

GymBuddies

Project 2

UT Coding Bootcamp – Houston

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GymBuddies

is a web-based application built for the experienced exerciser. The app allows a user to pick the body part they want to work out, and presents them with a list of exercises.

The user selects the exercises to workout that day, and how many sets, reps in each set, and the desired weight, although he can leave these inputs empty.

The user then picks another body part. The app repeats the process until an entire workout is built. The user can select to get a summary afterwards.

GymBuddies Project Background

In discussing our options for the project, at least three of us shouted out the idea for a workout app.

As there already exists many workout apps that direct a person's workout, we felt there wasn't many options for an experienced person that already knows how to work out, and just needs a way to make a day's program on the fly. They can proceed as they want to, instead of having to follow a preset plan.

Process

We started with a baseline class activity to ensure sticking with the MVC paradigm.

We used Node and an Express web server.

The front end utilized [some new stuff that the class hasn't covered] that was not part of class curriculum.

We opted to use Sequelize, and used GET and POST routes.

We decided to get the data from the werg Workout Manager (<https://wger.de/en/software/api>) but just build the database and store it in our app without doing API calls.

We deployed using Heroku with the JawsDB add-on.

Hurdles

We did not use Handlebars.

We did not allow enough time to incorporate any testing frameworks.

[something about choosing a more extensive process that we might not finish]

After some initial problems, we successfully were able to utilize GitHub to share files.

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Demonstration

Create a new user. Go to the new page.

Go through the process of building the day's workout.

Show the summary.

Future Development

Add the ability to:

- Choose dates and repeat workouts.

- Build supersets.

- See days in the week instead of dates as created in Sequelize.

- Plan workouts for the future.

- Delete a workout.