Fit Track

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Tools Used

All the tools your group used:

- Trello   (2.5/5)
- GroupMe (5/5)
- git   (2.5/5)
- Node.js ($\frac{4}{5}$)
- Javascript ($\frac{4}{5}$)
- Html/Css (5/5)
- mongoDB (5/5)
- Heroku ($\frac{3}{5}$)

Database used

- MongoDB
- Used models to store users' info
  - Username
  - Height
  - Weight
  - End goal weight
- Wanted to learn MongoDb

_id: ObjectId("5dddf6e06add9a0bbb6eabf4")
age: 99
gender: "n/a"
weight: 0
height: 0
target_weight: 0
username: "Wavey_Davey"
__v: 0

Trello / Group Me

- Trello, used for tracking dates of the when we wanted features due and upcoming events.
  - 2.5 out of 5 stars. It was useful but we found using instant messaging group chats more useful, specifically group me

trello.com/b/AfTDxXsL/fitnessproject

Boards

Trello

FitnessProject SoFtWarE_dEV Free | Team Visible JP LB W WA ZC +1 Invite

Butler ··· Show Menu

HI PRIORITY TO DO

Functionalities

Dashboard Page:
🕐 Nov 7

+ Add another card

LOW PRIORITY TO DO

- 1PM- 3PM Meeting monday.
🕐 Nov 11

- Thursday Meeting ~3pm
🕐 Nov 14

- try to have skeleton of the dashboard page for mondays meeting

+ Add another card

Work In Progress (This week)

Dashboard page
🕐 Nov 8

+ Add another card

UPCOMING

- work on next few functionalities for project (decide what needs to be implemented, decide who will be working on what functionality)

+ Add another card

Notes

Theme will be christmas

Future features

+ Add another card

Done

setup kanban board

Figure out Github/version control
W

Design the website on paper
👁 JP LB ZC

Styling for login page - Zach

-backend database

Logging in page HTML - Laura

Form page - William

have these finished by next friday

- Home Page Link to the registration page(Jonathan)
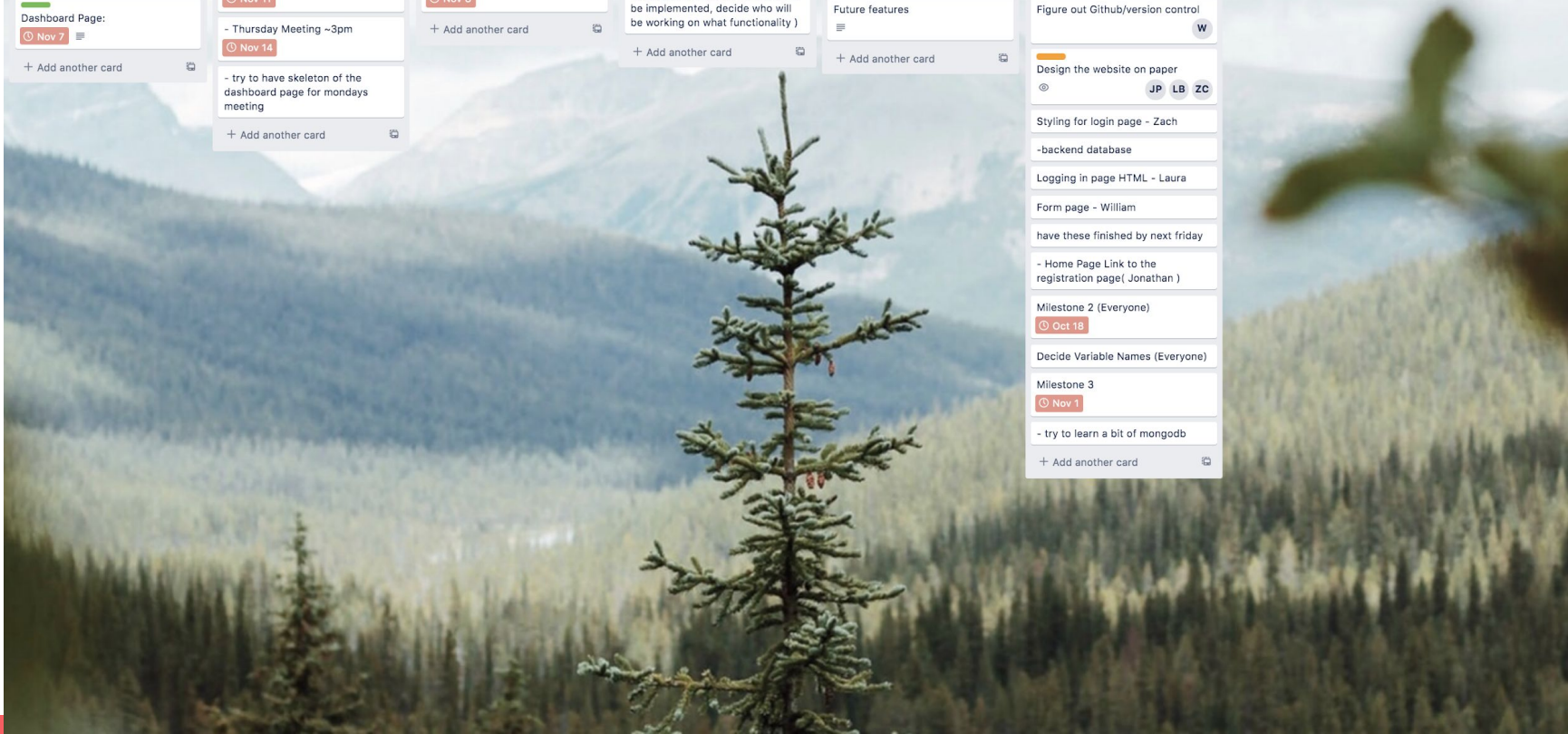
Milestone 2 (Everyone)
🕐 Oct 18

Decide Variable Names (Everyone)

Milestone 3
🕐 Nov 1

- try to learn a bit of mongodb

+ Add another card

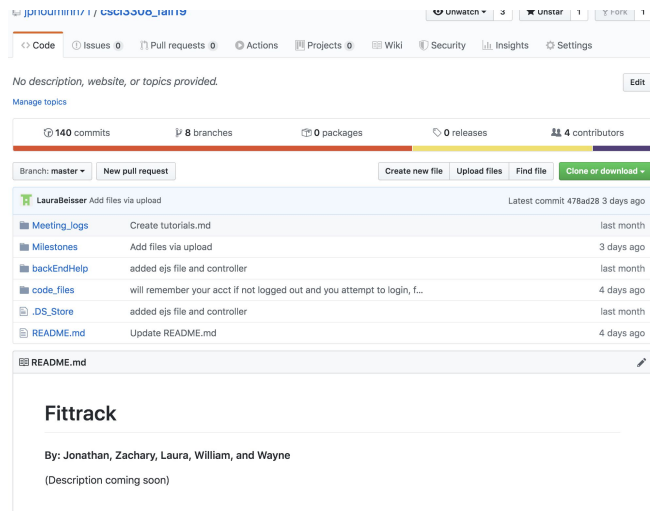+ Add another list

JavaScript / HTML / CSS

- JavaScript was implemented in all of our web pages to make them more dynamic and include effects like modals.

- HTML was the basic language we used to code the front end of our websites

- CSS was implemented to style our html pages.

Development Method

- Agile method
  - 2 hour meetings once a week
  - Determined what is complete and what needs to be completed
  - Who will be working on what
  - 3 sprints:
    - User registration/login
    - Dashboard page
    - Exercise page

Code Repository

- Used GitHub repository
- Wrote a walkthrough to clone, branch, and merge branch for the team to use after we struggled with working on the code at one time
- Mostly pushed from terminal, sometimes directly changed codebase by editing on GitHub page

Challenges We Encountered

- Github branching
  - Overcoming merge conflicts(Managing Branches)
- MongoDB
  - Use of ID's : (Connecting child table to parent table)
- Heroku
  - Had to move front end into backend folder due to dependencies not in the root folder
- JavaScript
  - Dynamically changing the html page, we ended up using ejs
- Sessions
  - Trouble holding onto the user info, so we used express-session to maintain a user's information when going back and forth from front-end to back-end

What We Have Learned

Jonathan: Working with a team and managing personal life work with group assignments. Learning bits and pieces of different languages at the same

Zach: Learned how to pull and put information into database.

William: This project has taught a lot of practical knowledge about using GitHub, and Database systems like mongoDB. Along with experience with working in a development project.

Wayne: How to pick up a new tool by reading the write-ups from the developers and implement it into our project (such as express modules).

Laura: Learned github and more about front-end development

Fit Track

link: https://fittrack.herokuapp.com/