Phase Definition Document

# General layout

In this document, we define the phase and what is needed to complete it. In this document you will find the following information:

* Rough Requirements for the final product;
* Different Software, Services and applications that will be used for developing the product;
* Defining the next phases;
* Required work to complete this phase;

# Requirements

These requirements are just a rough layout of the different options and possibilities that the project has to include. The stricter implementations of these requirements will be defined in a later phase. These requirements all have a number (e.g. **NFQ-07**), by which they can be referenced from throughout this and other documents.

## Non-functional requirements

The requirements that are not defined by functions of the application, but rather the application as a whole. These define the behavior of the application.

## Functional requirements

Functional requirements talk about the different functions of the application.

### **fq-01** - different kinds of documentation

When developing a piece of software via one of the **new ways,** a lot of documents are involved. These documents are not always simple Word or PDF files, but can be any number of images, notes, scribbles, photos, sketches, diagrams, lists etc. etc. The application must be able to process all these kinds of documents.

### **FQ-02** – User management

The application must include a user management system with permissions. An administrator (or normal users with high permissions) must be able to create, delete and change permissions of users. The different levels and permissions will be defined in a later phase.

### **FQ-03** –groups, categories and labels

The user must be able to group the different documents in a smart way, so they are able to lookup their documentsquickly. The implementation of this will be defined in a later phase.

### **FQ-04** – Version control

The application must use some sort of version control. This way, the user can upload different versions of the same document and there is room to keep a history of the changes that were made throughout the development.

# resources usage

In this paragraph, the different applications, services, software and other resources are listed. Each of them with their usage. This list will be kept up to date throughout the project.

* **Navicat**
* **StarUML**
* **MariaDB**
* **Apache**I use Apache 2.4 to host a webserver on my PC at home, this will be the main place where the application is hosted throughout development.
* **Microsoft Word**
* **Google Chrome**Chrome is used mainly for debugging my application. Furthermore, it’s also my preferred browser for viewing this and other websites.
* **PHP7**
* **GoodSync**
* **Bootstrap**
* **JQuery**
* **Git & GitHub Desktop**

I use Git, a version control system, to keep a history of my changes throughout the development.

* **Atom**My preferred text-editor for all of the (text-based) files involved in the project.

# The next phase

This is the end of Phase A, here is a short summary of what work we have done in this phase and what is to be done in the next one.

## Completed work

* We installed the services and applications that were initially needed to kickoff developing and documenting the process.
* Laid out a foundation for the documentation on the project.

## next phase

In Phase B, the following details will be dealt with:

* The detailed design of the User Management System;
* The design and construction of the side-menu and integration with the User Management System.
* Defining Phase C.