**Project Plan**

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

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

#### Version history

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

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| --- | --- | --- |
| **Version** | **Date** | **Receivers** |
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# 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 – Design Document, UML Diagram, RESTful API (supporting more requests)*
* *Sprint 3 – Database*
* *Sprint 4* *– Front-end using ReactJS*

# Testing strategy and configuration management

## Testing strategy

## Unit testing

* Acceptance testing

## 

## 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.*

*>>*