DESIGN DOCUMENTS

Project of Software Engineering 2

WEATHER-CAL

Authors:

PAOLO POLIDORI

MARCO EDEMANTI

Contents

Chapter 1

Introduction

1.1 Purpose

This document describes the high level design and the technology involved in the development of the WeatherCal software. The target will be accomplished by the use of a description of the architecture which comes after the analisys of the problem and the constraint, explained in chapter 2. The final design and how the application will be developed is shown in chapter 3. This document is a supplement of the RASD formerly redacted. Provide an overview of the entire document.

1.2 Scope

This document is intended for the stakeholders of the system, the developers and reviewers/testers.

1.3 References

IEEE,*IEEE Std 1016-2009,IEEE Software Design Descriptions*, IEEE Computer Society 1998

Raffaela Mirandola, Design and software architecture - slides from SE2 course, 2014

Paolo Polidori, Marco Edemanti, Requirement analisys and specification document for WeatherCal project, 2014

Chapter 2

System

2.1 System Description

Give a general description of the complete system here; preferably in form of a commented drawing. This is only for an overview and can be left out or be the same as used in the SW specification document.

2.2 Design Constraints

Describe the general constraints implied by the design process and what are the impacts on the system architecture and modules design (time, tools, resources, etc.).
Describe constraints imposed by limited hardware resources. SW Constraints.
Describe constraints imposed by software environment (e.g. OS, languages, etc.)

2.3 System Architecture

Describe the chosen system architecture. For instance, architectural design patterns can be used to describe the system: peer-to-peer, client/server, stand-alone or embebbed systems, etc. Include also discussion or description of alternative designs

Chapter 3

Design

3.1 Persistance design

<Identify the product whose software requirements are specified in this document, including the revision or release number. Describe the scope of the product that is covered by this SRS, particularly if this SRS describes only part of the system or a single subsystem.>

3.2 MVC modeling

<Describe any standards or typographical conventions that were followed when writing this SRS, such as fonts or highlighting that have special significance. For example, state whether priorities for higher-level requirements are assumed to be inherited by detailed requirements, or whether every requirement statement is to have its own priority.>

3.2.1 MVC structure

3.2.2 MVC behaviour

Time Reporting

	Paolo Polidori	**Marco Edemanti**
RASD writing	19 hours	19 hours

List of Figures

Listings