

Who We Are

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Project Title

InPace

Description

An Arduino wristband that provides information on how the user is pacing themselves during a run, walk or cycling route. It tracks GPS locations and current times to compare the users current performance with previous attempts at the route. Other features could include more familiar statistics such as total time, heart rate, and calories burned as well as an accompanying app to display this information in a beautiful and clear manner.

Vision statement

To change the way people exercise by providing both familiar and new statistics in a clear, concise format during and after exercise.

Motivation

Innovative and experimental product that allows us to hone our skills programming for Arduino. We also like the fact that as far as we know, nothing like this exists, but it would be a helpful product for people who enjoy running or cycling.

Risks

This is a large project that could be beyond the scope of time set for this class. We will set smaller goals that can be met by class end and expand on that if we are ahead of schedule. This is also the first time half of our team will be working with Arduino programming. Fortunately, lots of documentation exists and the other half of our team are seasoned veterans.

VCS

We are going to use Github for this project.

VCS Link

<https://github.com/H-4-N-5/CS-3308-Project>