

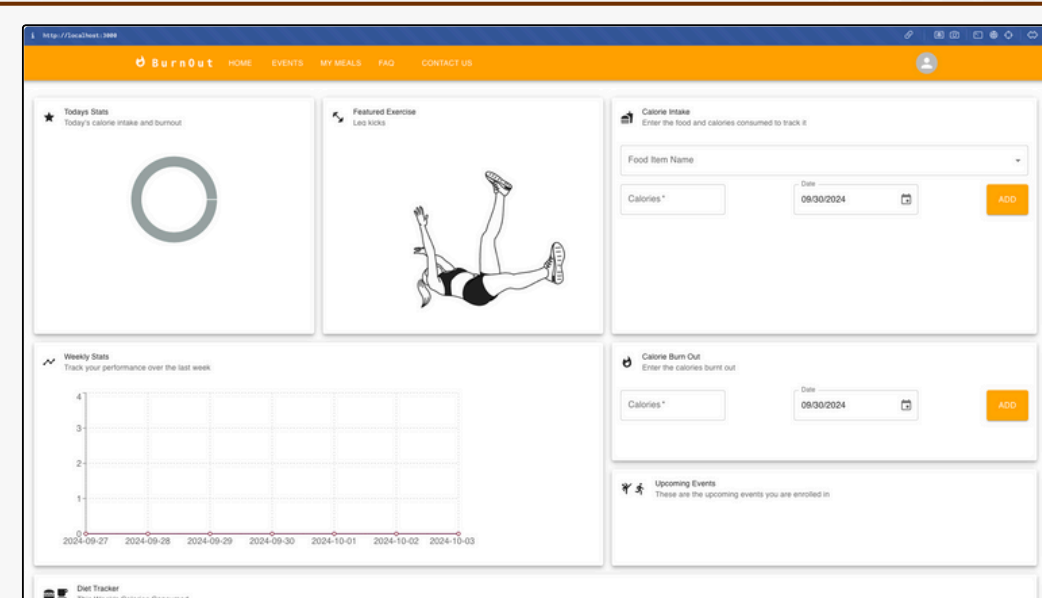
# BURNOUT

YOUR DAILY HEALTH COMPANION

Burnout is a comprehensive health and fitness platform designed to help users achieve their wellness goals. It offers features like calorie tracking, personalized meal planning, fitness event enrollment, and progress monitoring, all tailored to individual needs

## 1 Existing Features - version i

- Ability to add custom food and calories and track it 🔥
- BMI calculation for your personal profile 📏
- Fully customizable meal creation 🍴
- Randomized exercise of the day in the dashboard 🏃
- Intelligent automatic calorie burn calculation 🧮
- Sign in using google 🌐
- Enhanced UI 🖥️



## 2 New Features - version i+1

- **Food Image Analysis** : Analyze pictures of food items to asses their health impact
- **Generative AI based Fitness Plan** : Create customized fitness plan
- **Chatbot Personal Assistant** : Prove a personal trainer chatbot for user guidance
- **Calendar Integration** : Connect with calendar apps to receive gym session reminders
- **Dockerized repository and hosting** : Dockerize the proeject and host it publicly
- **Fitness Buddies** : Integrate social media for connecting with fitness buddies/gym partners
- **Activity Tracker Integration** : Sync with activity trackers for seamless monitoring

## 3 Test Suite

- **Component Rendering** : Tests the key frontend components render without crashing
- **API Endpoints** : Tests unauthorized access to variours API endpoints
- **User Auth** : Test the user registration
- **Data Retrieval** : Test fetching of events and user specific data
- **User Actions** : Tests the various user actions - profile, meal, goals etc

Covering 30+ Test Cases

Run Tests On Push **passing**

codecov **69%**

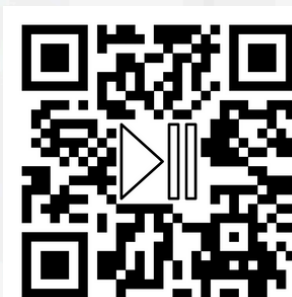
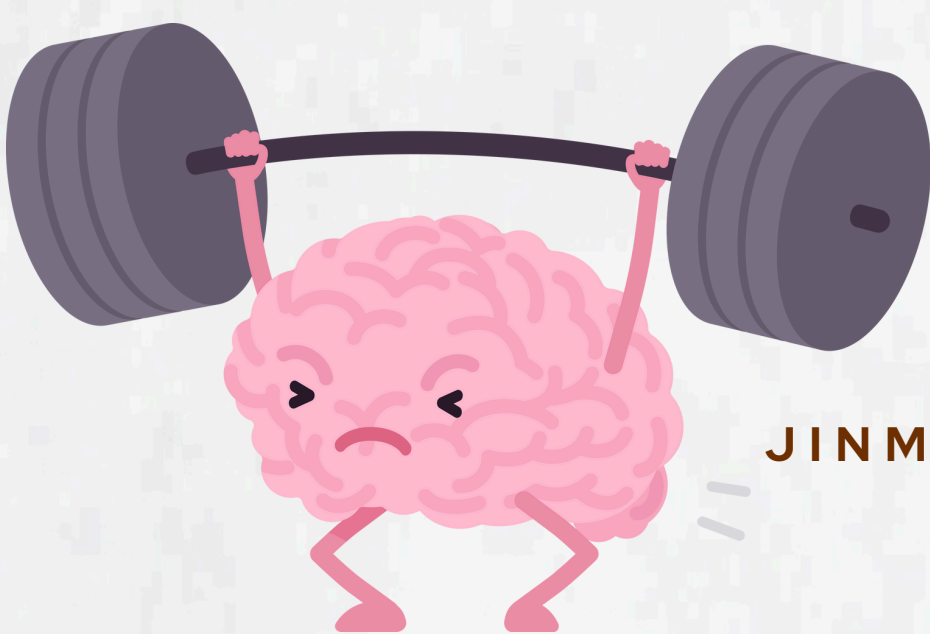
## 4 Tech Stack

React

Flask

python

mongoDB



CSC 510 TEAM 96

JINMING XING | KRISHA PATEL | SHREYAS DEVARAJ