Project: The home healthcare monitoring system (2HMS)

Advisor: NGUYEN XUAN SAM
I^o^T Lab.
Internet of Things Laboratory
Faculty of Computer
Executive Summary

Several vital signals are collected and forwarded to the medical server, the doctor, etc, in real-time requirements.

Object targets:
- provide vital signals at remote hosts and smart phone.
- Improve current reliable data transmission solutions
- improve energy saving

Time schedule:
Weeks 1-4: how the systems work
Weeks 5-9: how to simulate the systems
Weeks 10-14: how to add more sensing modules to the sensor nodes
Weeks 15-24: implementation
Weeks 25-29: results

Lessons Learned:
- mhealth system
- network simulation
- sensor and actuators
- how to make a new protocol at MAC layer and routing layer

Contact me via samnx dot uit dot edu dot vn. Thanks!