**Social Gym Software Requirements Specifications**

**Version 1.0**

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| Social Gym | Version: 1.0 |
| Software Requirements Specifications | Date: 14.09.2016 |
| SG-SRS | |

**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 14.09.2016 | 1.0 | Initial version of a document specifying requirements for software | Igor Sukhinskii, Olga Iliasova |
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| SRS0001 | |

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**Software Requirements Specifications**

# Introduction

The introduction of the **Software Requirements Specification (SRS)** provides an overview of **SRS**. It includes the purpose, scope, definitions, acronyms, abbreviations, references of the **SRS**.

## Purpose

The purpose of this SRS is to describe basic requirements for Social Gym application.

## Scope

The **Social Gym** app is designed to assist people in finding company for different sport activities in their district such as running, jogging, football, hiking, cycling and so on. Users can create, view, search and attend sports events with positioning on the map. For each event is determined special set of features like as limit of users, fitness level, appropriate clothing, total duration, topography and so on. Users can use their location in order to find closest events and to always be able to connect with like-minded people through sport and fitness, wherever they are located.

## Definitions, Acronyms, and Abbreviations

SRS – Software Requirement Specifications

SG – Social Gym

## References

No additional documents are referenced in this document.

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# Overall Description

## Product perspective

* + 1. *User Interfaces*

The application should have a registration/login screen, a map screen that shows upcoming events, “My Events” screen, “Create Event” screen, “View Event” screen, “Personal Profile” screen and also settings screen, notification, and ability to show events without registrations.

* + 1. *Software Interfaces*

The application should have a possibility to integrate with google services and social networks accounts to synchronize data between different devices.

* + 1. *Communication Interfaces*

The application requires an internet connection to perform its main functions.

* + 1. *Product functions*

Two main product functions: are creation and finding of sport events.

## Constraints

Application should run on Android system.

# Specific Requirements

## Functionality

*3.1.1. Create a sports event*

User should be able to create a sports event and to specify a place, start time, approximate duration, type of event and some type-specific parameters like distance, fitness level, required equipment, etc.

*3.1.2. Find nearby upcoming sports events*

User should be able to find a sports event nearby using the map that shows all upcoming events. User should be able to filter the map to only show specific events.

*3.1.3 Sign up to a sports event*

When the user has found an interesting event, is should be possible for said user to sign up to it in order to inform others and so that people can have a general idea of how many people are coming.

*3.1.4 Synchronizing with Google and others social networks accounts.*

Users should be able to register and log in with their accounts. Users should also be able to reset his/her password.

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# Classification of Functional Requirements

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| **Functionality** | **Type** |
| Create a sports event | Essential |
| Find nearby upcoming sports events | Essential |
| Sign up to a sports event | Essential |
| Registering and signing in with Google and social networks accounts | Desirable |

# Appendixes

No additional documents are required.