Team 7

CSC 4350 - Software Engineering

Dr. Rao Casturi

Project Name:

Fitness Flight Plan

**Team Members:**

Pierce Phillips (Python, Java, SQL)

Kyle Simms (Java, C+, Python, SQL)

Deandre Binns (Java, Python, HTML)

George Pogorelov (Java, JavaScript, Python)

Deon Winston Europe (Java, HTML, SQL, C)

**GitHub Repository:**

https://github.com/georgepogo10/ProjectTeam7.git

**Project Short Name:**

Fitness Flight Plan: Charting a Way to a Healthier You

**Project Description:**

Fitness Flight Plan (FFP) will take user-provided stats (height, weight, age, etc.) and answers to lifestyle questions (physical activity level, weight goals, bulking, etc.). FFP will then provide them with a monthly guide on how to achieve their goal by making suggestions to adjust their calorie intake, physical activity, and more. This guide will have exercises the customer will need to perform and meals that will meet their calorie, protein, and carbohydrate needs. Additional features would also include a calorie tracker (basic, pretty-looking table) where users can store info about their daily diet.

**Mockup:** https://github.com/georgepogo10/ProjectTeam7.git

https://site123975.nicepage.io/

**Technology Stack:**

Tools: Trello, Discord, Nicepage

Languages: HTML/CSS, JavaScript, Python

Database: SQLite

**Team Member Strengths:**

Pierce Philips: Web development, Databases, Data Engineering, Data Science (ML models), Business Intelligence, Accessibility, Previous hackathon winner, Industry experience on an Agile team, Leadership

Kyle Simms: data science, data-driven decisions

Deandre Binns: Backend development, Web design, Communication, Mathematics

George Pogorelov: Coding Algorithms, designing websites, working with a team as a member or leader.

Deon Winston Europe: PM, marketing, research, DB management