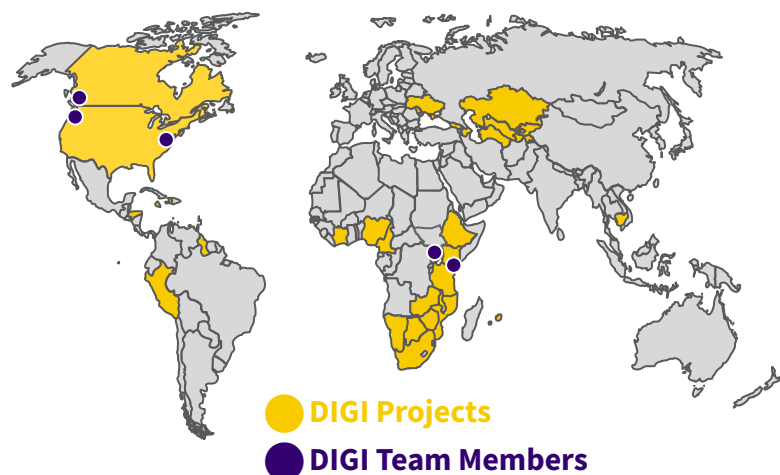# DIGI Digital Initiatives Group at I•TECH

ABOUT DIGI

The Digital Initiatives Group at I-TECH (DIGI) envisions a world where health workers, clients, and communities are empowered with information that improves the quality, equity, and efficiency of health care services. DIGI brings a seasoned, multi-disciplinary team with a love of learning and with experience in strengthening national-scale health information systems and implementing digital health interventions around the world. We are committed to collaborating with global communities of practice to develop and enhance digital tools and provide technical assistance for effective implementation and sustainability.

DIGI MISSION

> Deliver innovative, appropriate, and user-centered digital health solutions that accelerate improved health outcomes

> Improve access to information and support decision-making by health workers, clients, and communities

> Collaborate with global communities of practice to develop and enhance digital tools

> Provide technical assistance for effective implementation and sustainability

● **DIGI Projects**
● **DIGI Team Members**

PORTFOLIO FOCUS AREAS

DIGITAL HEALTH SYSTEMS
> Digital health planning, implementation, and management
> Digital health and mHealth design, engineering, quality assurance, and security
> eHealth (enterprise) architecture and interoperability design, engineering, implementation, and management
> National data repositories and secondary data use pipelines
> Data analysis and data visualization
> Technical project management

WORKFORCE DEVELOPMENT
> Informatics and technical upskilling, capacity strengthening
> Instructional design and training, fellowship, and academic program development
> Informatics leadership strengthening

GOVERNANCE
> eHealth strategic planning
> Digital health / eHealth technical working group formation, management, and facilitation
> Digital health guidelines and policy development
> HIS and informatics standards development and application
> Quality Assurance programs
> Conformance planning, execution, and management
> Budgeting and costing support for digital health and informatics projects

EVALUATION and ASSESSMENT
> Impact and process evaluation for digital health and informatics projects
> Quality improvement development and implementation
> Program evaluation (M&E) development and execution
> HIS / Digital health product assessment

DIGI Digital Initiatives Group at I•TECH

DIGI PRINCIPLES

> **Open Source and Global Goods**

> **Standards Based Solutions**

> **User-Centered Design**

> **Upskilling and Local Ownership**

> **Flexible and Responsive**

DIGI is a **leader in digital health global goods** communities including OpenMRS, OpenHIE, and Open LIS Community of Practice, and leadership in collaborating with the World Health Organization's Digital Health and Interoperability working group on SMART guidelines. We lead work on national health information exchange platforms, grounded in **open-source tools** and **standards**. We are leaders in the use of HL7 Fast Healthcare Interoperability Resources (FHIR), as well as other international and national terminology standards, and we promote best practices for cybersecurity and data protection across our projects.

We use **user-centered design** to understand needs and preferences, and empower individuals at all levels of the health system. As part of an academic institution, DIGI seeks two-way learning through every project, iterating on proposed solutions until we get it right and applying our learning across projects.

Approaching our work from a foundation of excellent project management, DIGI delivers digital health technical solutions that promote **ownership and sustainability**. DIGI embraces **upskilling** of teams across projects, through mentorship and peer-to-peer learning. Our UW service center administrative mechanism allows us to bring together skilled teams who can be assigned to projects in a **flexible, responsive way**. DIGI's nesting within I-TECH and the UW Department of Global Health helps us to leverage diverse resources and staff from departments across the University and across I-TECH's network of country offices and country partners.

WORKING WITH DIGI

DIGI's team includes **digital health specialists, health workforce specialists, data analysts, software engineers, and research and evaluation specialists** who are assigned to projects that align with their expertise. DIGI also has access to a global network of staff, consultants, and vendors. Roles for DIGI's project staff and any necessary vendors or consultants are established within a Project Agreement or formal contract. A DIGI Project Lead then serves as the primary point of contact with the client, and coordinates DIGI team members toward harmonized contributions toward project objectives. The DIGI team debriefs internally to share best practices and lessons learned across projects.

DIGI is a **non-profit service center within University of Washington** that operates under billing rates approved annually by the UW's Management Accounting and Analysis Unit. Clients are typically billed monthly for DIGI services based upon DIGI's approved hourly rates and the number of hours DIGI team members actually work on each project.

LET'S COLLABORATE!

To learn more about DIGI, please email us at **digit@uw.edu** or visit **uwdigi.org**