

# WEEKLY REPORT 6 - 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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### 6 - 19 March 2024

#### Weekly Summary

These weeks contained spring break, but beforehand we had a meeting with Dr. Rover and Nathan Brockman to discuss the future and what we had been working on the last few weeks.

#### Past Week Accomplishments

- Amanda Friis - Worked on features categorization. Researched DigitalOcean.
  - Tayler Barnhart - Worked more with DigitalOcean and Git, created multiple sites for testing.
  - Nathan Geater - Worked more with exercises and examples for backend development
  - Alex Brown - Continued learning about the React framework and building other websites as practice.
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- Muralikrishna Patibandla - Built test backend environments for practice and emulated sending requests for data to a test MongoDB database using Postman.

## Upcoming Week Plans

- Amanda Friis - Get an official overview of features priority to Nathan. Continue research of DigitalOcean.
- Tayler Barnhart - Continue DigitalOcean integration with SpringBoot and React, tracking the CI/CD pipeline between Github and DigitalOcean.
- Nathan Geater - Begin actual work on backend
- Alex Brown - Start react project and lay groundwork on frontend.
- Muralikrishna Patibandla - Build a basic SpringBoot/Maven framework for the backend to be used as we begin sprints.

## Individual Accomplishments

<u>Name</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>Hours cumulative</u>
Amanda Friis	Features prioritization	1	14
Tayler Barnhart	Created test website on DigitalOcean, creates test React website on local computer	6	23
Nathan Geater	Backend dev exercises and research	3	14
Alex Brown	Learning the fundamentals of React. Thinking about other ways to solve the kiosk problem.	2	18
Muralikrishna Patibandla	Built test backends, emulated sending requests for data to a test database	4	19

## Advisor Meeting Summary

Discussed our plans to start our first sprints. Caught Dr. Rover and Nathan up on what we had been doing the last few weeks.