

Shane Matthews & Chase Deets
PaceMkr

Our app will be primarily gauged towards runners, but can be used in any type of exercise. The idea is to take in the heart rate of the user via an Apple Watch, while also monitoring location via GPS services. Via a combination of these sensors, our app will be able to tell the user how fast they should be running to meet their goals, their heart rate/calories burned, and even potentially where to run if we are able to implement a feature for setting/getting a run route. The user could possibly set goals for their heart rate based on their height, weight, and resting heart rate, potentially from a list of pre-programmed heart rate workout templates. If someone is trying to run a great distance, for instance, PaceMkr could aid them by helping them conserve their energy or by ensuring that they don't lag behind their desired pace. PaceMkr could be especially useful for long-distance runners or those in physical therapy programs.