

Biweekly Status Report #6

Group sdmay20-31

AUTOMATIC TRACKING OF ACTORS WITH INTELLIGENT THEATRICAL LIGHTING SYSTEMS

Week Summary:

The last couple of weeks were generally focused on finalizing the adjusted requirements that we agreed on with our advisor and client. Also, we were working on documentation for the project and comparing what are the steps we would have done to finish the original requirements.

Past week accomplishments:

- Setting up adjusted requirements for the project.
- Having the 2 anchors communicate with a tag.
- Documenting the project.

Advisor Weekly Meeting:

During this week's meeting, Dr. Waymore identified the adjusted requirements to be the spotlight control system and the physical tracking system as opposed to the past requirement of synthesizing the two systems together. As of now, we have finished working on the project and we only need to finish the required documentation and the poster to present the project.

Individual contributions:

- **Raed Abloushy** : Raed worked on the boards and got them working as 2 anchors and one tag and see if that would compile with the code provided for the PCBs.
- **Hassan Alhaddad & Mouz Zayed**: They have been working on developing the slides for the final presentation for the project.
- **Joel Ohge & Hassan Almohammedsaleh** : Both have been working on finishing up the weekly status report and the poster for the project.

Weekly issues:

- Generally, we did not have any issues for this week. We just have to finish the documentation for the remaining class requirements.

Name	Individual Contributions	Hours this week	Hours cumulative
Joel Ohge	Spotlight Programming And Testing	5	58
Hassan Alhaddad	Soldering and fixing the broken board	3	54
Hassan Almohammedsaleh	Software analyzation/ synthesis	5	58
Raed Albloushy	Physical tracking	10	68
Mouez Zayed	Soldering Flashing localinos	3	54

Plans for the upcoming week:

- Try to make the tag communicate with our PC Server and wrap up the project and present it.