



Team Iron Man, consisting of Chelsea Reid, Nolan Meske, Chelsea Wilke, and Geoff Gullekson, represents the Smart Fit project. The Smart Fit is a personal athletic data logger that records a user's heart rate and GPS positional data, which is then used to derive further information about the user's workout. The data collected by the Smart Fit is displayed on a website. The project is being sponsored by Camosun College where the team is currently enrolled.

The Smart Fit is a portable, arm mounted, athletic device that logs the user's heart rate using a Zehpyr HxM heart monitor and positional data with a GPS module. The device connects to the user's computer using a standard USB connector and a website provides visual statistics including route tracking with Google Maps. The Smart Fit is unique in the market because of its combination of functions and cost effectiveness. Resources for the project are provided by Camosun College.

The Team



Chelsea Reid has previously worked for Daniels Electronics, has an interest in web design, and loves cats.

Role: Web Designer



Nolan Meske has previously worked for the Department of National Defence and fire-weather management gurus Forest Technology Systems.

Role: Embedded Software Development



Chelsea Wilke brings a wide variety of knowledge from subject such as: radio communications, and wireless power from previous COOP work terms.

Role: Web Designer



Geoff Gullekson Is a third year electronic student at Camosun College who has previous experience in mechanics.

Role: Hardware Development and PCB/Schematic Design

Team Ironman extends a special thank you to Camosun College, the Electronics Faculty, and support staff. Without our sponsors and the guidance provided by the Electronics Faculty we wouldn't have made it this far. As a group, through the production of a quality prototype, we have furthered our understanding of the electronic world.