

EE/CprE 492
Bi-Weekly Report 4
"Cy"Sophus

Team Email: sddec20-04@iastate.edu

Team Website: <https://sddec20-04.sd.ece.iastate.edu>

9/28/20 - 10/12/20

Client and Advisor: Doug Jacobson

Team Members:

Samuel Christianson - Communications Leader

Morgan Funk - Test Engineer

Sean Gordon - Meeting Scribe

Daniel Laracuenta - Ux/UI Designer

Aaron Lawrence - Team Leader

William Maston - Ux/UI Designer

Bi-Weekly Summary:

- Continued development of website
- Began work on table hardware
- Met with client
- Talked with company contact
- Finished some implementation code

Pending Issues:

- 1) Work through the challenges presented by the pandemic lockdown.
- 2) The group Sisyphus table has a flickering/damaged LED.
- 3) We can't get info on the table software a 3rd party is supposed to provide for us.

Plans:

- 1) Test program developed by manufacturer of table? (tbd)
- 2) Refine project database.
- 3) Create a program to convert cartesian coordinates to polar coordinates.
- 4) Raspberry pi setup with sisyphus code from git.
- 5) Come up with more features to be implemented for this project
- 6) Continue website development
- 7) Gather materials for camera implementation for remote viewing.

Individual Hourly Contributions:

Team Member	Hours	Contributions/Notes
Morgan	5	<ul style="list-style-type: none">• Worked on bi-weekly report• Website development and JS refactoring• Relearning js code in VS• Worked with Sam and Will to develop remote table access/viewing
Aaron	7.5	<ul style="list-style-type: none">• Worked on bi-weekly report• Contacted client about company contact• Got in touch with company contact about hardware issues• Getting started on table hardware setup
Sean	5	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked on cleaning up Image to Track program• Cleaned up the GitHub group
Will	6	<ul style="list-style-type: none">• Worked on bi-weekly report• Created website Javascript project• Set up Github integration• Started work on web design
Daniel	7	<ul style="list-style-type: none">• Worked on bi-weekly report• Finished conversion script for the image coordinate output for the table
Sam	12	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked on getting a web server setup on a linux machine• Working on Database integration with backend