

Report 12 - FLUTR

SPRING SEMESTER 2024



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

Group Members

Amanda Friis - Full Stack Developer, Documentation

Taylor Barnhart - Team Leader

Nathan Geater - Full Stack Developer (Back End)

Alex Brown - Full Stack Developer (Front End)

Muralikrishna Patibandla - Integration & Back End Developer

6 - 19 September 2024

Summary

This week, we focused on setting our general plans moving forward on a weekly basis, as well as moving to fully focus on work to get the website done. Members with 0 React experience focused on learning React.

Recent Accomplishments

- Amanda Friis - Completed previous shipments page. Lots of research and practice with React / react table libraries
 - Taylor Barnhart - Worked on learning react, got the DigitalOcean cloud platform set up with the website hosted online.
 - Nathan Geater - Worked on learning react.
 - Alex Brown - Writing out as many of our pages as possible, conversion of figma to code.
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- Muralikrishna Patibandla - Began updating the demo backend from last semester, to have a working shipment/release flow by the end of the upcoming weekend. Developed an initial draft of request/response formats based on the new Figma and shared it with the frontend. Also created a comprehensive list of tasks to be done on the backend.

Upcoming Plans

- Amanda Friis - Start and maybe finish 'Add shipment' page. Possibly start working on authentication in the front-end
- Tayler Barnhart - Get backend hosted on DigitalOcean, bring our new member up to speed on our current processes.
- Nathan Geater - Work on issues and front end code.
- Alex Brown - Keep making pages (pavillion customization and Nathan's Master Control pages on the docket at the moment) Work on Backend integration.
- Muralikrishna Patibandla - Port my backend checklist onto Git Issues, complete the first draft of the backend and have it ready for connection with the frontend. Familiarize myself with authentication mechanisms (JWT).

Individual Accomplishments

<u>Name</u>	<u>Individual Contributions</u>	<u>Hours this period</u>	<u>Hours cumulative</u>
Amanda Friis	Add shipment page created. Research into react table libraries	8	40
Tayler Barnhart	DigitalOcean hosting working, and website online in Domain.	13	80
Nathan Geater	Learning react.	5	37
Alex Brown	Locking down our frontend development style, teaching react to some group members, Conversion from Figma	20	87
Muralikrishna Patibandla	Developing updated backend shipment/release flow, documentation for request/response, and task checklist	18	67

Advisor Meeting Summary

We had a meeting with Dr. Rover and filled her in that things were progressing well. We got some instruction on how we explain our project, which will be helpful when we present to the industry panel. We also discussed laying out our plans/being better organized as a team.