10/7/2012
Weekly Report 10/1 - 10/7

Group: 13-17
Advisor: Prof. Somani
Client: Josh Mandich/ Venture Lights

Accomplishments:
- Website is up
- Outlined what everyone should have ready by Friday's meeting
- Decided that we should consider power saving when not in use
    ● Sleep mode, turn off wireless card
    ● May not want to use camera for motion detection

Plan for the coming week:
- Make more progress on individual tasks
- Start looking at what will be needed for design document
- Eric: Set up a sockets program to test, get information from distributors, ask Dr. Mina about university purchasing process
- Michael: Continue looking at camera API and what to send to image processing, backup camera (USB webcam)
- Intae: Look into IR lighting, power consumption of Raspberry Pi, and power saving methods
- James: Have server program with database and queries working, update website
- David: Continue working on OCR engine setup, integrating with OpenCV, and put together a more specific list of filters needed for image processing

Pending Issues:
- This week: advisor meeting on both Monday and Friday at 5:15 PM
- Should look into alternative motion detection methods
- Start work on design document: first draft due 10/27
- Look at similar projects for possible problems we may need to deal with

Individual Contributions:
- Eric: E-mailed distributors, still waiting to hear back
- Michael: Sent an e-mail to camera distributors, began looking at camera API
- Intae: Looked at using Matlab for image processing
- James: Simple Java sockets program working, worked on website
- David: Working on setup of Tesseract OCR for testing, looked at using OpenCV for license plate localization algorithm