

Group 28 Total Home Solutions:

Ernesto Perez Vides
Shaun Aiken
Geoff Radons
Benjamin Duong
Abdel Rahman El-Shaarawi

Contact Us

TeamTHS499@Gmail.com
<https://onlineacademiccommunity.uvic.ca/th/>

SMART HOME SYSTEMS

A BME/CENG /ELEC/SENG 499 PROJECT

Our Vision

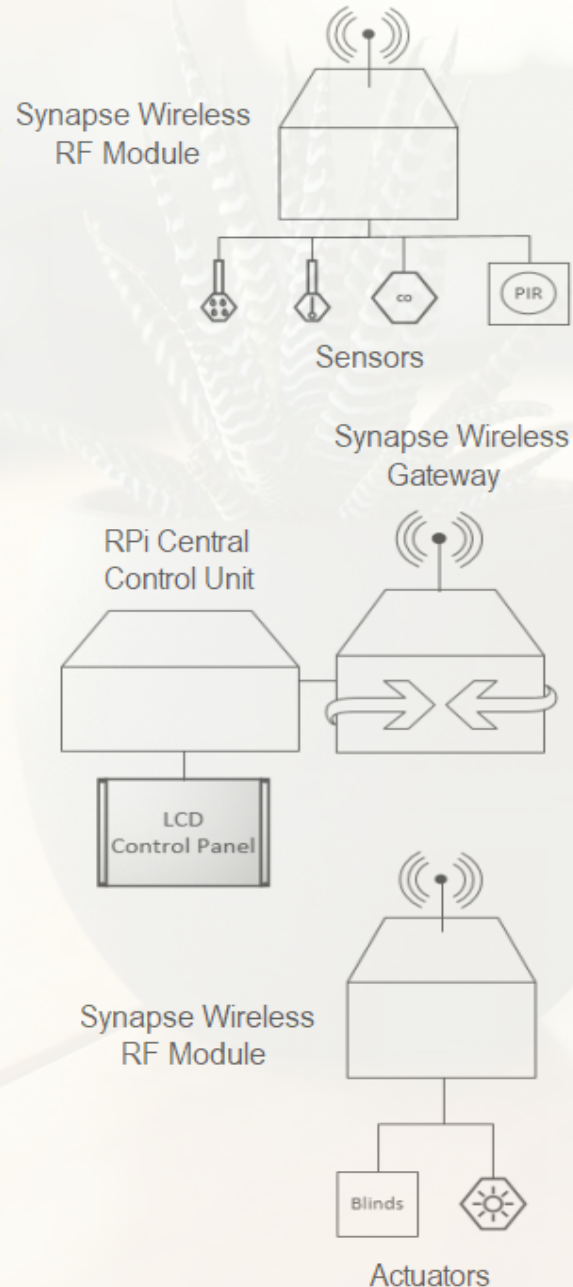
To provide an easy to use solution for smart home monitoring using a wireless mesh network, which aims to reduce installation costs and provide a secure wireless solution.

The scope of designing a Smart Home monitoring system was to design a system with an array of sensors to monitor parameters in a home. Sensors include temperature/humidity, occupancy and indoor air quality.

System architecture is to be implemented utilizing a wireless mesh network, and to be controlled via LCD touchscreen. For a basic system architecture refer to Our Design.

Total Home Solutions will provide the highest quality technology based systems for Smart Home and Building Automation systems.

Our Design



Future Plans

Android/iOS app

Integration with internet of things (including adding the infrastructure necessary for network security against outside intrusions)

Connect more Smart devices on network

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