

## Choice of project – description

### [TRIMM] – Team 42

The project we chose involves creating a website for the TRIMM company which allows the users to see a dashboard containing a visualization of the data obtained via a heart rate monitor and a GPS tracker during their runs so they can see how they can improve their running performance.

In particular, once the user has logged in, he or she should be able to view a variety of different graphs containing information about the state of the variables (as shown in the .xml file given to us by TRIMM) during each separate run, such as impact, braking force, push-off power, duration and pace. In addition to that information, the other data in the .xml file should be available as a comparison, including axial tibial/sacral acceleration, vertical lower leg angle, surfaces, etc. The user should be able to compare the various variables, between the variables themselves and between different runs, and he/she should be able to combine, filter and sort these variables whenever possible.

In terms of access, the user should be able to see the main page of the website and if he or she decides to join, he or she should be able to create an account with which to log in. Each user's data should only be available to that specific user and the account cannot be modified by anyone else in any way.

The website should be as user-friendly and visually pleasing as possible. Users cannot be made to wait for too long and the site should not be confusing to navigate. If there is a need, help buttons, for example, can be placed where necessary. Additionally, the dashboard should follow the TRIMM brand guide, for example with regard to color schemes, fonts and logos, and it should be responsive, i.e. working well on mobile devices, tablets and screens of different sizes.