**TracKtiv
Vision**

Version 1.0

Revision History

Date	Version	Description	Author
13/Mar/2019	1.0	Initial project statement	Moldovan Balázs

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Vision

1.   Introduction

Nowadays most of the people are working in front of several screens, sitting all day in an office chair. This results directly into the fact that people do not exercise enough, do not keep themselves fit, which can lead to serious health problems in short time. An alternative solution for this problem would be to keep an eye on our daily activities, count the number of steps made, the exercises made, calculate the number of burnt calories. As it is easily observable this method is really time-ineffective, monotonous and boring. The proposed system will simplify the monitoring of any workout activity.

1.1   Purpose

The system replaces the human effort for activity monitoring with an automated, simplified method. The principle aim is to provide the user a tool to register the activities, workouts during days to avoid the extra time needed by any person to monitor these. After that to store all the data in database, and thirdly to develop algorithms to obtain any new achievement of the user..

1.2   Scope

The system will cover the following features:
- User Authentication (create account + login)
- User Profile
- New Activity Registration (The user provides all the data such as: activity type, distance, date)
- Friend Request
- New Team Activity Registration
- Activity Overview
- Achievement Overview (System provides the user with any new achievement such as longest run, or fastest swim)
- Workout Reminder via email
- Statistics - Provided only for the admins of the system

*Services for interfacing real wearable devices with the application will be provided by other systems.

1.3 Definitions, Acronyms, and Abbreviations

Term	Definition
Workout Activity	Workout activities are the types of exercises that can be done by the user. (e.g. Running, Cycling, Swimming, Gym, etc)
Team Activity	Team activities represent practicing group sports (Basketball, Soccer, etc)
Reminder	Notification of absence of exercise for predefined time intervals (e.g. reminder for not exercising for 5, 7, 10, … days)
Achievement	Record about an activity whose parameters exceeds the recorded parameters of other activities of the same type. The reach of any predefined achievement type and level. (e.g. 30 consecutive days of workout)

1.4 References
For further clarifications see:
- TracKtiv_UseCaseModel_SubmitRequest
- TracKtiv_UseCaseModel_SeeRanking
- TracKtiv_SupplementarySpecification
- TracKtiv_Analysis_and_Design_Document

1.5 Overview

The following sections will describe the market positioning of the system. We will then continue by describing the involved stakeholders, the end users, the end user environment and the product hardware and software requirements.

2. Positioning

2.1 Problem Statement

The problem of	Monitoring personal workouts
affects	All the people wanting a personal record of sport activities
the impact of which is	Lot of time wasted on manually keeping the record
a successful solution would be	To create an online environment for monitoring the workouts which also gives positive and negative insights for the user.

2.2 Product Position Statement

For	Any person
Who	Needs a structured workout view
The (product name)	TracKtiv
That	centralizes and monitors the workout activities
Unlike	HealthCare, iCare
Our product	- Activity parameters - Exerciseless intervals - User achievements

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Hardware Producer	Any hardware producer whose products are connected directly to the system wanting to feed their own database with user data gathered from their wearable products.	Provide the system with real data in order to maintain a real activity monitor.
System administrator	The person in charge with system maintenance after implementation.	Ensures system is maintainable. Provides valid data for the system.

3.2   User Summary

Simple Person	Any person paying attention to a healthy lifestyle who feels the application would be in their own interest in order to provide a good solution for keeping track of their own workouts.	Provide the system with real data in order to maintain a real activity monitor.	Direct user

3.3   User Environment

Simple User

The simple user is considered to submit workout activity data on personal computer at home after each workout.

4.   Product Requirements

For any user the product requires stable internet connection, computer with dual core CPU and at least 4GB RAM and 1GB hard drive space and peripherals as monitor, mouse, keyboard.