**Web Thechnology**

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**Inventory Management system**

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**Table content**

Introduction ----------------- 1

Motivation/Purpose ----------------- 2

Functionality ----------------- 2

Value of the site ---------------- 2

**Introdution**

An inventory management system (or inventory system) is the process by which you track your goods throughout your entire supply chain, from adding products to being able to see what you have in your whole inventory. It governs how you approach inventory management for your business.

Any venture that handles stock will need a system to accurately track and control it. Without one, you’ll be working on an entirely ad-hoc basis — and you’ll quickly run into situations where your business is overstocked or understocked.

Inventory systems tell you the number of components or products you have to assemble your final product. Without this information you may end up with excess stock, eroding your bottom line, or with insufficient stock to meet customer demand to avoid this kinds of problems you need inventory management system

So, the system or web site(project) is designed to help and avoid the problems listed above. It is very easy to use, have a very decent and beautiful interface to interact with, it is also responsive and works great across different platforms

Starting from the first page, it has a navigation bar with 3 buttons one of being a drop down button. Within the drop down button it has another 4 buttons guiding the user to add products, display products, search product and see the total capital in the whole inventory

**Motivation/Purpose**

The main purpose of inventory management is to help businesses easily and efficiently manage the stocking, storing, and using of inventory. By effectively managing your inventory, you’ll always know what items are in stock and how many of them there.

Especially, here in Ethiopia around Merkato there are a lot of inventory/megazin. Those inventorys are managed by using a really old method using paper. Using this method it is very hard to keep track of every incoming and outgoing products because of the papers Some can even be lost. To find a particular product sold or entered the inventory they have to go through all the products that were registerd that day. So this was my motivation to build this site

**Functionality**

Main functionality of the site is to add product to the inventoty, display products that are registered in the inventory in the registration time order, search a particular product or products that have the same name(brand) and final shows the total capital in the inventory by adding the price of each products.

**Value of the site if sold is :- 2000 ETB** its cheap because there is high demand for it