

Travlendar+ project YOUR NAMES



POLITECNICO
MILANO 1863

Requirement Analysis and Specification Document

Deliverable:	RASD
Title:	Requirement Analysis and Verification Document
Authors:	YOUR NAMES
Version:	1.0
Date:	31-January-2016
Download page:	LINK TO YOUR REPOSITORY
Copyright:	Copyright © 2017, YOUR NAMES – All rights reserved

Contents

Table of Contents	3
List of Figures	4
List of Tables	4
1 Introduction	5
1.1 Scope	5
1.1.1 Goals	5
1.1.2 World Phenomena	6
2 Overall Description	7
3 Specific Requirements	10
4 Formal Analysis Using Alloy	11
5 Effort Spent	12
References	13

List of Figures

1	DICE DPIM metamodel.	8
2	DICE DPIM metamodel in portrait form.	9

List of Tables

1 Introduction

Include a subsection for each of the following items¹:

- Purpose: here we include the goals of the project
- Scope: here we include an analysis of the world and of the shared phenomena
- Definitions, Acronyms, Abbreviations
- Revision history
- Reference Documents
- Document Structure

Below you see how to define the header for a subsection.

1.1 Scope

1.1.1 Goals

[Questa sezione è solo una bozza]

(gli stakeholders sono i grocery customers e i grocery manager)

Goals for customers

- Allow a customer to line up in a virtual queue;
 -
- Allow a customer to book a visit;
 -
- Allow a customer to logIn/singIn;
 -
- Allow a customer to access a store with a QR code;
 -
- Allow a customer to retrieve data about the queuing time;
 -
- alert the customers taking into account the time they need to get to the shop, alternatively, for longterm customers, this time could be inferred by the system based on an analysis of the previous visits;
 -
- Allow users to indicate the categories of items that they intend to buy;

Goals for managers

- Allow a manager to monitor the influx of clients;

¹By the way, what follows is the structure of an itemized list in Latex.

-
- Allow a manager to logIn/signIn;
-
- Allow a manager to provide "fake tickets" (fallback option);
-
- Allow a manager to specify the various options for his store (non so come dirlo.. intendo tipo dire quanta gente può entrare nel suo negozio, che categorie di alimenti esistono, etc...)
-

1.1.2 World Phenomena

2 Overall Description

Here you can see how to include an image in your document.

Here is the command to refer to another element (section, figure, table, ...) in the document: *As discussed in Section 1.1.2 and as shown in Figure 1,* Here is how to introduce a bibliographic citation [1]. Bibliographic references should be included in a .bib file.

Table generation is a bit complicated in Latex. You will soon become proficient, but to start you can rely on tools or external services. See for instance this <https://www.tablesgenerator.com>.

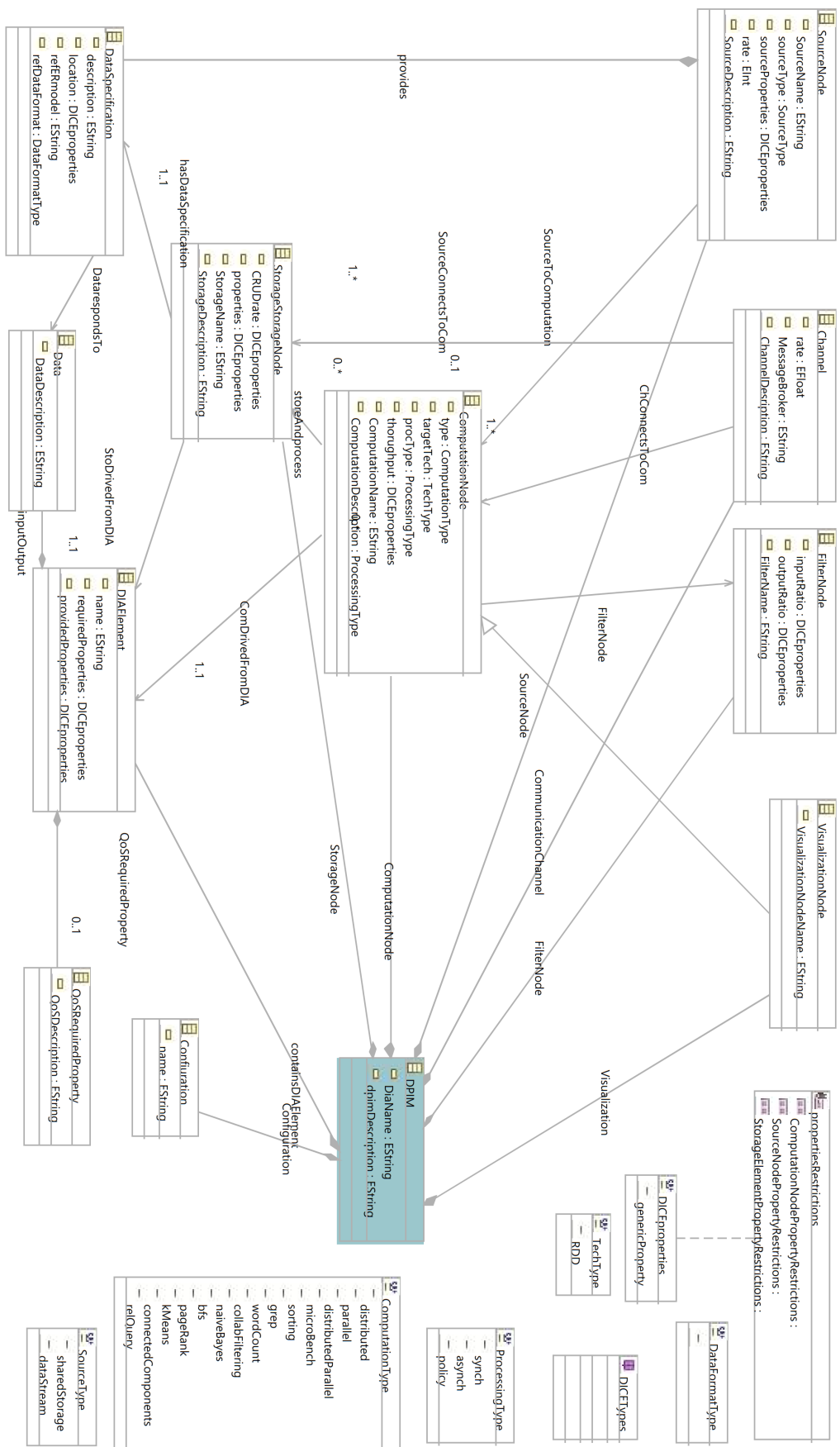


Figure 1: DICE DPIM metamodel.



Figure 2: DICE DPIM metamodel in portrait form.

3 Specific Requirements

Organize this section according to the rules defined in the project description.

4 Formal Analysis Using Alloy

Organize this section according to the rules defined in the project description.

5 Effort Spent

Provide here information about how much effort each group member spent in working at this document. We would appreciate details here.

References

- [1] S. Bernardi, J. Merseguer, and D. C. Petriu. A dependability profile within MARTE. *Software and Systems Modeling*, 10(3):313–336, 2011.