Session 2: Saturday September 18

Design Patterns:
- Two persons from each group should be prepared to lead a design patterns study group on the Factory Pattern and the Strategy Pattern
- There is much good information on the web concerning design patterns. Doing a Google search will turn up lots of links. Some good ones are:
  - James Cooper’s Java Patterns Site: [http://www.patterndepot.com/put/8/JavaPatterns.htm](http://www.patterndepot.com/put/8/JavaPatterns.htm)
    - Cooper has a book that outlines the gang-of-four patterns using Java
  - Vince Huston’s Personal Patterns Site: [http://home.earthlink.net/~huston2/dp/patterns.html](http://home.earthlink.net/~huston2/dp/patterns.html)
    - He has a patterns quiz and an outline that mimics the periodic table. I don’t know who this guy is but he’s very much into patterns and has a useful site.

Architecture Assignment
For Task I:

(2) present architecture
  - Diagram of components
    (think data flow, it may help)
(3) quality utility tree
(4) does architecture meet high priority requirements
  - what are risks?

For Task II (passive sensors)
(6) define use cases
  - that illustrate advanced functionality based on passive sensors
  - consider: do the uses cases create problems for the architecture defined in task I?
  - if yes, iterate and refine/modify the architecture.