

# About a CMS

IsilinBN

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# Preface

# Introduction

## 0.1 Situation

Between early-June 2015 and end-May 2016, I have begun to develop a PHP framework to help me to produce web applications using a MVC architecture. This framework knew two versions. First was named IsilinMVC and was a naive implementation. The second, named IsilinSAs, was a little more realistic. I have had the opportunity to use each version for some projects. And this permit me to do feedbacks on my project and what I really want.

Now, I'm becoming an internship in mobile application development in Australia. In an other side, I wish to do a website to write my life during this summer and to broadcast photos taken. This is the starting point to properly begin my project. The website, will be a crash test for what I develop.

# Part I

## Goals of the projet

# Chapter 1

## CMS

### 1.1 Features

# Chapter 2

## Framework

Target : the web applications Architecture : MVC, Ajax, multi-architecture ?  
RESTful Allow adds-on

### 2.1 MVC

#### 2.1.1 Models

#### 2.1.2 View

#### 2.1.3 Controller

### 2.2 API Rest

# Chapter 3

## Environment of development

### 3.1 Project management

#### 3.1.1 Continuous integration & continuous deployment

#### 3.1.2 Task management

#### 3.1.3 Network

### 3.2 Tools

#### 3.2.1 Choice

**Version controle** Git has been chosen as the version controle system. It will be used throw the git shell terminal, and connected to a repository stored on a Github server.

**Task management** To manage the task, and the goals, an account on Freed-camp, has been created. This is a try.

#### 3.2.2 Toolchain

**About** It could be interesting to find a way to automatize the use of each tools.



## Part II

### Phases of the project

## Chapter 4

### Phase 1 - Of development

# Chapter 5

## Phase 2 - Of interface

# Chapter 6

## Phase 3 - Of improvement

# Conclusion