WEEKLY REPORT 11 - FLUTR
FALL SEMESTER 2024

CLIENT: MR. NATHAN BROCKMAN
ADVISOR: DR. DIANE ROVER

Group Members

Amanda Friis - Full Stack Developer, Documentation

Tayler Barnhart - Team Leader, Cloud Developer

Nathan Geater - Full Stack Developer (Back End)

Alex Brown - Full Stack Developer (Front End)

Muralikrishna Patibandla - Integration & Back End Developer

20 May - 5 September 2024

Weekly (Summer) Summary

For this summer, the main thing we worked on was implementing the kiosk system fully into the pavilion. In late May, we set up the kiosk hardware and software, and in late July, we had the kiosk set in place and running. We then did some general software and hardware testing, mainly with the temperature of the system, and all testing passed.

Past Week (Summer) Accomplishments

- Amanda Friis - Research and practice with React using Codepen
- Tayler Barnhart - Helped create kiosk software and set up kiosk hardware.
- Nathan Geater - Familiarization with DigitalOcean hosting
- Alex Brown - Worked with Tayler on the kiosk implementation. Worked with the Reiman staff to get all the pieces installed and then the overall unit.

- Muralikrishna Patibandla - Research into database structuring and dynamic initialization.

Upcoming Week Plans

- Amanda Friis - More research into React and React table libraries. Starting development of pages
- Tayler Barnhart - Create user access to DigitalOcean and new Droplet for website hosting.
- Nathan Geater - Build up the group GitHub and cooperate on backend and server hosting
- Alex Brown - Fully create the landing page for our app, complete with links to each respective location's customer facing pages and within the specs of the figma file we were given.
- Muralikrishna Patibandla - Coordinate with front end to confirm a standard format for requests and fields. Add backend demo build from last semester to the group GitHub.

Individual Accomplishments

Name	Individual Contributions	Hours this week	Hours cumulative
Amanda Friis	Research and practicing React	4	32
Tayler Barnhart	Kiosk implementation	15	67
Nathan Geater	Familiarization with DigitalOcean hosting	4	32
Alex Brown	Kiosk assembly and implementation. Lots of hair pulling in doing so.	20	67
Muralikrishna Patibandla	Research into database structuring and dynamic initialization.	6	49

Advisor Meeting Summary

First week back, we had a small meeting to touch base and reaffirm all previous plans. Got a new design plan that we will begin modeling our website after.