysis and decision support. Such an SDG-aligned digital platform would enable early disease detection, coordinated public health response, and equitable healthcare delivery while strengthening health system resilience and disease elimination strategies.