Project Plan - Group 03

Vision

The core functionality of our application is to generate a random jogging route. The user should be able to set the length of the route and the application will - based on that data - generate a route. The route that is generated will be traced with a line on a map.

Features

We are hoping to be able to add as many as possible of the following features:
- Update the users current position during the run.
- Different start/end points
- Monitor time ran, current speed, average speed, calorie consumption m.m.
  - Visually presented through graphs
- Feature music playback functionality with ability to play preset songs at special occasions:
  - Up & down hill
  - After a certain distance [km, %] completed (i.e. *Det är över nu* by Gessle at a round's end)
  - When speed drops to a certain point.
  - GPS-coordinates
- Save ran routes and share at social networks
  - Rate different routes etc

Libraries

Our application will depend on the Google Maps API for generating the routes, and libspotify for playing music.

Project Roles

Product owner - Anton Lindgren
Scrum Master - Victor Lindhé
Developers - Niklas Andréasson, John Hult, Anton Lindgren, Victor Lindhé, Johannes Wikner

License

The Google Maps API requires that the application is free for the end-user, and also publicly available.

Libspotify, that we will use if it's possible and if we find the time, has the same requirements as the Google Maps API.

Due to that we want to be able to "make the source closed" after the project is done, and also because that we want to avoid problems regarding rights for the examiners to review the project, we've chosen the Apache-License.