CSE403: Development

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Topics
- HW Byte
- Demonstration
- More Mythical Man-Month
- Time for Grouping

Ant and Antenna Problems?
- Be sure to have the Java SDK’s bin directory in your path.
- Spaces are okay in the path variable.
- Be sure that your project directory has no spaces.

The Real Thing
- Does your mobile phone support Java?
- \text{http://www.jopte.com/src/test.html}
- Edit the Jad file:
  - MIDlet-Jar-URL:
    \text{http://cubist.cs.washington.edu:8080/}
    \text{shanec/images/m3.jar}
  - \text{http://www.sprintpcs.com}
    - Application Developer’s Program

Hw 1 Demo

Hw 3 Demo
**Designer vs. Implementer**
- Does it matter in small groups?
  - 2 people?
  - 4-5 people?
- Can someone be both a designer and implementer?

**Self-Discipline**
- Cool features vs. project completion
  - Bare design completion first, additions if time allows
- Fantastic ideas vs. reality
  - Will it fit?
  - Will it be too slow?
  - Will it be too convoluted for the user?

**Documentation / Communication**
- Interface documentation
  - Code (libraries)
  - MIDlet, Servlet network communication
  - How dynamic should documentation be?
  - What about the other software group?
  - What about the users?

**Time Predictions**
- Is it useful to relate man-years to lines of code?
- How many lines of code does it take to complete a project?
- What is the point?
  - The more people, the less code/person/month
  - Some projects are harder

**Programming for Limitations**
- MIDlets ~64k or less
  - Muglets (API for accessing multiple JARs)
- Considerations
  - Classes (20kB Compressed or ~40%)
  - Images (6kB Compressed or ~0%)
  - Jar (27kB)
  - Awkward User Input

**Picking a Group**
- Now (you pick)
- Later (we pick)