**Web Search and Rationale**

## **Title:** FPS Inventory

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## **Keywords:** inventory, ASP.net, HTML 5, Razor

## **Abstract**

## A growing small business for clothes needed a way to manage their product inventory. They have been sacrificing their time manually recording it in a book, which was previously damaged during a renovation of a branch store. Our team decided to step in and offer our services. The client wants a convenient program accessible from any device that has an online connection. Thus, we decided to create a web application that can allow the employees to manage their system better. We will be using ASP.net and design the pages with CSS3, HTML5 and Razor. SQL database will help with updating changes and saving inventory information.

## **Business/Technological Purpose**

This system will allow businesses to keep track of their products and manage their store inventory. Employees will update the inventory through an online web application. This inventory system would keep track of inventory based on location as well as company totals.

## **Our Contribution:**

Our system allows uses SQL database to neatly manage the inventory. We are using the programming language C# with ASP.net to create this web application. It is a web-based inventory management system for a single company with multiple locations. There will be an Admin that can register and manage Users. The Admin will have access to more controls of the inventory than the User. The Users will be able to generate reports from completed transactions.

Categories will be added for a smoother query experience. The system will flag necessary actions (restocking, updating, reporting).

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## **Market Analysis**

Epos Now and Shopkeep are point-of-sale systems that include their own inventory system. Their system needs devices from the company to allow this program to function, while our inventory system allows users to simply login to the web application and peruse the information. There is no need for special devices or specific operating systems. Our inventory program will be intuitive, comfortable, and it will include a help page that advices users on what they can do on a page.

Both Epos Now and Shopkeep have a separate cost for software and the device needed to run their software. Shopkeep prices range from $69 - $199. Epos Now prices range from $39 and above.

## **Competitors**

Epos Now

Shopkeep

Lightspeed

## **Pricing**

$15.00 – registration of a single admin

## **Conclusion** > It is a web-based inventory management system for a single company with multiple locations. > The system will flag actions (restocking, updating, reporting). > There is no need for special devices or specific operating systems.

## **References:**

[1] Shopkeep Review - https://www.cardpaymentoptions.com/point-of-sale/shopkeep-pos/

[2] Epos Now Review - https://www.techradar.com/reviews/epos-now-pos/