

# WEEKLY REPORT 5 - FLUTR

## SPRING SEMESTER 2024



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

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### 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

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### February 28 - March 5 2024

#### Weekly Summary

This week consisted of learning on our own and working on our documents and presentations about the project. This included a more clear and concise documentation system, including design documents as well as a more general documentation page for documenting our final decisions. We also prepared for our lightning talk, which came at the end of this report week.

#### Past Week Accomplishments

- Amanda Friis - Worked on slides and prepared for lightning talks.
  - Tayler Barnhart - Worked on slides and design documents. Created additional documentation for general reporting, as well as research into Digital Ocean and cloud hosting.
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- Nathan Geater - Practiced and studied database and backend. Worked on presentations
- Alex Brown - Worked on slides for lightning talks, worked on Design Document 1, specifically writing about the Local Admins and General Users. Practiced web development by working on other classes.
- Muralikrishna Patibandla - Worked on slides for lightning talks and design documents. Practiced integrating a Spring Boot backend with a MongoDB database, and got familiarized with the framework setup process.

## Upcoming Week Plans

- Amanda Friis - Refamiliarize myself with react and springboot.
- Tayler Barnhart - Get a working sample React website hosted on DigitalOcean that is controllable with GitHub.
- Nathan Geater - Continue reacquainting myself with backend development
- Alex Brown - Get to the point where I'm comfortable with developing in react.
- Muralikrishna Patibandla - Revise integration and deployment steps in Git, and practice setting up communication between a frontend (HTML/ReactJS) and the backend.

## Individual Accomplishments

<u>Name</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>Hours cumulative</u>
Amanda Friis	Lightning talks	1	13
Tayler Barnhart	Lightning talks, design documents, general documentation, GitHub work	3	17
Nathan Geater	Lightning talks, practiced and studied backend and database	2	11
Alex Brown	Lightning Talk Slides, Design Document 1 User Classes.	4	16
Muralikrishna Patibandla	Lightning Talks, Design Documents, practiced database and backend integration	4	15

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## **Advisor Meeting Summary**

No advisor meeting this week. Met as a group and discussed what we needed to get done assignment-wise.