USER REQUIREMENTS TO CECOM INVENTORY SOFTWARE

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26/5/2023

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1. Introduction

The following text (SRS) is intended to define the user requirements of our software to manage and control an inventory in the company CECOM created for the developers Juan David Ospina Delgadillo and Brahian Ferney Barrios. We are gonna explain what the client wants and usings this information to develop it.

2. Purpose and Scope

We're gonna create a software that can control and manage all the products and services in the inventory of the company with the purpose to provide and facilitate the input and output of all the products. It's gonna be a scalable software that in the future can implement new functionalities and works for new things.

- Intended audience and intended use

    The software is gonna be used for the workers of the inventory area, the people that are in charge of receiving, handling, recognizing and exporting the objects the company has. that software will be used to improve the capacity and the speed of the inventory management process.

- Product scope

    The software is going to have a friendly user interface (UI) to login users and control all the products in the store/inventory.

- Definitions and acronyms (Glossary)

    - SRS : Software requirements specification
    - UI : User interface
    - CECOM : Cementos Concepción

3. What it will build

It will be built on php, html, css and javaScript using the mySQL databases to save the dates and register of all products, we are gonna use the (MVC) view controller model design pattern.

- Assumptions and Dependencies (possible problem)

  - A possible problem can be the weight and the amount of the information, because it is too much and maybe the database collapses with it.

- Definitions and acronyms (Glossary)

  - mySQL : database management system
  - MVC : Control view model
  - html : HyperText Markup Language
  - php : Programming language, interpreted on the server side
  - JavaScript : Programming language, interpreted on the client side, it's used for create interactive web pages

4.   Specific Requirements Details

The specific functional requirements will be based on a CRUD that will allow the control and management of the entire inventory of the company's products.

- Functional Requirements (Functions on it)

  - Login Register of a new administrator
  - Create a product
  - Read a product
  - Update a product
  - Delete a products

- External interface requirements

  - Sales management
  - Show organize table with all products
  - Organize products depends of the category (Familys)

- System features

  - Friendly with the contability area
  - Friendly with the Storage
  - Friendly for all types of public

- ○ Works in all types of browsers

- Definitions and acronyms (Glossary)

  - ○ CRUD : Create, Read, Update, Delete