

Travlendar+ project YOUR NAMES



**POLITECNICO**  
MILANO 1863

# **Requirement Analysis and Specification Document**

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<b>Deliverable:</b>	RASD
<b>Title:</b>	Requirement Analysis and Verification Document
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<b>Download page:</b>	<a href="https://github.com/lucaalexandrelli/AlessandrelliCaraffaBionda.git">https://github.com/lucaalexandrelli/AlessandrelliCaraffaBionda.git</a>
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## List of Tables

## **1 Introduction**

### **1.1 Purpose**

... Here you see a subsubsection

### **1.2 Scope**

... Here you see a subsubsection

#### **1.2.1 Goals**

- **Data4Help**

- G.1 Locate users' position on demand and in real time.

- G.2 Retrieve users' health status on demand and track it in live.

- G.3 Allow third parties registered to retrieve information about users in single mode and in group mode.

- G.4 Ensure users' privacy.

- G.5 Allow third parties to retrieve historical data and statistics about users.

- **AutomatedSOS**

- G.1 Monitor in real time users' health status with more attention to critical parameters.

- G.2 Allow only health-interested third parties the access to data detected by AutomatedSOS.

- G.3 Provides to send an ambulance if certain parameters are below critical values.

- **Track4Run**

- G.1 Allow races organizer to promote into the system a new race and specify all the useful information about the race.

- G.2 Allow users to enrol on a specific race.

- G.3 Allow users to watch in real time the position of every athletes in a specific race during the run.

#### **1.2.2 World Phenomena**

### **1.3 Definitions, Acronyms, Abbrevations**

... Here you see a subsubsection

### **1.4 Revision History**

... Here you see a subsubsection

### **1.5 Reference Documents**

... Here you see a subsubsection

### **1.6 DocumentStructure**

... Here you see a subsubsection

## 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 1.6 and as shown in Figure 1, ....* Here is how to introduce a bibliographic citation [?]. 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>.

### 2.1 Product perspective

### 2.2 Product functions

### 2.3 User characteristics

### 2.4 Assumptions, dependencies and constraints

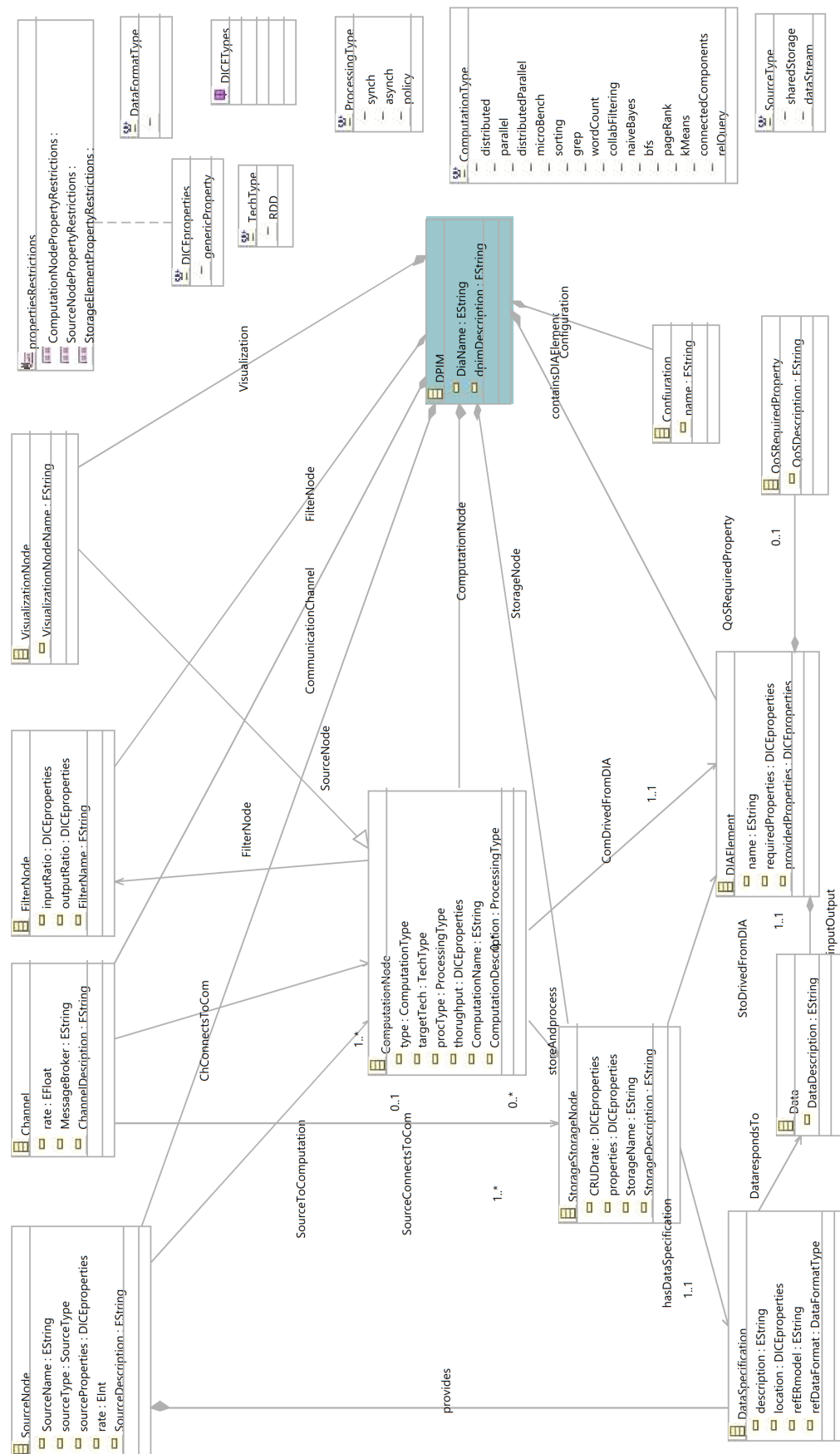


Figure 1: DICE DPIM metamodel.



Figure 2: DICE DPIM metamodel in portrait form.



### **3 Specific Requirements**

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

#### **3.1 External Interface Requirements**

##### **3.1.1 User Interfaces**

##### **3.1.2 Hardware Interfaces**

##### **3.1.3 Software Interfaces**

##### **3.1.4 Communication Interfaces**

#### **3.2 Functional Requirements**

#### **3.3 Performance Requirements**

#### **3.4 Design Constraints**

##### **3.4.1 Standards compliance**

##### **3.4.2 Hardware limitations**

##### **3.4.3 Any other constraint**

#### **3.5 Software System Attributes**

##### **3.5.1 Reliability**

##### **3.5.2 Availability**

##### **3.5.3 Security**

##### **3.5.4 Maintainability**

##### **3.5.5 Portability**

## **4 Formal Analysis Using Alloy**

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

## 5 Effort Spent

In this section are provided information about how much effort each group member spent in working at this document.

### 5.0.1 Luca Alessandrelli

Date	Task	Hours
18/10/18	Goals	1
19/10/18	Domain Assumptions	3
	<b>Total</b>	4

### 5.0.2 Andrea Caraffa

Date	Task	Hours
18/10/18		
19/10/18		
	<b>Total</b>	

### 5.0.3 Andrea Bionda

Date	Task	Hours
18/10/18		
19/10/18		
	<b>Total</b>	

## 6 References

asdasd