Climate Monitoring Web Interface using Point Six, Inc and 1-Wire™ standard sensors

Players:          Hassan Wehbe          mwehbe@bradley.edu
                Imad Hoteit            ihoteit@bradley.edu

Advisors:        Dr. Malinowski      olekmali@ieee.org
                Dr. Irwin             jhirwin@bradley.edu

8letter name:    climwisr          (for climate monitoring web interface using Point Six, Inc and 1-Wire™ standard sensors)

Proposal:

This project’s objective is to develop, interface with, maintain and somewhat troubleshoot a network of sensors in the ECE wing of the Jobst building. Light, temperature and humidity sensors will be used. The network will interface to the Internet using a PC-based server. Server-side application will periodically perform sensor discovery and store acquired data in a database for logging purposes. Applets will provide the desired status reports by either connecting directly to the application or querying the database.