**Project Plan**

***Online inventory for a delivery company***

|  |
| --- |
| **Date : 10.09.2020** |
| **Version : 1.0** |
| **State : Unfinished** |
| **Author : Kaloyan Aleksiev** |

#### Version history

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Changes** | **State** |
| 1.0 | 10.09.2020 | Kaloyan Aleksiev | Started planning | Unfinished |
|  |  |  |  |  |
|  |  |  |  |  |

**Distribution**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Receivers** |
|  |  |  |
|  |  |  |

Contents

[1. Project assignment 4](#_Toc50714874)

[1.1 Context 4](#_Toc50714875)

[1.2 Goal of the project 4](#_Toc50714876)

[1.3 Scope and preconditions 4](#_Toc50714877)

[1.4 Strategy 4](#_Toc50714878)

[1.5 End products 4](#_Toc50714879)

[2. Activities and time plan 5](#_Toc50714880)

[2.1 Phases of the project 5](#_Toc50714881)

[3. Testing strategy and configuration management 6](#_Toc50714882)

[3.1 Testing strategy 6](#_Toc50714883)

[3.2 Test environment and required resources 6](#_Toc50714884)

[3.3 Configuration management 6](#_Toc50714885)

# Project assignment

## Context

*The client is a delivery company in need of an online inventory to store information about their deliveries.*

## Goal of the project

*The goal of this project is to create a piece of software which will allow the client company to store all kinds of information about deliveries they need to make, including package descriptions, size, addresses, detailed info about items in each package and due dates.*

## Scope and preconditions

|  |  |
| --- | --- |
| **Inside scope:** | **Outside scope:** |
| 1. Database to store information |  |
| 1. Web-based front end to perform CRUD operations |  |
| 1. Multiple roles with different access |  |

## Strategy

*For this project, the agile way of working is going to be used.*

## End products

* Requirements document
* Test planning
* User stories
* Database
* Website with user authentication and authorization

# Activities and time plan

## Phases of the project

* *Sprint 1 – Project plan, backlog, test plans, Restful API (first setup), CI/CD environment initialization*
* *Sprint 2 – Database*
* *Sprint 3*
* *Sprint 4*

# Testing strategy and configuration management

## 

## Testing strategy

*<<Which testing strategy do you envision? E.g., on which levels will testing take place? Consider that you could choose unit, component, integration, system, or acceptance testing.*

*Justify your strategy, and also set goals where relevant. E.g., percentage code coverage for the relevant unit tests. For each of the planned tests, indicate what will be automated and what not.*

*Also think of quality testing setups like, e.g., Sonarqube.*

*>>*

## Test environment and required resources

*<< Describe the test environment. E.g., do you envision a DTAP (Development, Testing, Acceptance, Production) environment. Can you make use of a CI/CD environment or will you develop your own?*

*It often helps to use a picture to visualize the test environment.*

*If you already know, describe which resources are required for realization and testing. Think of hardware, cloud environments and specific tooling required for development and testing.*

*>>*

## Configuration management

*<< Describe the project approach with respect to version management. This might include things like tooling, branching strategy, promotion-, release- and baseline strategy.*

*Also, when relevant, think of a mechanism to deal with change requests and problem reports.>>*