# **Software Engineering Group Projects -**

# **User Interface Specification Standards**

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## **1. INTRODUCTION**

### **1.1 Purpose of this document**

The purpose of this document is to provide our group with an outline of the types of users which are likely to use our program, what use cases our users would need to carry out, how our User Interface will allow them to do so and any error conditions that may arise. This will help our group in the Design section of the project.

### **1.2 Scope**

This document specifies the different types of typical users that may use our program, what are the potential use cases they may need to carry out with descriptions of how they would do that in the User interface and the potential error conditions that may occur when a user has the program running.

### **1.3 Objectives**

The main objective of this document is to help the group understand the requirements of the system that is going to be built and indicate a clear path for what the user can see or do at any point while interacting with the program.

## **2. TYPICAL USERS**

#### **2.1 Beginner Users**

Emily is completely new to exercising and therefore has only a rudimentary knowledge. She uses the program to show her how to perform exercises properly and keep time for her working/resting sequences.

#### **2.2 Experienced Users**

John is experienced in exercising and works out everyday, because of this he often finds it difficult to think of new and fun workouts. He uses the app to configure his own workouts and also uses the preconfigured workouts section to find HIIT workouts for him to do.

## **3. USE CASES**

### **3.1 Beginner Users**

#### **3.1.1**

Watch videos or see demonstrations of proper form for each exercise.

#### **3.1.2**

Be able to set the working and resting time.

#### **3.1.3**

Be able to start the workout by pressing a start button.

#### **3.1.4**

Be able to pause the workout by pressing a pause button.

#### **3.1.5**

Be able to resume the workout.

### **3.2 Experienced Users**

#### **3.2.3**

Accessing higher intensity or HIIT workouts which have specific exercises.

## **4. ERROR CONDITIONS**

## **5. REFERENCES**

#### **5.1**

SE.QA.04

#### **5.2**

SE.QA.02

#### **5.3**

SE.QA.03

## **6. DOCUMENT CHANGE HISTORY**

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