

# BrainLog

BrainLog is a full-stack web application with that helps students keep a structured record of their study sessions and reflections.

## Team Members



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# Tech Stack

## Web App Tech Stack

React.js

Node.js/Express

MongoDB

Tailwind CSS

Flowbite-React

React Hook Form

Yup

## Mobile App Tech Stack

React-Native

Expo/Expo-Router

React Query

Zustand

React Hook Form

Yup

## THE PROBLEM

your app addresses:

Students often forget what they've studied, how long they spent, and what insights they uncovered along the way. Their notes can get scattered across apps, notebooks, sticky notes, etc, and this makes it hard to see their progress over time. This can also make it difficult to quickly revisit key concepts before exams and interviews.

## THE SOLUTION:

The purpose of this application is to help students keep a structured record of their study sessions and daily reflections so they can:

- See consistent progress and wins over weeks and months to stay motivated
- Gain insight into learning patterns (time spent, mood, focus level, wins, struggles, etc)
- Revisit key concepts, resources, and ah-ha moments

## PROJECT STATUS:

We completed the MVP for web and mobile apps. We are planning to add in a few more features like sorting, filtering, and search. As well as a user profile page, settings page, light/dark theme toggle, and toast for user notifications.

# Biggest Challenge/ Biggest Learning/ Most Enjoyed

## Danylo:

- Switching from web React to mobile development and getting used to real devices, platform differences, and performance limits.
- I learned how to work with React Native and tools like Expo Router, React Query, React Hook Form, and Yup.
- I enjoyed learning new technologies, which can sometimes surprise you and make you feel like a kid with a new toy. In our case seeing the app run on a real device.

# Biggest Challenge/ Biggest Learning/ Most Enjoyed

## Brittany:

- Something I learned from this project is to rely on my teammates and I enjoyed the Slack communication and getting everyone's feedback. I learned a lot more about Git and a challenge was testing each other's code and refactoring various parts of the project.
- I struggled from "impostor syndrome" a few times. Once I talked to my team, I realized I wasn't the only one.

# Thank You!

- Mentors: Dan Polityka, Tommy Armstrong, Amandeep Dhothar
- Practicum Director: Frank Stepanski
- Code The Dream