Weekly Status Report #6

Group sdmay20-31

AUTOMATIC TRACKING OF ACTORS WITH INTELLIGENT THEATRICAL LIGHTING SYSTEMS

Week Summary:

We ordered "localinor", a microcontroller set of technology. It is a one microcontroller to be programmed using Python or C++ and soldered on a printed circuit board, and four beacons to be mounted on the wall around the stage. The beacons sense the location of the actor and send it to the spotlight to keep a track of the actor. We are expecting the order to be delivered soon before the start of next semester to physically start working on the automated tacking.

Weekly Accomplishments:

We sent the list of parts to be ordered to our advisor.

Name	Individual Contribution	Hours of work this week	Hours Cumulative
Hassan Almohammedsaleh	Actor Tracking	6	36
Joel Ohge	Spotlight Controls	6	40
Hassan Alhaddad	Actor Tracking	6	36
Raed Albloushy	Actor Tracking	6	36
Mouez Zayed	Actor Tracking	6	36

Plans for the upcoming week:
- Continue development of a Python software controller for the spotlight controls.
- Wait for the parts to be order and delivered.
- Work with the localino system to implement a actor tracking system.