SCADA-TEMS Project
About SCADA-TEMS Team

- **Lawrence Bernardo** - Team Leader and Hardware Integrator
- **William E. S. Yu** - Software Developer
- **Wilfred F. Tupaz** - Light Sensors
- **Alberto Carandang Jr.** - Light Intensity Circuit
- **Trina Castillo and Anthony Lee** - Temperature Sensors and Air-conditioning Control
What is SCADA-TEMS?

- Sensory Control and Data Acquisition - Total Environmental Management System
- system that enables expandable control and accessibility for multiple remote devices
- flexible interfacing architecture for multiple control systems
Applications

- Applications include power plants, factories, relay facilities and other physically dispersed systems.
- Mission critical systems that entail just-in-time reporting and response.
- Flexible interfacing for centralized or distributed control systems.
Benefits

- **Remote Control** of multiple devices, services and systems
- **Virtual Coverage** through multiple access mechanisms such as:
  - Web-based access
  - SMS via GSM to SACP gateway
  - SACP clients
Solution to deliver these benefits is:

SCADA Total Environmental Management System
SCADA-TEMS Diagram
Control

- enable users and operators to access devices
- obtain status and operational information
- respond to system issues
Expandability

- attach multiple devices via the SCADA-TEMS control module
- develop pluggable software modules
- scale with multiple synchronized SCADA-TEMS daemons
Universal Access

- communicates via the Simple Access and Control Protocol (SACP)
- bridging networks such as the Internet and mobile GSM networks
- connect via available Java, PHP and Perl clients
Sensory Control and Data Acquisition
Total Environment Management System (SCADA-TEMS)

Server Name: DEMONSTRATION
Username: 
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For any Questions, Comments or Suggestions
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