2/14/2013

Weekly Report 2/14

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

Accomplishments:
- Showed integration demo
  - Can successfully generate a motion event, send image with metadata to server
  - Still a few problems reading comments

Plan for the coming week:
- Eric: Fix comment problem with James, look at MD5 hashing images
- Michael: Get CyRide video, look at kernel for board
- James: Work on formatting, client image downloading, fix image browser sizing
- Intae: Work on PCB design
- David: Work with Eric on completing integration, remove special characters from OCR, make some progress on character segmentation

Pending Issues:
- Next step: Get a running kernel on the board, move code to board for testing
- Josh has camera, will get to Intae on Friday
- Need to order more board and cameras
  - Demo will be three lots

Individual Contributions:
- Eric: Fixed network code, license plate data is written to Exif comments field. Need to change to IPTC comments to work with James' code
- Michael: Motion detection code now uses a queue, calls image processing when it is ready for another image.
- James: Demo of GUI, functionality mostly in place, working file menus
- David: Integration fixed, image processing now takes an image and uses Eric's functions to write the OCR data to comments
- Intae: Worked on PCB design, talked to Michael about PIR sensor and camera circuit