

EE/CprE 492
Bi-Weekly Report 5
"Cy"Sophus

Team Email: sddec20-04@iastate.edu

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

10/13/20 - 10/25/20

Client and Advisor: Doug Jacobson

Team Members:

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

Bi-Weekly Summary:

- Continued development of website
- Table JSON request through Postman have been established
- Created project databases.
- Working on linking backend to table.
- Finished more of the web interfaces

Pending Issues:

- 1) Work through the challenges presented by the pandemic lockdown.
- 2) The group Sisyphus table has a flickering/damaged LED.
- 3) Implementation of data streaming though the website.
- 4) Basic website functionality.

Plans:

- 1) Test program developed by manufacturer of table? (tbd)
- 2) Come up with more features to be implemented for this project.
- 3) Continue website development.
- 4) Re-mock sections of website.
- 5) Gather materials for camera implementation for remote viewing.
- 6) Connect table to website though JSON requests.

Individual Hourly Contributions:

Team Member	Hours	Contributions/Notes
Morgan	3	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked with Sam to check connectivity of the Database• Developing JS code for Database interaction
Aaron	10	<ul style="list-style-type: none">• Worked on bi-weekly report• Setup postman to wirelessly connect to the table• Worked on a python code to implement postman requests• Currently working on data streaming to table.
Sean	8	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked with web interface mocks• Updated GitHub and Trello• Beginning more work on WebServer
Will	10	<ul style="list-style-type: none">• Worked on bi-weekly report• Made Website Layouts• Created a Twitch account for streaming• Made basic html designs
Daniel	8	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked on establishing remote communication with the table using a port-forwarding application.• Started working on an interface to send requests without needing the use of a 3rd party application.
Sam	12	<ul style="list-style-type: none">• Worked on bi-weekly report• Worked on backend for uploading image to server and saving path in the database.• Working on useful requests for the backend to have.• Working on auto-deployment to the server from github.