# Software Engineering Analysis and Design



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Course: Software Engineering Analysis and Design

Project: Inventory system

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Table of Contents

1. SUMMERY OF THE PROJECT1

1.1 Project Overview2

1.2 Purpose and scope of this specification 3

1. Type chapter title (level 1)4

Type chapter title (level 2)5

Type chapter title (level 3)6

1. **Summary of the project**

**1.1Project overview**

To keep track of all the stocks of the school throughout the whole supply chain that the university has can be rather challenging and tiring if done by hand. Noting everything in a piece of paper can also bring up many mistakes that can lead to many situations that the university does not want to be in. In order to keep track of every good and possession that the university has it is very useful to have a system that sorts everything in classes, offices of the professors and in the storage rooms.

The Inventory System web application is the best solution to sort all these problems. The information will be stored in a protected server which would be very flexible in the way of modifying it.

//to be continued

* 1. **Purpose and scope of this specifications**

The main focus of our program will be **STOCKS**. Everything will be related to the stocks of the university.

Stocks will be divided in **Classes, Offices, Storages** and **Special Classes** (laboratories, etc.)

The person that will report in the application about offices will be the professor that utilizes the office. The reports on the special classes will be made by the professor that is in charge of the special class (for instance for the Physics lab the Physics professor will make the report). Classes have no one in charge, but the professor that detects the problem can submit the report via the web-application.

One of the main administrators will be the **Finance Department** which will have the role of a “controller of ins and outs”. This department can get a report from the web-application of what is missing and they can add what they will provide for the university and whether the objects will be held in the Storage or be used in one of the above mentioned places.

Another important administrator is the