



MEMORANDUM OF UNDERSTANDING (MoU) Between Health Informatics Lab, Department of Computer Science and Engineering, Kathmandu University and Health Samurai

Preamble

This Memorandum of Understanding (MoU) is entered into by and between the Health Informatics Lab, Department of Computer Science and Engineering, Kathmandu University, Health Samurai with the intent to foster academic and technical collaboration in the field of health informatics and digital health standards.

Fast Healthcare Interoperability Resources (FHIR) is a global standard developed by HL7® for exchanging healthcare information electronically. FHIR plays a vital role in enabling interoperability among healthcare systems, supporting better care coordination, and enhancing patient outcomes through efficient data sharing. As the adoption of FHIR grows globally, there is an increasing need for skilled professionals and research initiatives focused on FHIR-based solutions.

Aidbox by Health Samurai is a platform that provides infrastructure and tools for building healthcare applications based on the FHIR standard. It simplifies and accelerates the development process by offering a robust FHIR server, data management tools, and API-based services tailored for healthcare developers. More about the platform can be found at <https://www.health-samurai.io/fhir-server>.

Objectives of the MoU

The primary objectives of this collaboration are as follows:

1. Academic Collaboration:

Facilitate academic cooperation between Health Samurai and the Health Informatics Lab through joint research, co-development of FHIR-based projects, project and thesis supervision and knowledge-sharing initiatives.

2. Skilled Resource Development:

Promote the development of skilled professionals in the FHIR domain by integrating Aidbox into training modules, workshops, and student projects at Kathmandu University.

3. Technical Support and Guidance:

Provide technical support and mentorship to students and researchers working on FHIR and health informatics-related projects using Aidbox tools and platforms.

4. Access to Aidbox Platform:

Enable students and faculty at the Health Informatics Lab to access the Aidbox platform for educational and research purposes, including sandbox environments for testing and development.

5. Capacity Building:

Organize webinars, guest lectures, and hackathons led by the Aidbox team to build awareness

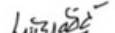
and deepen understanding of FHIR standards and applications in real-world healthcare settings.

Summary

This collaboration marks a significant step forward in strengthening the Health Informatics Lab's capability to contribute to the digital transformation of healthcare systems. By integrating Aidbox into academic activities, Kathmandu University aims to develop a skilled workforce, advance research in health data interoperability, and foster innovation aligned with global standards. Aidbox's support will ensure that students and researchers are equipped with modern tools and guidance, enabling them to create meaningful, impactful solutions in the health informatics domain.


Signatories

For Health Informatics Lab, Kathmandu University

Name: Dr Rabindra Bista
Designation: Associate Professor
Signature: 

Date: 2025-08-03

For Aidbox by Health Samurai

Name: Daniil Chistoforov
Designation: Marketing Manager
Signature: 

Date: 2025-08-03