

#### TrackMe

Software Engineering II - Prof. Elisabetta Di Nitto

#### Design Document

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#### Section 1

#### Introduction

- 1.1 Purpose
- 1.2 Scope
- 1.3 Definitions, Acronyms, Abbreviations
- 1.4 Revision History
- 1.5 Reference Documents
- 1.6 Document Structure

#### Section 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 Styles and Patterns
- 2.7 Other Design Decisions

# Section 3 User Interface Design

# Section 4 Requirements Traceability

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# Implementation, Integration and Test Plan

Section 6
Effort Spent

## **Bibliography**

- [1] ISO/IEC/IEEE 29148:2011 Systems and software engineering Life cycle processes Requirements engineering
- [2] IEEE 830:1998 Recommended Practice for Software Requirements Specifications
- [3] M.Jackson & P. Zave, The World and The Machine, 1995
- [4] Elisabetta Di Nitto Software Engineering 2 Slides (AY 2018/2019) Project goal, schedule and rules