

3/5/2013

Weekly Report 3/5

Group: 13-17

Advisor: Prof. Somani

Client: Josh Mandich/ Venture Lights

Accomplishments:

- Demo of working integration between motion detection, image processing, network, and server
- Board is up and running, most of the code has been moved to the board

Plan for the coming week:

- Eric: Meet with Dr. Daniels Thursday to discuss security, look for new SD card, order second Beagleboard
- Michael: Get motion detection and image capture working at same time on board, get test images
- James: Fix image display in UI, test integration with board
- Intae: Work with Josh on PCB layout and design
- David: Adjust image processing using test images, work on improving segmentation and OCR accuracy

Pending Issues:

- Need to look at enclosure, purchase wireless adapter
- Think about speed issues on board
- Next step: full integration on board

Individual Contributions:

- Eric: Network code working, fixed image metadata problem
- Michael: Put kernel on board, image capture working from camera on board, showed performance metrics for image capture
- James: Server working along with network code, gets image metadata and displays info
- David: Character segmentation now pulls out individual characters in correct order, then sends to OCR, and calls network code
- Intae: Working with Josh on PCB layout