

Socialization and Training of The Use of Inventory Applications for Optimization of Goods Inventory

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Abstract

This service is entitled Socialization and Training on the Use of Inventory Applications for Optimizing Goods Inventory. The problems faced by partners include; First, (1) There is no socialization and training on the Inventory application, (2) Difficulty in making accurate customer demand forecasts. The output targets in this program are (1) application of services carried out by providing socialization and training, (2) Providing knowledge of proper and accurate inventory management. The service program is carried out in 2 forms; First, (1) socialization and training on the use of inventory applications. In using the inventory application, the training was carried out in 4 meetings. Every meeting there are training activities and socialization of the use of inventory applications to partners. Second, the design of the Nyong Group sales transaction inventory application. Second, activities and knowledge about optimizing inventory. These training sessions are conducted with partners and employees. The implementation of this program is designed in four stages of activity, namely: (1) Coordination and preparation stage (2) Training stage (3) Science and technology implementation stage (4) Evaluation & Mentoring Stage.

Keywords: Training, socialization, inventory, goods

INTRODUCTION

Rapid development and growth of information in the era of the digital revolution 4.0 have a positive impact on companies engaged in various fields such as industry, trade, and services. The utilization of more sophisticated technology can help companies obtain more timely, accurate, and efficient information (Nuh, 2021). Inventory is one of the most common and fundamental problems faced by businesses. Inventory is a significant portion of current assets in various businesses, both trading companies and service companies (Fauzi et al., 2020). Inventory records of goods are recording expenses and income. Recording expenses are transactions or orders for goods by supplier or customer messages recorded by warehouse duties. Otherwise, income recording is the addition of the process in the expenditure and entry of goods carried out by the warehouse task (Aji, Sopian, 2021).

The Inventory application in a company or business owner is closely related to data collection activities regarding the activities and transactions of goods or products from a company or business actor. Because inventory management is a very crucial thing for a business or individual, the role of an information technology (IT) based inventory system is needed to simplify the process of data entry and transaction processing. Inventory, also known as inventory, is the storage of goods, such as raw materials, or other goods, for use over a certain period (Mufida et al., 2019). Inventory and sales systems are crucial in a company, so they must be managed effectively and efficiently (Pratomo et al., 2020). This inventory application was built to make it easier for admins or employees to manage existing stock data (Sujarwadi & Fatoni, 2019). The inventory system is built with features such as incoming and outgoing goods transactions, the total stock of goods, and reports in the form of availability of goods/stocks of goods reports sales in one month and year, as well as profit/loss reports (Putra & Prasetyaningrum, 2020). The importance of implementing financial records, especially by small

business financial standards (Rismayani et al., 2022). Information system training at the Taman Sari village apparatus increased the skills and knowledge of the village apparatus after following the entire series of materials provided (Praseptiawan et al., 2021). A computerized system can simplify the process of data collection of incoming and outgoing goods so that it is easier to find the data needed, and computerized reports can provide fast, precise, and accurate information.

The partner of this service is the Nyong Group which has several business units such as culinary and Shoes and Care. Mitra is located on Jl. Gitogati, Perum gtiya Mulia Asri No. A-2, Sariharjo, Nganglik, Sleman. Currently, the system that is running is manual by managing data related to the stock of goods, which results in a slowdown in the process of managing data and controlling the supply of goods and still not knowing how to use the implementation of information technology as a supporting tool in optimizing business processes because they are still using the process. manual in practice so far. Likely, business unit managers are not yet fluent in the use and utilization of information technology for business needs. The process of recording shopping or sales needs is still using a manual process managing inventory manually, it's time to consider the benefits of using application inventory. The use of inventory applications is increasingly important. In addition, to make it easier to find out stock, the inventory application also helps the administrative process so that it is more efficient and effective. Can be seen in Figure 1.

From the above problems, this community service activity aims to provide training and socialization to facilitate the procurement department to procure goods based on the items most frequently requested by consumers.

METHOD

Service activities are arranged in order to solve problems that exist with partners. This form of problem solving is provided through training and socialization of the use of inventory applications for the Nyong Group business units:

Troubleshooting First

The first problem is that there is no socialization and training in the use of inventory applications:

- Coordination with local hamlet leaders regarding plans for implementing socialization and training.
- Prepare socialization and training materials.
- Coordinate with students at the target location.
- Conduct socialization and training on the use of inventory applications.

The results of these settlement steps are expected to have an impact on partners in managing transaction and inventory data that have occurred so far.

Second Problem Solving

The second problem is the manual management of historical transaction data. The problem-solving framework that is expected to have an impact is to use the concept of inventory in the application to provide knowledge and insight in optimizing the processing of historical transaction data and stock of goods for the needs of policy making on the conditions that occur.

RESULTS

This service activity is carried out with the aim of solving existing problems, namely:

- There is no socialization and training in the use of the sales inventory recording system in partner-owned business units.
- There is no knowledge about processing sales data for future sales policy making.

The solutions given to solve these problems in this service activity are:

- Conduct socialization and training on the use of the inventory system to help solve problems faced by partners.
- Provide activities and knowledge about processing sales data owned.

Figure 2 describes the material presented in Socialization and Training Of The Use Of Inventory Applications For Optimization Of Goods Inventory. This training activity includes

attendance, photo documentation as data attachment of the final report. The following Figure 3 is documentation training activities.

DISCUSSION

Through the solutions provided, this service activity has two output targets to be achieved, namely:

- Improved understanding and skills of partners in using inventory applications.
- Implementation of services carried out by providing knowledge about managing good inventory.

CONCLUSIONS And RECOMMENDATIONS

The conclusions from community service are as follows:

- The community service activity 'Socialization and Training of The Use of Inventory Applications for Optimization of Goods Inventory' has been implemented and is going well.
- The community service activity 'Socialization and Training of The Use of Inventory Applications for Optimization of Goods Inventory' was attended by 3 owners as participants.

Recommendations

The community service activities that have carried out, then there are several suggestions for the development of activities further community service. Some of these development suggestions, such as:

- Community service activities like this should be continued and disseminated to all MSMEs in Yogyakarta.
- The type of material can be added, the adjustment according to the needs of MSMEs.

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Figure 3. Documentation of Socialization and Training