



PowerEnJoy
Software Engineering II

Requirements Analysis and Specification Document

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Section 1

Introduction

1.1 Purpose

The Requirement Analysis and Specification Document for the *PowerEnjoy* digital management system is intended to describe the system itself, the functional and non-functional requirements, its components as well as its constraints and the relationship with the real world and the users by providing several use cases and scenarios. Furthermore part of the documentation makes use of Alloy, a language for describing structures and a tool for exploring them, and gives a formal specification of some features of the system to be.

This document establishes some baselines for the project planning, its estimation and evaluation and it may be legally binding; it is mainly addressed to developers and programmers, who have to implement the requirements, testers, who have to determine whether the requirements have been met, project managers, who control the development process and - last but not least - users, who validate the system goals.