requirements

purpose:
provide an intuitive and rather simple way for users to organize and join events that promote a healthy lifestyle, connect with each other, and browse events and people by categories and names

functional:
example use case scenarios:
Ben loves hiking. He finds out about this app and uses it to organize his upcoming hikes with friends. Ben invites his friends, they all create a profile and connect with each other. Ben creates an event for his upcoming hike and invites his friends. He looks up where the trail is and pins it in the event page so that everyone in the group can see it. He also sets a reminder for all members to notify them automatically before the event starts, and adds a description about what to bring. The group would like to share the cost for the fuel and some other small things. Each member just adds what they paid for and after simplifying the balances they see who owes who and how much. Ben is happy, because he managed to organize everything through this platform with an intuitive interface instead of using a messaging app. Later, he finds out that he can join other people's public hikes as well. He ends up joining one that is clsoe to him, and meets 5 amazing like-minded people who become his best hike buddies thereafter.

Oliver loves to play tennis. He recently moved to a new city, and knows no one who he could play tennis with. His friend Ben suggests him to use this app to try to find out if others have already created tennis events nearby. Otherwise, he can just create his own and someone will join.
When Oliver creates the event, everyone in his surroundings who is interested in tennis gets notified. Additionally, a few other people also get notified as they might still be interested as well, since the event he published is for beginner level players as well. Just like Ben, he tracks the costs and gear requirements in the app and chats with others.

technical requirements:

- javascript based front and back-end
- python based custom ML models as services
  one model could classify an event as promoting a healthy lifestyle or not
  another could recommend users additional users to notify about events apart from interested ones
- use some already trained LLM as sort of a chat bot for asking about health tips and tips for events
- use a mongodb database
- use some cloud service based approach like AWS to deploy
- deploy both to web and mobile

non-functional:
- users should be able to create a secure account and private events visible only to people they specify
- the application should run smooth and the ML models should capable of providing a quick answer