

studyBuddie

Aryan, Atsa, Abhi, Jason, Josh, Zach

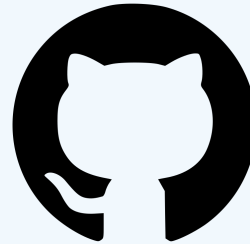
Project description

- Student-focused productivity web app designed to make studying more social, organized, and personalized.
 - Allows students to create assignments, track progress, and view tasks within an integrated calendar.
 - Lets users add friends and form study groups for easier collaboration.
- Study group meetings automatically sync to each member's personal calendar to keep everyone updated.
- Enhances organization with a clear visual layout of upcoming tasks and quick assignment creation.
 - Combines productivity tools with social features to boost motivation and structure.
- Aims to make studying a collaborative, streamlined experience that supports academic success.

Project Tools/Methodologies

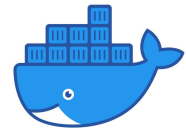
Project Tools

- VS Code - ★★★★★
- GitHub (version control) - ★★★★★
- Project Board (tracking) - ★★★
- HTML/CSS/JS/Handlebars - ★★★★★★
- PostgreSQL - ★★★★★★
- Node.js - ★★★★★★
- Docker (Containerization) - ★★★★★★
- Render (Cloud Hosting) - ★★★★★
- Discord (Communication) - ★★★★★★
- Mocha (Testing) - ★★★★★



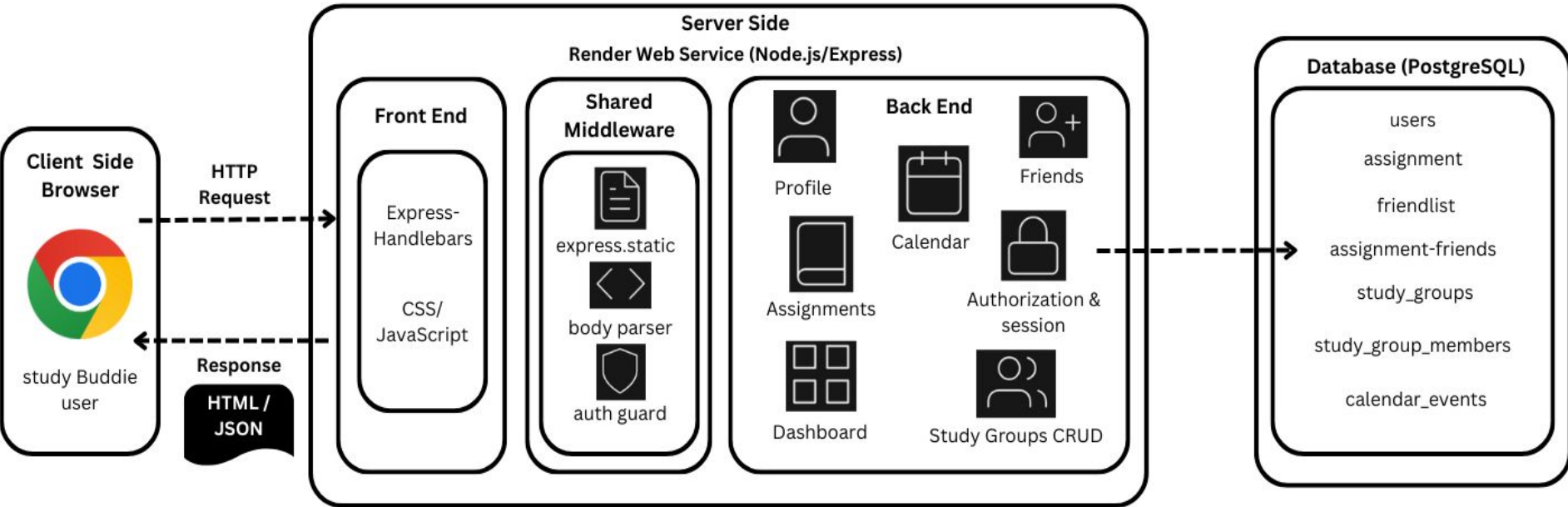
Methodologies

- Pair Programming - ★★★★★
- Peer Code Reviews - ★★★★★



Architecture Diagram

Render Deployment



Challenges

- Underestimated time for the project
- Added hundreds lines of code leading to trouble and merge conflicts
 - Debugging
- Integration between each member's code (Frontend and Backend)
 - Querying the data to show on the calendar correctly
 - Enhance collaboration

FUTURE SCOPE/ ENHANCEMENTS

01 Social Networking

02 Notification System

03 Customization