

Task 2 – AI + IoT Proposal

Deliverable: 1-page proposal + system diagram

◆ Proposal

We propose an **AI-powered Smart Health Monitoring System**. Wearable IoT sensors continuously collect data (heart rate, temperature, activity). The data is processed by an Edge AI model that predicts anomalies such as arrhythmia or fever. Alerts are sent to healthcare providers in real time.

Benefits:

- Low latency (edge processing).
- Reduced bandwidth (local inference).
- Real-time medical insights in remote areas like Kakuma.

System Diagram

