

sddec18-10: Holiday Reverse Programmable Light Strings

Week 5 Report

March 19 - March 25

Team MembersMir Aamid Ahbab — *Electrical Engineer/Microcontroller*Rajiv Bhoopala — *Web Application/Server*Justin Falat — *Android Dev*Aaron Hudson — *Web Server/IPC communication*Michael Scholl — *Android Dev/OpenCV*Robert Tynismaa — *Android Dev***Summary of Progress this Report**

Slow week, as it was after Spring Break. No one did anything over Spring Break. Met with Daniels and worked on Project Plan v2. Discussed what needed to be done and who is going to do it.

Pending Issues

Need to get working on setting up hardware and finding an enclosure.

Plans for Upcoming Reporting Period

Mir Aamid Ahbab— Work on securing protoboard for level shifter and getting that ready for connection to the Raspberry Pi

Rajiv Bhoopala— Work on communication between android application and web server

Justin Falat— Research and work on subtracting images in Java in order to detect pixels containing LEDs.

Aaron Hudson— Make a web server on rasp pi

Michael Scholl—Either get the video/image to work on my computer with opencv or within the app

Robert Tynismaa— Fix android camera properties such that they will remain the same once video capture starts.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Mir Aamid Ahbab	Nothing	0	14
Rajiv Bhoopala	Met with Daniels and worked on Project Plan v2	4	21
Justin Falat	Met with Daniels and worked on Project Plan v2	3.5	19
Aaron Hudson	Met with Daniels and worked on Project Plan v2	3	18

Michael Scholl	Met with Daniels and worked on Project Plan v2	3.5	21
Robert Tynismaa	Met with Daniels and worked on Project Plan v2	4	22.5