Vulcan Activity Tracker

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Team Members

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Introduction

This application aims to use a database and artificial intelligence analysis in order to encourage students to maintain a healthy lifestyle through healthy competition by uploading activities that they have completed into one platform.

Motivation

There are many activity tracking applications out there, but most of the useful features are hidden behind a paywall. Take Strava, for example; they have an $80-per-year paywall on their app. This may not be much if you are a professional athlete or are training for a competition, but if you are just generally active it is not worth the price. Our application will allow users to access some of the higher-end features without incurring a fee.

Objectives

1. Database
   1. A working database is crucial in this program as the user will be entering activities into the application and all the details of this activity need to be stored accordingly. Not only this, but the user will be able to view other people’s activities.
2. Website
   1. A website would allow everyone with a PennWest email to log in to the application and track their desired activity.
3. .

Implementation techniques

Docker

Python backend

HTML frontend (base templates)

API (ai analysis)

Potential Users

Features