

1/22/14

1. Imp does not have bandwidth required to send video.
2. Dr. Stephenson suggested setting up servers on our own computers. We would like to use C++ for the processing. Matlab can export, but probably will not work efficiently. Likely need to use PC vision for video processing.
3. We would prefer to send video wirelessly.
4. 802.15.4 might not have the bandwidth necessary to send video
5. Currently \$400 per spot in Baltimore airport. We would like to be at less than \$100 a node because we would like to have at least 4 nodes.
6. Off site server support good because we can upgrade the system do more than just see how many spots are open, could even be used for security purposes.
7. Need to set up server, likely MySQL on one of our own laptops
8. WireShark used for debugging.
9. For Design Review we need to prove that our solution can work.
10. CMU cams. Carnegie Mellon Cameras. Cameras will follow a spot, has some internal processing. RS 232 interface.
11. Goal for next week. Find and order a camera.