

**Title:** Gym Bros

**Who:**

Breanna Harris

Idaly Gomez-Pena

Joanne Li

Joe Voirol

John Kim

Nicole Paraschiv

**Project Description:**

Introducing Gym Bros, an all-in-one fitness companion application designed to help the user track and achieve consistency. Our application is packed with a multitude of features that can seamlessly integrate itself into the user's fitness journey. With Gym Bros, you can track and log up to nine pre-selected workouts that encapsulate every main part of the body, timing each session down to the milliseconds, and providing the user with a detailed calorie burned counter dynamic to the type of workout. Stay motivated by recording user metrics such as body weight, height, and other fitness details in our comprehensive registration process that stores your details in our expansive database for quite possibly forever.

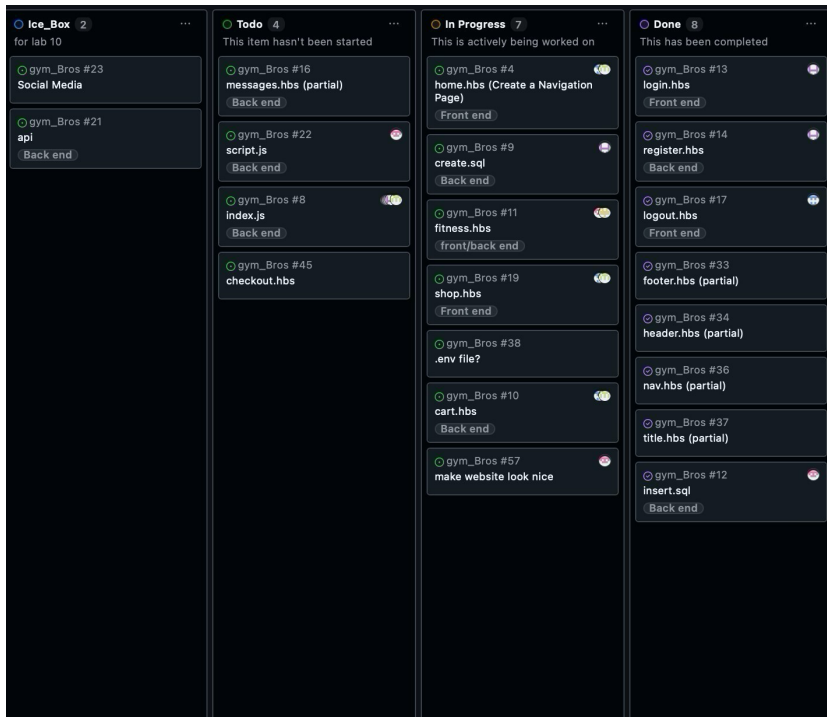
Competition is also heavily supported with a leaderboard that tracks and ranks users based on an internal point system, allowing our users to stay at the top by maintaining their fitness.

Additionally, users who want to indulge their capitalistic desires are encouraged to check out the Gym Bros shop, providing users a method to purchase gear and supplements from popular online shopping centers.

Whether you are a beginner or a seasoned athlete, the Gym Bros application provides all the tools to monitor your personal fitness.

**Project Tracker - GitHub project board:**

Link to Project Tracker: <https://github.com/users/BreHarris0917/projects/2>



### Video:

[https://drive.google.com/file/d/1WJydhylUyxzJlrEW3yjRBrdJbg9KiTw/view?usp=share\\_link](https://drive.google.com/file/d/1WJydhylUyxzJlrEW3yjRBrdJbg9KiTw/view?usp=share_link)

### VCS:

[https://github.com/BreHarris0917/gym\\_Bros.git](https://github.com/BreHarris0917/gym_Bros.git)

### Contributions:

#### Breanna's Contribution:

For my contribution I worked on the cart file and shopping file, it was something we ended up removing to do something else, but in the beginning it was my main focus. I also worked on a workout screen that linked to some at home workouts for people to do. The home workout coincides with the 9 workouts that are on the workout page along with other workouts. The workouts range from beginner to more advanced, where some need equipment and others don't. The workout page provides a variety of workouts for people at any point in their workout journey.

#### Joanne's Contribution:

I mainly focused on the backend where I help set up the basic routes in index.js and building the check-in feature. I worked on making sure users could check in once a day, adding a point to their score only if they hadn't already checked in that day. I also set up the pop-up notification to confirm their check-in. This feature adds to the user experience and ties into the ranking system to keep users motivated.

#### Idaly's Contribution:

For my contribution, I worked on the database and its connection between the back and front end. My focus was on features like the login, register, home, and leaderboard pages. On the home page, I added functionality for viewing profiles and changing passwords. The leaderboard dynamically pulls and displays user points from the database. I also resolved issues with storing user data securely in the database.

#### Joanne's Contribution:

My contributions to the project include working on nav.hbs as well as title.hbs. These two pages utilize handlebar.js to add functionality to the basic display and navigation around the website in a dynamic manner. All unit testing for our project was completed by me during lab11. Added photos and rewrote the "about us" page, these additions contributed to the completeness of that page. All creation credit for "about us" goes to John.

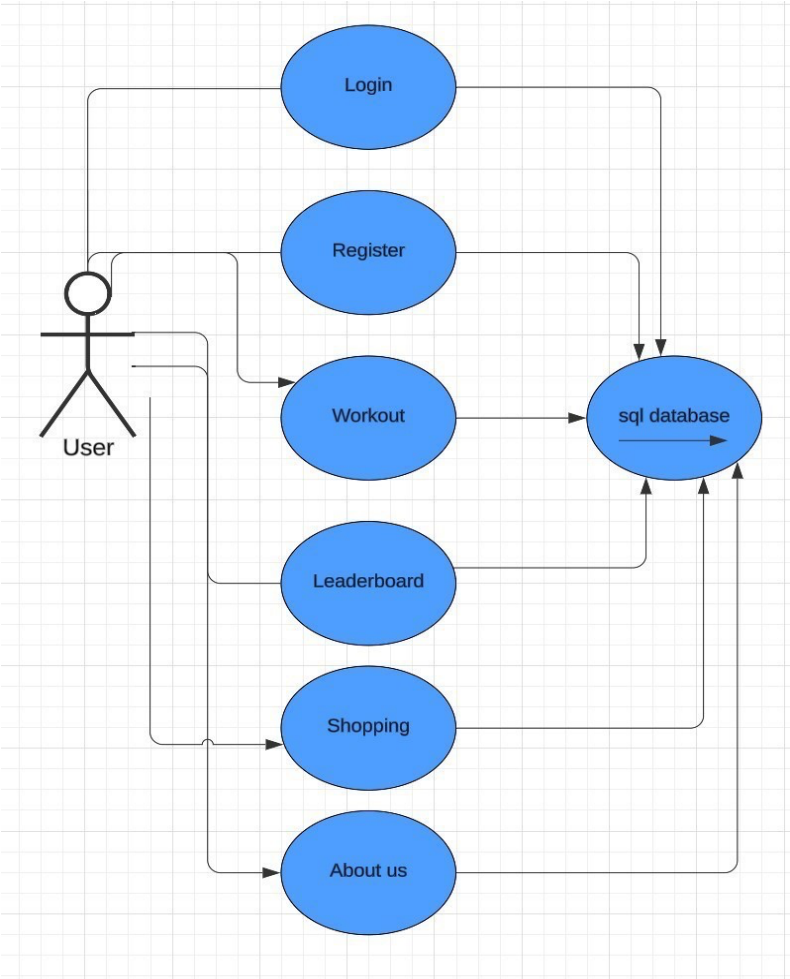
#### John's Contribution:

I worked mainly on the fitness tracking part of the application. The timers, the workout modals, and scripts that pertain to the fitness page were developed over time. I also contributed to some overall "beautification" primarily on the login and registration page, as well as the addition of an About Us page.

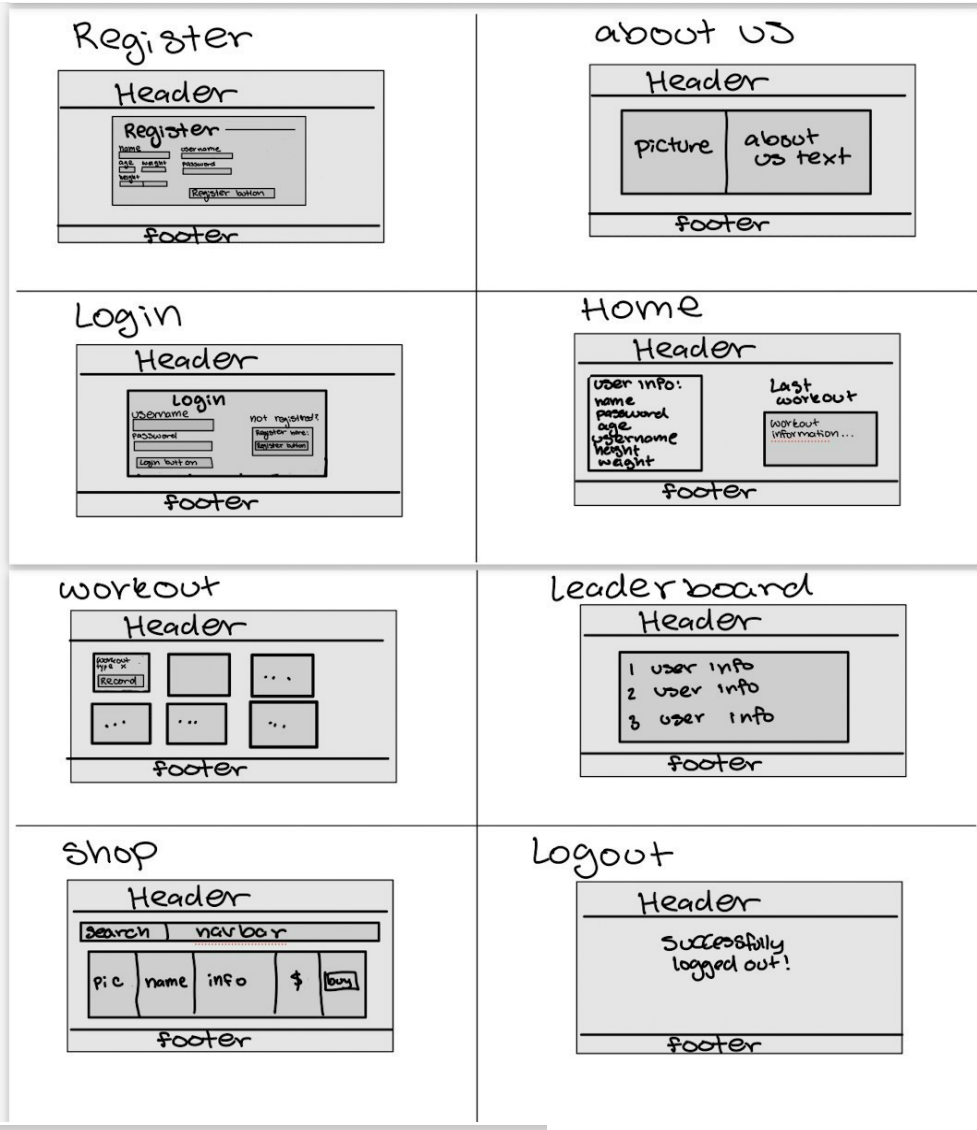
#### Nicole's Contribution:

I primarily focused on developing the storefront for our project, ensuring it was functional and user-friendly. I experimented with different ways to display products and problem solved issues related to user payments and interactions. To simplify the process, I decided to link users directly to the sellers' websites for purchases. I also added a search bar to help users easily locate specific items available in our shop. Most of my work involved building and refining the HTML components, as the shop's structure heavily relied on HTML. This approach allowed me to focus on creating an intuitive and visually appealing storefront.

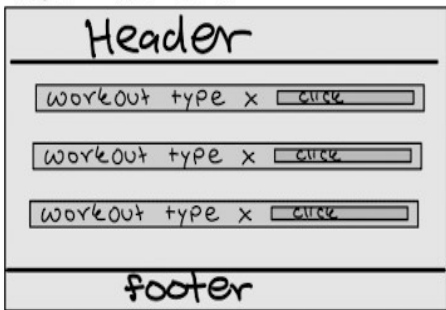
Use Case Diagram:



Wireframes:



home workouts



Test results:

I db-1 | The files belonging to this database system will be owned by user "postgres".  
db-1 | This user must also own the server process. db-1 | db-1 | The database  
cluster will be initialized with locale "en\_US.utf8". db-1 | The default database  
encoding has accordingly been set to "UTF8". db-1 | The default text search  
configuration will be set to "english". db-1 | db-1 | Data page checksums are  
disabled. db-1 |  
db-1 | fixing permissions on existing directory /var/lib/postgresql/data ... ok db-1  
| creating subdirectories ... ok  
db-1 | selecting dynamic shared memory implementation ... posix  
db-1 | selecting default max\_connections ... 100 db-1 | selecting  
default shared\_buffers ... 128MB db-1 | selecting default time zone  
... Etc/UTC db-1 | creating configuration files ... ok db-1 | running  
bootstrap script ... ok web-1 | web-1 | > testandrun  
web-1 | > npm run prestart && npm run test && npm start web-1  
|  
db-1 | performing post-bootstrap initialization ... ok  
web-1 | web-1 | > prestart web-1 | > npm install  
web-1 |  
db-1 | syncing data to disk ... ok db-1  
|  
db-1 | db-1 | Success. You can now start the database server  
using:  
db-1 |  
db-1 | pg\_ctl -D /var/lib/postgresql/data -l logfile start db-1  
|  
db-1 | initdb: warning: enabling "trust" authentication for local connections db-1 |  
You can change this by editing pg\_hba.conf or using the option -A, or db-1 | --auth-  
local and --auth-host, the next time you run initdb. db-1 | waiting for server to  
start....2024-12-04 18:33:11.059 UTC [49] LOG: starting PostgreSQL 14.13 (Debian  
14.13-1.pgdg120+1) on aarch64-unknown-linux-gnu,  
compiled by gcc (Debian 12.2.0-14) 12.2.0, 64-bit  
db-1 | 2024-12-04 18:33:11.059 UTC [49] LOG: listening on Unix socket  
"/var/run/postgresql/.s.PGSQL.5432" db-1 | 2024-12-04 18:33:11.061 UTC [50]  
LOG: database system was shut down at  
2024-12-04 18:33:10 UTC db-1 | 2024-12-04 18:33:11.063 UTC [49] LOG: database  
system is ready to accept

connections db-1 | done  
db-1 | server started db-1  
| CREATE DATABASE  
db-1 | db-1  
|  
db-1 | /usr/local/bin/docker-entrypoint.sh: running /docker-entrypoint-  
initdb.d/create.sql db-1  
| CREATE TABLE db-1 |  
CREATE TABLE db-1 |  
CREATE TABLE  
db-1 | db-1  
|  
db-1 | /usr/local/bin/docker-entrypoint.sh: running /docker-entrypoint-  
initdb.d/insert.sql  
db-1 | db-1 |  
db-1 | waiting for server to shut down...2024-12-04 18:33:11.249 UTC [49] LOG:  
received fast shutdown request db-1 | .2024-12-04 18:33:11.250 UTC [49] LOG:  
aborting any active transactions db-1 | 2024-12-04 18:33:11.251 UTC [49] LOG:  
background worker "logical replication  
launcher" (PID 56) exited with exit code 1  
db-1 | 2024-12-04 18:33:11.251 UTC [51] LOG: shutting down  
db-1 | 2024-12-04 18:33:11.273 UTC [49] LOG: database system is shut down  
db-1 | done db-1 | server stopped  
db-1 | db-1 | PostgreSQL init process complete; ready for  
start up. db-1 |  
db-1 | 2024-12-04 18:33:11.360 UTC [1] LOG: starting PostgreSQL 14.13 (Debian  
14.13-1.pgdg120+1) on aarch64-unknown-linux-gnu, compiled by gcc (Debian  
12.2.014) 12.2.0, 64-bit db-1 | 2024-12-04 18:33:11.360 UTC [1] LOG: listening on  
IPv4 address "0.0.0.0", port  
5432 db-1 | 2024-12-04 18:33:11.360 UTC [1] LOG: listening on IPv6 address ":::", port  
5432 db-1 | 2024-12-04 18:33:11.361 UTC [1] LOG: listening on Unix socket  
"/var/run/postgresql/.s.PGSQL.5432" db-1 | 2024-12-04 18:33:11.362 UTC [68]  
LOG: database system was shut down at  
2024-12-04 18:33:11 UTC db-1 | 2024-12-04 18:33:11.364 UTC [1] LOG: database  
system is ready to accept  
connections web-1  
|

```
web-1 | up to date, audited 368 packages in 1s
web-1 | web-1 | 86 packages are looking for
funding web-1 | run `npm fund` for details
web-1 |
web-1 | 12 vulnerabilities (3 low, 6 high, 3 critical) web-1 | web-
1 | To address issues that do not require attention, run: web-1 |
npm audit fix web-1 | web-1 | To address all issues (including
breaking changes), run: web-1 | npm audit fix --force web-1 |
web-1 | Run `npm audit` for details.
web-1 | web-1 |
> test web-1 | >
mocha web-1 |
web-1 | web-1 | web-1 | Database connection
successful web-1 | ✓ Returns server status web-1
| ✓ Posts data successfully web-1 | Server! web-1
| ✓ Returns the default welcome message web-1
| web-1 | Testing Add User API web-1 | ✓ positive
: /register (78ms) web-1 |
web-1 | Testing Add User API
web-1 | ✓ Negative: /register with invalid username type
web-1 | web-1 | Testing Render
web-1 | ✓ test "/login" route should render with an html response
web-1 | web-1 | Profile Route Tests web-1 | GET /fitness
web-1 | ✓ should return 401 if user is not authenticated web-1
| in fitness
web-1 | ✓ should return user profile when authenticated (75ms)
web-1 | web-1 |
web-1 | 8 passing (281ms)
web-1 | web-1 |
web-1 | > prestart
web-1 | > npm install
web-1 | web-1
|
web-1 | up to date, audited 368 packages in 419ms
web-1 | web-1 | 86 packages are looking for funding
web-1 | run `npm fund` for details
web-1 |
```



```
web-1 | 12 vulnerabilities (3 low, 6 high, 3 critical) web-1
|
web-1 | To address issues that do not require attention, run:
web-1 | npm audit fix web-1 | web-1 | To address all issues
(including breaking changes), run: web-1 | npm audit fix --force
web-1 | web-1 | Run `npm audit` for details.
web-1 | web-1 |> start web-
1 |> nodemon index.js web-
1 | web-1 | [nodemon]
2.0.22
web-1 | [nodemon] to restart at any time, enter `rs`
web-1 | [nodemon] watching path(s): *.* web-1 |
[nodemon] watching extensions: js,mjs,json web-1 |
[nodemon] starting `node index.js` web-1 |
Database connection successful
```

**Deployment:** <https://gym-bros.onrender.com/login>