

12/2/2012

## Weekly Report 11/26 - 12/2

Group: 13-17

Advisor: Prof. Somani

Client: Josh Mandich/ Venture Lights

### Accomplishments:

- Finished final drafts of project plan and design document
- Worked on final presentation
- Discussed goals for after break

### Plan for the coming week:

- Eric: Send Josh purchase info, test socket security code with James. Look at sending images to server
- Michael: Work on improving motion detection reliability, get footage of CyRide for testing
- James: Work on SSL Java sockets, have GUI to demo after break
- Intae: Look for better PIR sensors, look at PCB options
- David: Work with Michael on integrating code, continue working on character segmentation. Have demo for OCR in two weeks

### Pending Issues:

- Send Eric any software licensing info
- Add licensing info to design document and final presentation
- Test software on ArchLinux
- Work on final presentation
- Plan on meeting on December 10th during finals week
- Next week, set meeting time for next semester

### Individual Contributions:

- Eric: Looked at licensing for SSL library, should be able to use GNUTLS for secure sockets and it can be sold.
- Michael: Working on code to interface with PIR sensor and camera, as well as multithreaded code that can handle motion events from both
- James: Java has SSLSocket object, shouldn't be hard to convert from regular sockets
- David: Working on character segmentation on rectangles in images, sending characters to OCR
- Intae: Researched different PIR sensor options