# Politecnico di Milano

## Master's Degree in Computer Science and Engineering

### Software Engineering 2

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# TrackMe
# Design Document

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v.0 - November 12, 2018

# Contents

# 1 Introduction

## 1.1 Purpose

## 1.2 Scope

## 1.3 Definitions

## 1.4 Acronyms and abbreviations

## 1.5 Revision history

| Version | Log |
|---------|-----|
| v.0 | DD first draft |

## 1.6 Document structure

This document uses the IEEE standards for requirement analysis documents [2] as a guideline towards a clear and logical explanation of its contents:

- Section 1 gives a brief introduction on the project to be developed.

- Section 2 describes the architectural design

- Section 3 provide an overview on how the user interface(s) of your system will look like

- Section 4 explain how the requirements previously defined in the RASD map to the design elements described in this document

- Section 5 describes how to implement the subcomponents of the system and how to integrate such subcomponents and test the integration.

- Section 6 lists the work sessions that drove this project's development, ordered by date, as the hour counter of effort spent by each group member

# 2  Architectural Design

## 2.1  Overview

## 2.2  Component view

## 2.3  Deployment view

## 2.4  Runtime view

## 2.5  Component interfaces

## 2.6  Selected architectural sytles and patterns

## 2.7  Other design decisions

# 3 User Interface Design

# 4 Requirements Traceability

# 5 Implementation, Integration and Test Plan

# 6 Effort spent

| Date | Archetti Alberto | Carminati Fabio | Activity |
|---|---|---|---|
| 12/11/2018 | 1 | 1 | Introduction sketch |

# References

[1] Mandatory Project Assignment AY 2018-2019

[2] IEEE 830-1993 - IEEE Recommended Practice for Software Requirements Specifications

[3] Slides of the course by Prof. Di Nitto
    https://beep.metid.polimi.it/

[4] LaTeX templates
    http://www.latextemplates.com/