

## **TEAM RUN**

### **Team members:**

Daniel Herrera; daniel.herrera.842@my.csun.edu (New Team Leader)

Carlos Martinez; carlos.martinez.959@my.csun.edu

Anthony Jimenez; anthony.jimenez.396@my.csun.edu

Osbaldo, Bravo; osbaldo.bravo.056@my.csun.edu

Harut Kulakchian; harut.kulakchian.037@my.csun.edu

### **MEET UPS:**

Before or After Class Tuesday/Thursday

Exchanged contact info for reaching out if we need to

### **GitHub repo link -**

[Teams Git Hub](#)

### **GitHub Names -**

Daniel Herrera - danielHerrera144

Carlos Martinez - carlosm959

Anthony Jimenez - An7hony5252

Osbaldo Bravo - Osbaldoo

Harut Kulakchian - HarutK-L

### **Problem Statement:**

We realize that one of the hardest parts of getting into shape goes beyond just working out. There are other factors that go into your health such as what you should work out, when you should rest, and what you should eat. Things such as calorie counting, label reading, and resting can be difficult for someone to maintain and keep consistent.

We initially came up with a project idea of a Workout RPG app. The app will track your workouts, but it will also have an RPG character in the app that will mimic you. The character will grow stronger as you log your workout. For example, if you do pushups and record them in the app your RPG character will grow with you. We also added a water intake feature. There is also a coin reward system that each user can accumulate in order to purchase items that can help them progress in the game such as health

potions. To further enhance the project we will be implementing more AI capabilities such as recommending a workout plan for the user and possibly adding AI to the enemies the user fights by giving them dialogue.

### **Tech Stack:**

**Frontend:** HTML5, Tailwind CSS, and vanilla JavaScript

**Backend:** Node.js, Express.js, JWT (JSON Web Tokens), bcrypt (password hashing), and CORS

**Database:** MongoDB Atlas (cloud-base NoSQL) and Mongoose

**Development & Deployment:** Git/GitHub and Railway.app (respectively)

**Deployment feature -** Need AI agent for knowledge source (can be used for the calculation of stats?)

### **Team Goals-**

**Daniel Herrera;** Wants to learn how to do backend programming as well as using different tools such as AI or different programming languages to expand their library.

**Carlos Martinez;** Want to practice app development and learn about frontend frameworks

**Anthony Jimenez;** Hope to also strengthen GitHub skills and learn about ios development and get an understanding of different languages not previously used yet.

**Daniel Herrera;** Wants to learn how to do backend programming as well as using different tools such as AI or different programming languages to expand their library.

**Osbaldo Bravo;** Wants to strengthen GitHub skills and help with testing and repo management.

**Harut Kulakchian;** Wants learn application development and the tools used for it as well as wanting experience working in a team for a Project.

**Daniel Herrera** - Frontend/Editor/User Experience

**Carlos Martinez** - Researcher/Database Developer

**Anthony Jimenez** - Tester/User Experience

**Daniel Herrera** - Frontend/Editor/User Experience

**Osbaldo Bravo** - Tester/Researcher/Repo Master/Helper/Project Manager

**Harut Kulakchian** - Application Developer/Lead Architect