ABSTRACT

Online Inventory Management is a web-based solution that is designed to give a clinic, complete control and with manage over the inventory of drugs and other items kept in storage and create reports to serve the staff of the clinic.

Traditionally, for clinic's inventories were managed manually. It included creating reports for controlling the product stocks. The ones who create these reports can easily to do mistakes as it is very difficult to record quantities for many products on a regular basis. The Online Inventory Management is mainly developed to solve these problems. The objective of this project is to decrease costs, making possible informed decisions and aeasy to manage and control inventory system.

This project involves searching for information through many resources, including books, journals and web sites. With the information collected, several analyses including SWOT analysis and Marketing Analysis were done in order to come up with the most appropriate marketing plan, as well as the System Design that is appropriate with the Database Structure. Furthermore, many web programming tools, especially Microsoft Visual Studio .NET by C# (main tool) were used to create a prototype of this online web-based system to show how those functions can attract users to do the processes.

Finally, Online Inventory Management is a good way to help users. As it is easy to use and user can produce their reports very easily, and save time and money by automating business processes and eliminating data entry duplications. Furthermore, the company would have more potential and higher efficiency with this project.