Vision and Scope Document

For

IPOS-Inventory and Point of Sale System

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**1. Business Requirements**

Inventory is important in business it plays a major part in business operations. Having a good inventory system will be a great asset for a business. It improves the accuracy, efficiency and help plan a strategy for the business. Due to this reason we propose IPOS an Inventory and Point of Sale that will help the entrepreneurs in having a strategy with the use of forecasting reports from the system. Also, it will be an easy to use for both the business and its customers, because due to rise of technology and the IPOS will have a online transaction to have more convenience.

* 1. **Background**

The 7th of May Trading Hardware Store is one of the many businesses that still use manual inventory. Since the hardware store is growing, the amount of time and effort that the employees must put into their work is also growing. There are numerous businesses that also have the same problem, the group aims to create a web application of an inventory system in order to lessen the troubles and mistakes that manual inventories can often cause. The web application will also make it easier for the personnel to keep track of the business's transactions and reports.

**1.2. Business Opportunity**

In today’s fast paced world, many businesses are competing globally to make their business grow. Having a inventory manage software that can help you lower your expenses and minimize the errors will be a great asset to the company. IPOS can help the business to compete local hardware stores. Having IPOS will automate the process of inventory that will make the staff focus on the other things. Tracking the inventory and having a good report will help you to plan and control your products, that can give you more profits.

**1.3. Business Objectives and Success Criteria**

The main goal of this project is to provide 7th of May an automate the process of inventory and ordering. The IPOS will have a auto generated reports in a QR scanner to help in strategies in the sales and to record easily the items.

**1.4. Customer or Market Needs**

The problem of 7th of May Hardware store is that how much time is consumed in knowing the products availability in the inventory. Also, the failure to generate of accurate reports. The proposed system will lessen the time consumed in looking to their storage room and be able to generate a accurate report that will help them strategies and know about their sales.

**1.5. Business Risks**

The major business risk for developing this product is that we have so many competitions in developing this product and it’s hard to find an edge for the product. When It comes to implementing the product the problem that we will encounter is the owners of the hardware store if they want to have an automated system for their stores. In order to manage the store with our product they only need to control everything using the product.

**2. Vision of the Solution**

The proposed system will provide an aid on inventory and point of sale processing by using the proposed system It will be more efficient and effective once the automation is used it will help the whole process of the hardware store. It will help the owner strategies with the help of the auto generated reports.

**2.1. Vision Statement**

Inventory and point of sale system is a must for a business to succeed. To control every growth of the business.

**2.2. Major Features**

The Inventory and Point of sale system will have the Following major features:

-There will be different accounts for Admin and staff

-A forecasting reports in daily, monthly and yearly.

-QR code scanner for the items to be easily identify.

**2.3. Assumptions and Dependencies**

We assume that the staff will be computer literate due to rise of technology of today’s era. Also, we expect to meet the requirements of the client.

**3. Scope and Limitations**

This project aims to provide an automated inventory system and point of sale where the system can inventory all products in the storage room of the store. It should have the capabilities in generating a report like daily monthly and yearly sale. Top and least selling products. t should also add, delete, save, update and to know when the product should be replenishing and show the remaining products in the store and should show the transaction and order status.

inventory and point of sale system will only limit to the following:

* Admin staff is the one that can view the reports
* Staff can only view the product, process the order, add, edit and update, and order to the supplier.
* Two separate account for the staff and the admin staff.

**3.1. Scope of Initial Release**

The Initial release will have the following features:

-There will be different accounts for Admin and staff

-A forecasting reports in daily, monthly and yearly.

-QR code scanner for the items to be easily identify.

**3.2. Scope of Subsequent Releases**

For the later release of the some features we would focus on the following:

* An online shopping system.
* Using of QR code as an official receipt and to be use as a proof.
* Automatic Email to suppliers for replenishments.