



POLITECNICO

MILANO 1863

Data4Help

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DD - Design Document

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1 Introduction

1.1 Purpose

1.2 Scope

1.3 Definitions, Acronyms, Abbreviations

1.3.1 Definitions

- **Client:**
- **Server:**
- **n-tier:**
- **n-layer:**

1.3.2 Acronyms

MVCS	Model-View-Controller-Store
DBMS	Data Base Management System
REST	REpresentational State Transfer
API	Application Programming Interface
OS	Operating System
UI	User Interface
QA	Quality Assurance

Table 1: Acronyms

1.3.3 Abbreviations

- **(Rn):** n-th Requirement

1.4 Revision history

Version	Date	Changes
1.1	12/11/2018	Initial draft
1.2	10/12/2018	First deadline draft

Table 2: Revision History

1.5 Reference Documents

- ISO/IEC/IEEE 29148: <https://www.iso.org/standard/45171.html>
- Alloy Official Documentation: <http://alloy.lcs.mit.edu/alloy/documentation.html>

- Four Dark Corners of Requirements Engineering – Jackson, Zave
- Project Assignment

1.6 Document Structure

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

3 User Interface Design

4 Requirements Traceability

5 Implementation, Integration and Test Plan

6 Effort Spent

7 References