WEEKLY REPORT 9 - FLUTR
SPRING SEMESTER 2024

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

Group Members

Amanda Friis - Full Stack Developer, Documentation

Tayler Barnhart - Team Leader

Nathan Geater - Full Stack Developer (Back End)

Alex Brown - Full Stack Developer (Front End)

Muralikrishna Patibandla - Integration & Back End Developer

3 April - 9 April 2024

Weekly Summary

This week, we worked on preparing for the demo this week, including a general frontend and backend framework and design. We also worked on DigitalOcean cluster development, as well as general research into all of these things. Finally, we did research into Kiosk items that are needed, and worked on getting a finalized list to purchase for the kiosk.

Past Week Accomplishments

- Amanda Friis - Features drafting.
- Tayler Barnhart - DigitalOcean cluster development and research, and kiosk parts and design research
- Nathan Geater - Researching of parts and options for kiosk, documentation, backend.

- Alex Brown - This was a tough week, really just chugged along some more on the frontend react code.
- Muralikrishna Patibandla - Continued building backend framework for Flutr in SpringBoot. Also began building a mock database in MongoDB. Researched hosting backend and database using DigitalOcean droplets.

Upcoming Week Plans

- Amanda Friis - Start drafting DB tables. Website.
- Tayler Barnhart - Begin work with DigitalOcean cluster, and work on building a basic system on DigitalOcean. Get the kiosk parts finalized and ordered.
- Nathan Geater - Engage with backend demo.
- Alex Brown - Demo Ready, Integrate (some things) with backend
- Muralikrishna Patibandla - Demo backend progress, integrate as much as possible with database and frontend, attempt to host parts of backend on DigitalOcean

Individual Accomplishments

Name	Individual Contributions	Hours this week	Hours cumulative
Amanda Friis	Features spreadsheet	2	24
Tayler Barnhart	DigitalOcean cluster development and research, and kiosk parts and design research, documentation work	6	45
Nathan Geater	Backend and kiosk part research, documentation	3	21
Alex Brown	Added ability to interpret more customization between the different location's sites.	6	39
Muralikrishna Patibandla	Construction of backend and mock database framework, Research into hosting	4	32

Advisor Meeting Summary