

HealthTracker

Group: Astroid Destroyers

By: Novali Plascencia, Emilia Mahmoodi, Andy Moughalian, Roe Palmon, and Christian Rusanovsky

What's it about:

To make a website where people can create personalized diet and workout based on their body composition and information based on AI responses. For additional features we can make it more accessible or user friendly. We can add features like choosing if they are vegetarian or diet preferences, workout preferences and how many days they can work out in a week and their goal. The additional features are good to have, but the core idea. Or an app for personalized diets and workout plans based on AI.

Main Goal:

Maintaining a healthy lifestyle is difficult because most people struggle with:

- Knowing what diet best fits their body composition, preferences, and goals.
- Finding workouts that match their schedule, fitness level, and dietary restrictions.
- Staying consistent without personalized feedback or adjustments.

Technologies: a list of the technologies you plan to use: frameworks, libraries, hosting services, etc.

Figma: Frontend Design

Nextjs: both frontend and backend functionalities, making it a full-stack framework

Nodejs: open-source, cross-platform JavaScript runtime environment that allows developers to execute JavaScript code outside of a web browser

Firebase: Store user information

HeroUI: React UI library for building accessible and customizable web applications.

Tailwind CSS: A utility-first CSS framework

Tailwind Variants: Tailwind Variants is a utility library that works with any framework.

TypeScript: TypeScript is a strongly typed programming language that builds on JavaScript, giving you better tooling at any scale.

Framer Motion: A production-grade animation library for React, JavaScript, and Vue.

OpenAI : To implement API

next-themes: An abstraction for themes in your React app.

Individual Goals:

Novali Plascencia: To learn more in how to implement OpenAI and how to use Nextjs, Nodejs, and Figma more. I want to be able to create a website others can use and be able to make a fully functioning app.

Christian Rusanovsky: Learn how to implement a AI assistant into a app and have it interact with the users profile. I also want to learn how to use NEXT JS since its something I have never used before. I am also excited to use tools like HeroUI since I've only used things like bootstrap before.

Andy Moughalian: I want to learn how to create and maintain a computer database.

Emilia Mahmoodi: From this project I want to learn more about designing an app and how to implement AI.

Roe Palmon: From this project I want to learn incorporating firebase and django backend utilities. This will also be my first time using HeroUI module for Nextjs. Learning TypeScript will also be an experience since I am more familiar with JavaScript

Roles:

Emilia Mahmoodi: Lead Architect, Researcher, Editor

Christian Rusanovsky: Application Developer, Tester

Andy Moughalian: Database Developer, User Experience

Roe Palmon: Editor, Tester, Master of a specific technology, Repo master,

Novali Plascencia: Project Manager, Editor, Optimist

Chat Service: Discord

Meetings Time:

Always: After class around 8:00pm-10:00pm.

In some cases before class: 6:00pm - 7:00pm

URLS:

Github: <https://github.com/Astroid-Destroyers>