

## README FILE FOR SIT725 GROUP PROJECT

### Project Title



*Logo of our project*

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## Project Description

Gym Buddy is a revolutionary fitness application meticulously crafted to empower users on their journey to peak physical wellness. By seamlessly integrating your unique biometrics and input, Gym Buddy tailors personalized workout routines, ensuring you embark on a fitness odyssey perfectly attuned to your aspirations.

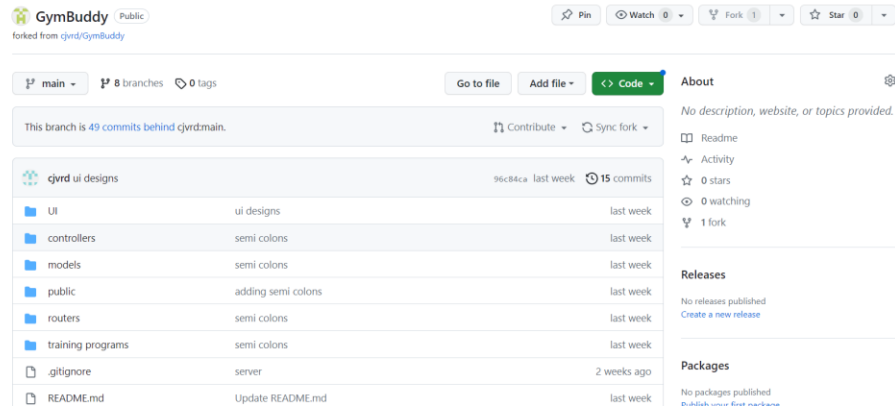
*Experience the future of fitness with Gym Buddy – where your dreams of a healthier, stronger, and more vibrant you come to life.*

## How to Install and Run the project

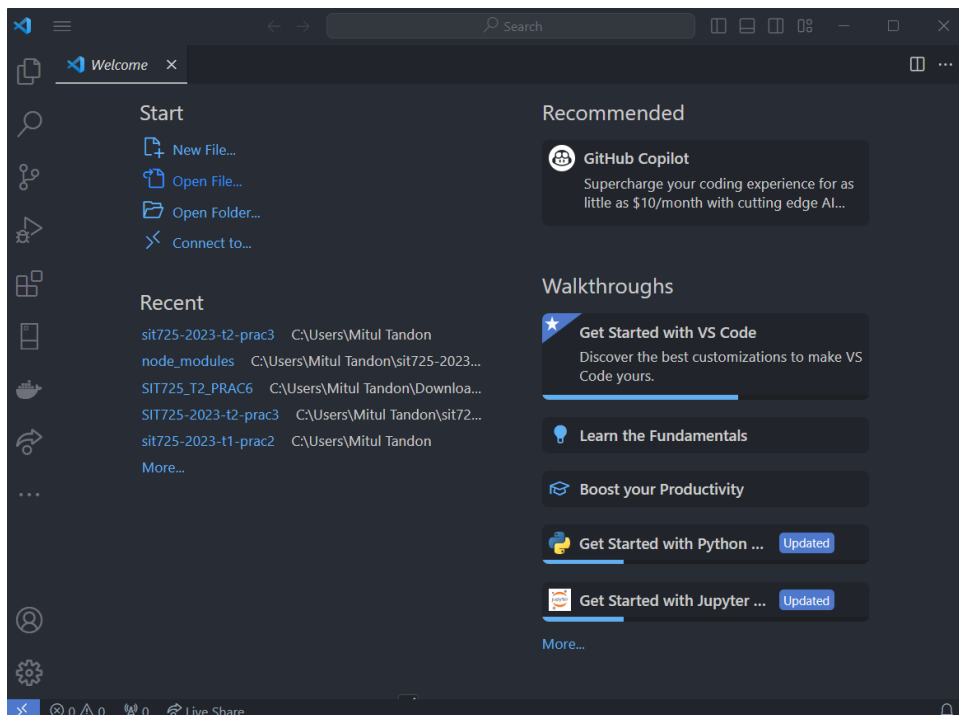
Getting started with Gym Buddy is a breeze. To install this incredible fitness companion, simply access the project's Git repository and download it to your machine or directly into your Visual Studio Code environment.

Once you have the project in your grasp, open it up in Visual Studio Code, and you're just a few steps away from fitness greatness. By executing the straightforward Node.js command "npm start," you initiate the Gym Buddy project. Watch as the Node.js file springs into action, running the entire application smoothly. Your path to fitness excellence has never been more accessible!

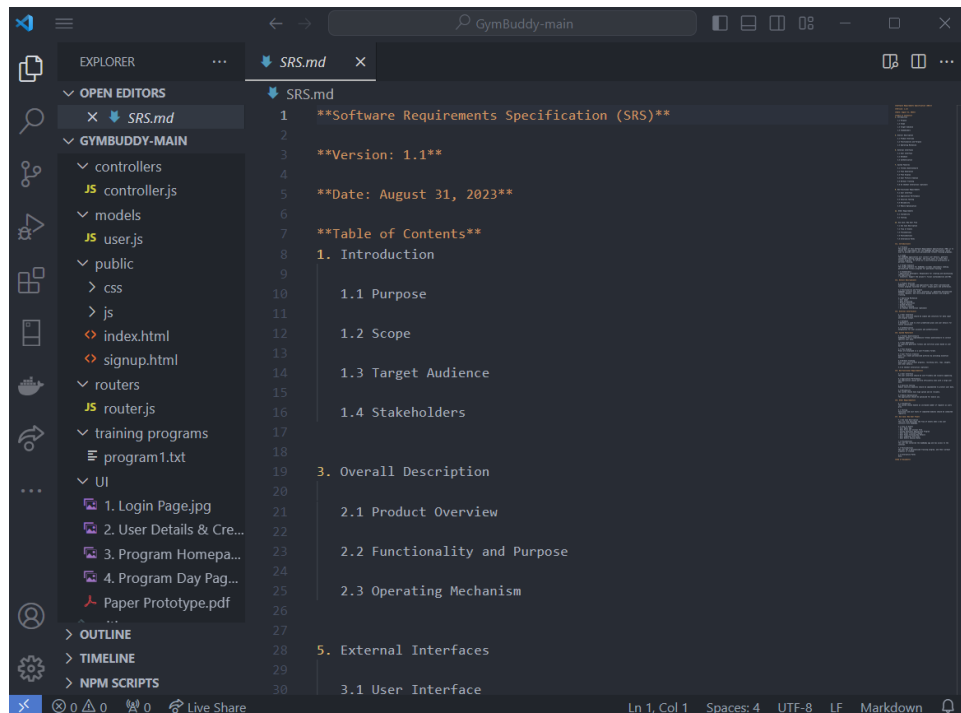
Git Link for the project: <https://github.com/cjvrd/GymBuddy>



Img1: Our project on GitHub Repository

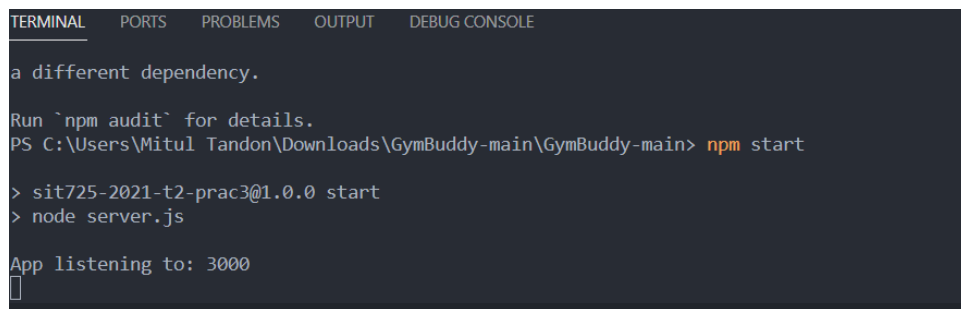


Img2: Visual Studio Code Environment



Img3: This is how the project would look like after opening in Visual Studio Code

After setting the project in the visual studio environment, we are good to go to run our project with the help of terminal. In the terminal, we can type the “npm start” command and can run our project easily.



Img4: This image depicts our application is listening to port 3000 after running npm start

## Using Gym Buddy: Your Fitness Companion

Gym Buddy boasts a user-friendly interface, designed to cater to users of all levels of tech-savviness. Simply log in or sign up using your email and password, and then provide essential personal details like age, goals, and gender. With this vital information, Gym Buddy takes the reins, delivering tailor-made weekly training programs that kickstart your fitness journey.



The above screenshots are the visual representation of our project.

Once your details are in, your path to fitness unfolds effortlessly. Each week, Gym Buddy presents you with daily workout routines meticulously calibrated to your goals, complete with sets and weights customized to match your objectives. Your fitness journey just got a whole lot simpler and smarter with Gym Buddy!

## Contributors of this project

Team Member	Student Id	Git Link
Christian Virdo	s215100352	<a href="https://github.com/cjvrd">https://github.com/cjvrd</a>
Majeed Garoot	s213041209	<a href="https://github.com/garoot">https://github.com/garoot</a>
Della Susan Jose	s222060666	<a href="https://github.com/dellasusanj">https://github.com/dellasusanj</a>
Avinash Babu	s222065416	<a href="https://github.com/Draculakl07">https://github.com/Draculakl07</a>
Mitul Tandon	s223588983	<a href="https://github.com/Mitul22">https://github.com/Mitul22</a>

*Table: Representing the team members who contributed to this project*

## Unlock Your Potential as a Gym Buddy Contributor

Join our dynamic team of developers and let your creativity flourish by becoming a contributor on GitHub. Your valuable insights and innovative ideas can breathe new life into this project, elevating it to even greater heights. As a contributor, you'll receive well-deserved credit for your contributions, leaving an indelible mark on this application's evolution.

Embrace the opportunity to shape the future of fitness technology and work alongside a community dedicated to excellence. Together, we'll enhance Gym Buddy and empower individuals worldwide on their fitness journeys. Join us on GitHub and be a part of something extraordinary!

## Elevating Excellence Through Rigorous Testing

At Gym Buddy, quality is paramount. To guarantee the flawless operation of every code section, we've meticulously incorporated a comprehensive testing framework into our project. This practice isn't just good development etiquette; it's our commitment to delivering a top-notch application.

Testing is our safeguard, assuring that every aspect of our code aligns precisely with its intended functionality. Before deployment, we leave no stone unturned, ensuring that Gym Buddy performs seamlessly, meeting all requirements and exceeding expectations. Our dedication to testing reflects our unwavering commitment to excellence.

```
const getAllUsers = (req, res) => {
  collection.getAllUsers((err, result) => {
    if (!err) {
      res.json({ statusCode: 200, data: result, message: 'got all users successfully' })
    }
  });
};

module.exports = { postUser, getAllUsers }
```

*Img5: Code depicting a test on user information*