

## CSU647 – CSG258: SWARM

### Assignment 3

**Due date: Friday 2/6.**

1. Develop a system that controls a robosapien from a Windows Mobile or J2ME phone.

#### *System Architecture:*



Cell Phone ----- Laptop (RS232 COM port) – Gateway-Mote ----- Control-Mote – Robosapien.

The quick start guides for Windows Mobile and J2ME are available on the course website!!

Hint:

- (a) Mobile Application : Open UDP Socket Port / Send Command
- (b) Laptop Application: For each UDP pkt received, send command on RS232 Com Port
- (c) The gateway mote will send the command to the robot (Assignment 2)