Deliverable D2 – Checklist

The Project website must contain, the following information. Feel free to insert them according to your website template. There are no specific requirements about how you structure the website, as long as the following information is present and clearly identifiable.

Purpose and scope

Define what is the **goal** of the system, what problems tries to solve.

Be clear and explicit about the **boundaries** of the system (what is **IN**, what is **OUT**).

Note: This information is similar to the Vision, but here it should be more concise, formal and precise. The intended readers, in this case, are system designers, or other engineers or managers, not the end users.

Length: max 2-3 paragraphs

Definitions

Glossary

Define the terms, the conventions, the concepts that you will use in your system specification. In this section, you define the *meaning* of the words that you will user later in the requirements, to wipe out any ambiguity.

Example: “the interface” is a very general term, but in the glossary you may define “Interface = web application used to access the schedule from a PC or smartphone”.

Actors

You must define the ACTORS of the system, i.e., all the types of users that will directly interact with the system.

Be specific (i.e., teacher giving a class, or student seeking a study room, not generically ‘teacher’ or ‘student’).

System Requirements

Functional Requirements (FR)

You may find useful to group the requirements per “Functional Areas”, i.e., related groups of functionalities that are related to a portion of the system features.

For example:

Functional Area Note: Define a short identifier for each area: a number or a short string	**Description** Note: Describe the functional area (should be easy to identify under which area each requirements should fall)
1 – USR	User login, registration and logout
2 – WEB	Public web pages visible by any user (even not registered users)
3 – NOTIF	Notifications sent by the system to user devices
4 – PREFS	Interface for setting user preferences
5 – etc	… etc etc …

You may then group and list functional requisites per their functional area, by using a numeric code X.Y (X=area, Y=requisite within the area).

The template for each functional requirement should contain the following information:

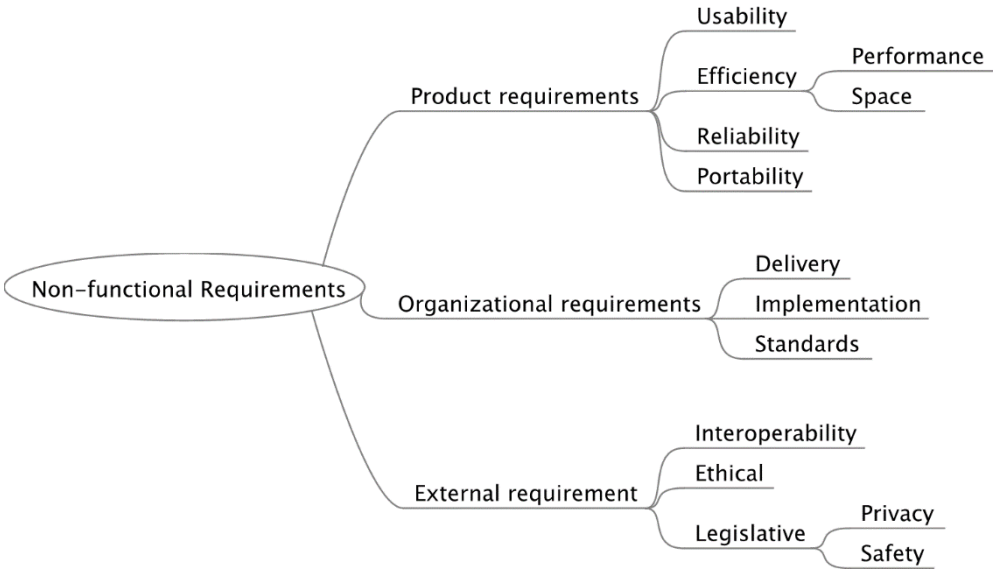
FR	X.Y (X = the functional area number or identifier; ex: 1, or USR) (Y = a number identifying the FR inside the area, ex: 3) (ex: 1.3, or USR.3)
Title	(Short definition (e.g., "Edit preferences"))
Description	(Description (2-6 lines) of the **functionality** that must be achieved. Write this description in a way that allows and facilitates the **verification** of the actual and correct implementation.)
Priority	Priority: when such a requirement must be implemented. 1=in the first version, 2…5=in later interactions of the development. Priority is a combination of **Necessity** (it's nothing special, but needs to be there for the system to work) and **Relevance** (it's the key aspect specific to our project). If you want, you may also list separately the Necessity and Relevance (in a scale 1..5) to help yourself in defining the priority

Non-Functional Requirements (NFR)

Non-Functional Requirements don't need to be grouped by functional area, since they usually affect the whole system. However, it is useful to identify the nature of the requirement, by using the categories in the figure below.

Also, there are no "priorities" in NFR, because it's usually not possible to incrementally modify the NFRs. They all need to be taken into account in the first product iteration.

The most important areas to consider in our prototypes/projects are: **Portability** (list all the compatible devices), **Interoperability** (which external systems are involved), **Efficiency** (mention the expected response times). Also, include any Legislative requirements, if you have any (e.g., for medical interfacing devices).



The template for describing NFR should include the following information:

NFR	X (Z = a number identifying the NFR, ex: 7)
Description	(Try to give quantitative and verifiable descriptions)
Area	(select one item from the picture)

Open issues

Continuation of the open issues in D1.

Update the list of Open Issues, with respect to what was presented in D1.

You may mark some (older) issues as “solved” (e.g., by ~~crossing~~ them), and some as “new”.

Try also to outline which are the **major** issues.

This should be a list (not a prose), to be able to check and modify it easily.

The open issues are the problems whose solution is not clear *at the moment* (they are not a “things to do” list, since most of the things to do are well-known, you only need time and effort).