

# DayBook

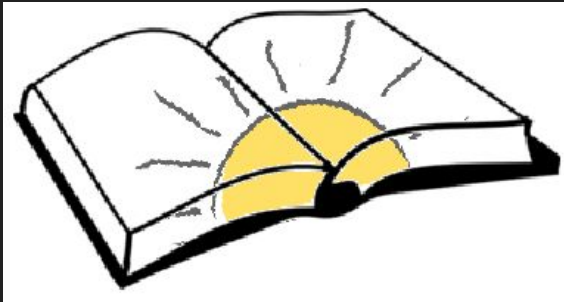
By: Team Dream

# Group Members

- Kyle Rose
- Tyler Devlin
- Nicki Richter
- Desmond Manthy
- Guangshi Xu
- Gerritt Luoma

# Purpose of DayBook

- To streamline faculty-student communications
- To help organize the dozens of class assignments posted on various websites onto one platform



## Used Tools to Be Changed:

- Testing Tool: Self Driven Unit Tests
  - Future Replacement: Automated Unit Tests
- Deployment Environment: Local
  - Future Replacement: Heroku



heroku

# Communication - GroupMe

- Group rating: 3.5/5

## Pros:

- Easily downloaded
- Compatible with computers and phones

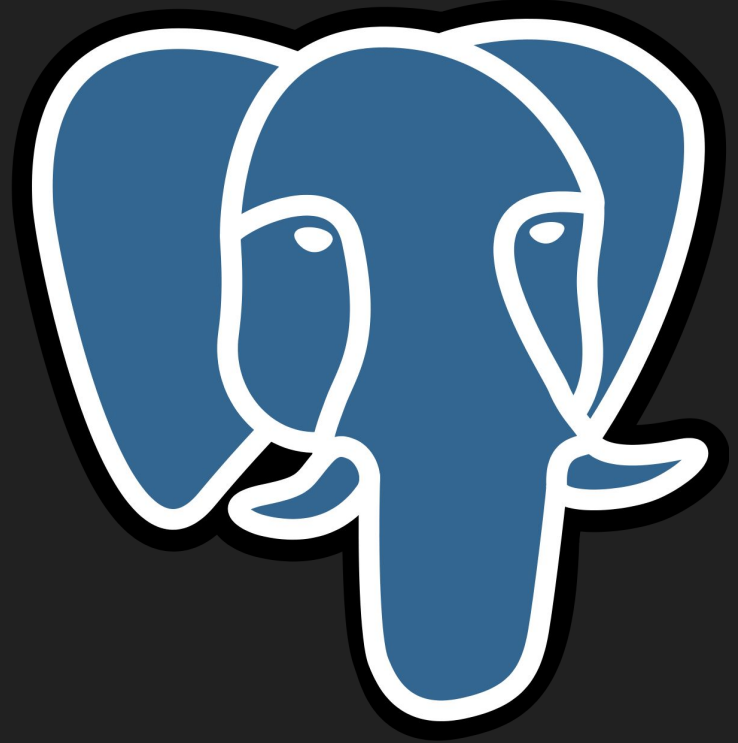
## Cons:

- Bugs with the notification system



# Database - PostgreSQL

- Group rating: 4/5
- Readily available
- Easy to use
- Used in homeworks



# VCS Repository - Github

5/5

- Easy to use

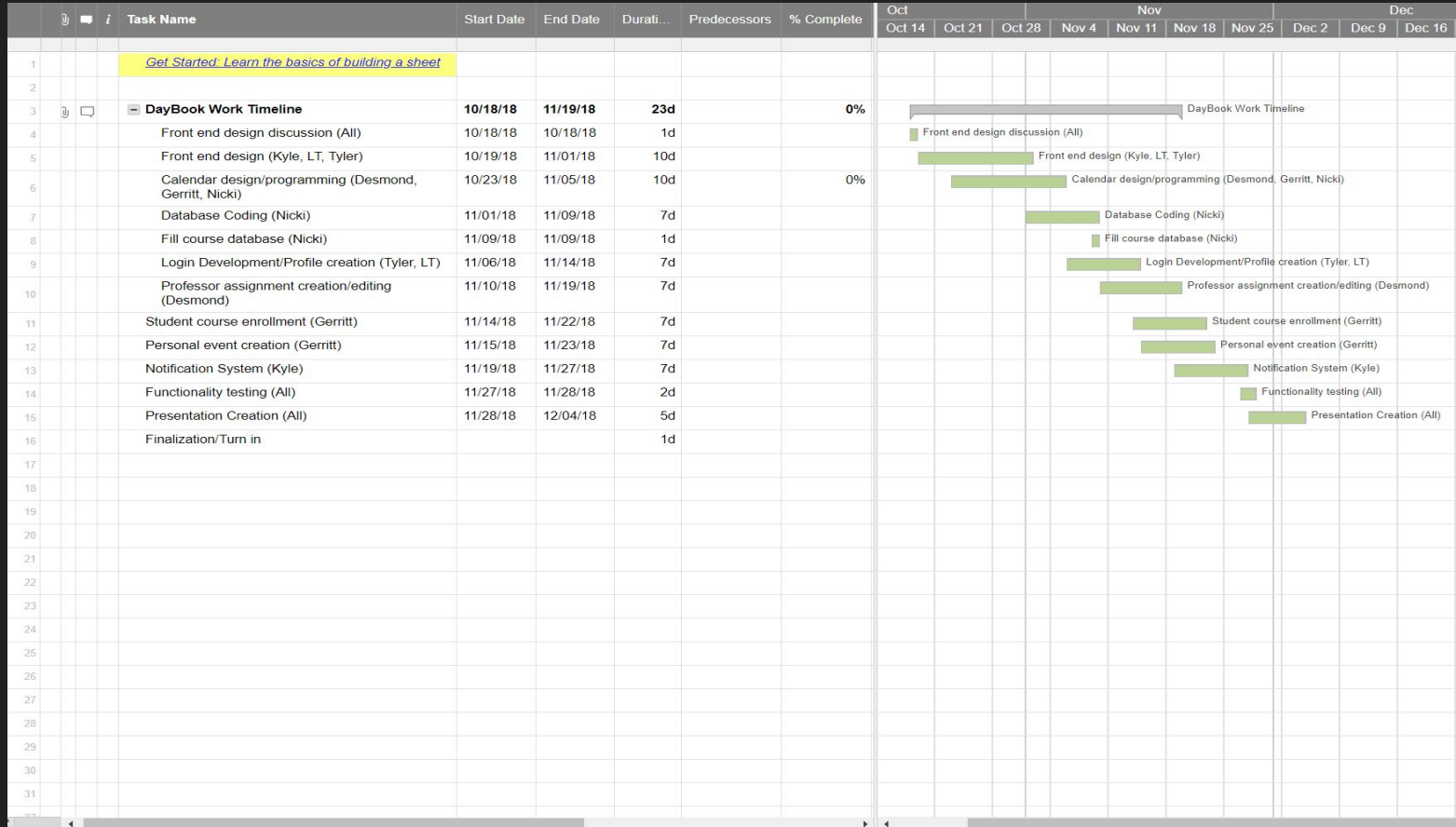
- Extensive commit history

- Simple commit mistake fixes



# GitHub

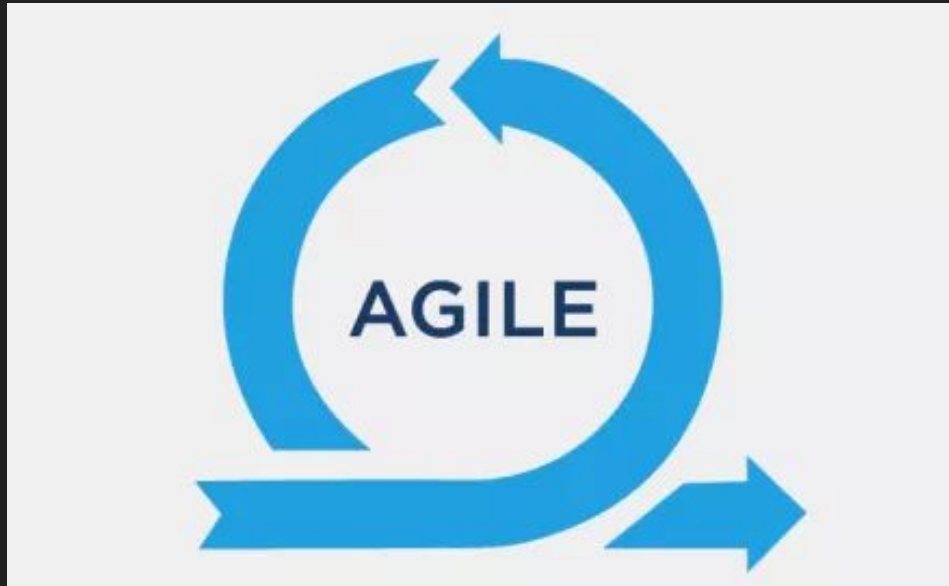
# Project Tracker - GANTT Chart Rating: 1/5





# Development Method - AGILE

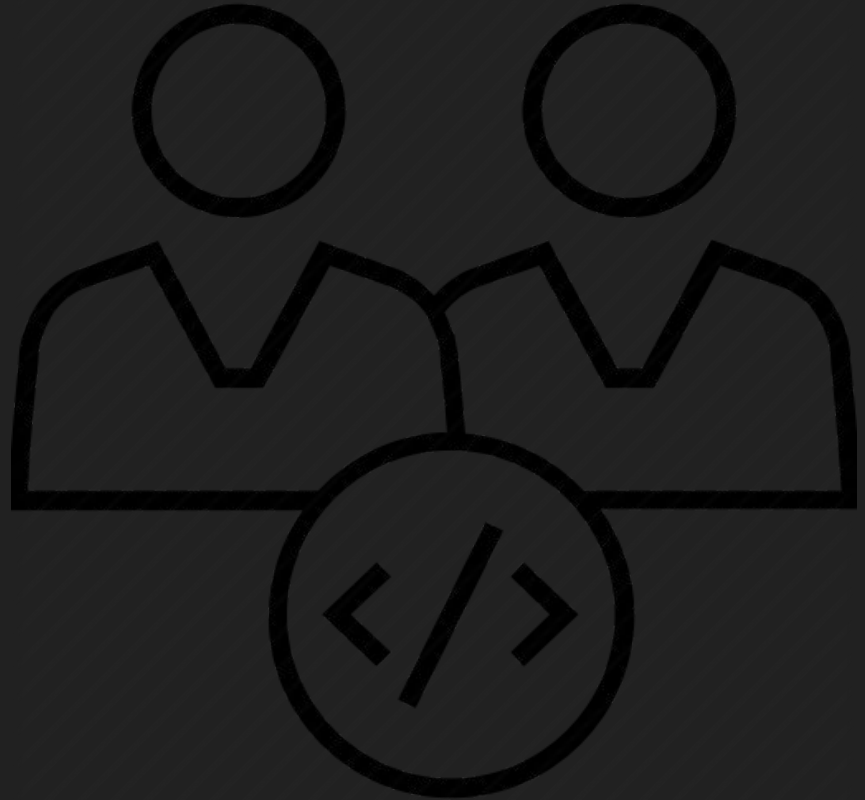
Rating for AGILE: 3.5 stars out of 5 stars



# Used Tools - Pair/Triplet Programming

Group Rating: 4 stars out of 5 stars

- Helpful to find bugs and quickly prototype



# Used Tools - Coding Languages

- Front End: HTML, CSS, and JavaScript
- Intermediate Layer: NodeJS
- Backend: SQL



# Lessons Learned - Challenges

- Minimal experience with nearly all coding languages used
  - Solution: Through diligent research, each group member became adept with most coding languages
- Large project with a high pace schedule
  - Solution: Pair programming on large sections of code to speed development is very effective
- Notification system omitted
  - Solution: Coloring system on calendar

# Lessons Learned - Group Shoutouts

- Tyler Devlin for taking charge with Github branches and merging
- Kyle Rose found solutions to errors that seemed impossible to solve and having by far the most commits in the Github

Now for the demonstration