Politecnico di Milano, A.A. 2016/2017

Software Engineering 2: PowerEnJoy
Requirements **A**nalysis and **S**pecification
Document

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October 29, 2016

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1 Introduction

1.1 Purpose

This is the Requirement Analysis and Specification Document for the PowerEnJoy car-sharing service. Its purpose is to completely describe the system, its components, functional and non-functional requirements, constraints, and relationships with the external world, and to provide typical use cases and scenarios for all the actors involved. It is also a strong baseline for project planning and cost estimization, for software evaluation and change control.

This document is written for project managers, developers, testers and systems analysts. Users are not generally interested in detailed software requirements, but they can still find it useful. It may be used in a contractual requirement.

1.2 Scope

PowerEnJoy is a digital management system for a car-sharing service that exclusively employs electric cars. It provides a reliable and managed way for rent cars available in a given geographic area.