

EE/CprE 492
Bi-Weekly Report 3
"Cy"Sophus

Team Email: sddec20-04@iastate.edu

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

9/14/20 - 9/28/20

Client and Advisor: Doug Jacobson

Team Members:

Samuel Christianson - Ux/UI Designer
Morgan Funk - Communications Leader
Sean Gordon - Test Engineer
Daniel Laracuenta - Meeting Scribe
Aaron Lawrence - Ux/UI Designer
William Maston - Team Leader

Bi-Weekly Summary:

- PRIM presentation.
- Began development of website
- Began development of web interfaces

Pending Issues:

- 1) Work through the challenges presented by the pandemic lockdown.
- 2) There are still some portions of the web UI not mocked
- 3) The group Sisyphus table has a flickering/damaged LED.
- 4) Issues adding to GitHub group

Plans:

- 1) Meet with client
- 2) Create mockups for UI designs.
- 3) Create a program to convert cartesian coordinates to polar coordinates.
- 4) Test program developed by manufacturer of table? (tbd)
- 5) Raspberry pi setup with sisyphus code from git.
- 6) Come up with more features to be implemented for this project
- 7) Continue website development

Individual Hourly Contributions:

Team Member	Hours	Contributions/Notes
Morgan	4	<ul style="list-style-type: none">• Worked on bi-weekly report• Presented during PRIM
Aaron	5	<ul style="list-style-type: none">• Worked on bi-weekly report• Acquired table hardware (Raspberry pi and LED strip)• Presented during PRIM
Sean	3	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked on UI mockups• Presented during PRIM• Worked through a better organization system for Trello
Will	4	<ul style="list-style-type: none">• Worked on bi-weekly report• Presented during PRIM• Worked on Python Code
Deni	5	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked on python unit conversion script• Presented during PRIM• Worked on python script to convert Cartesian coordinates to polar
Sam	3	<ul style="list-style-type: none">• Worked on bi-weekly report• Presented during PRIM• Creating a website