Good afternoon/morning everyone. This is our capstone project proposal titled Feed Track: An Inventory Management System for Rich Earth Animal and Aquatic Feeds Distribution

Transition: “…“ will be discussed by Mr. …

Intro script

Whether automated or manual, inventory systems seek to bring inventory carrying costs down while ensuring sufficient stock is available to meet customer demand. An efficient inventory management is critical to business success.

One sector of the agriculture business is the animal livestock business. Animal livestock business concerns raising animals for consumption and making products like milk, eggs, or meat.

This indicates that the province of Batangas had the largest share of the total value of production and contribution in animal livestock in the CALABARZON region. This means that the province of Batangas thrives in the animal livestock business.

A sub sector of the animal livestock business is the animal feed distributors. They are an essential part of the animal livestock business as they sell essential animal feeds necessary for the health and growth of livestock animals.

These businesses often track their stocks by writing it in a paper and by manually computing the different parts of the stocks which can be very time-consuming. Additionally, in the study by margate et al., outdated and manual inventory process show loss of sales due to stock out and additional charges due to overstocking.

Significance

To the Agricultural Sector: The proposed system can help in boosting the agricultural business by having a reliable and effective inventory system to livestock feeds businesses.

To Rich Earth Animal & Aquatic Feeds Distribution: This proposed system will help the client by providing a reliable and comprehensive inventory system and to increase their operational efficiency and profitability.

To Rich Earth Animal & Aquatic Feeds Distribution Employees: the proposed system streamlines operational work and tasks that will allow employees in reducing errors and make use of their time more efficiently.

To Future Researchers: This research can serve as a reference for future researchers whose studies with similar topic. Future researchers can build on this proposed study by exploring additional features that can enhance the inventory system.

Method/approach

Descriptive qualitative research focuses on collecting rich detailed description of participant experience through methods like interview. This type of research is relevant to the study since it seeks to provide a full description of Rich Earth Animal and Aquatic Feeds Distributions' inventory management system. The use of descriptive qualitative research for gathering data through interview and observation of the target client will allow researchers to have an insight about their perspectives and experience in their current inventory system.

Plan – In the planning phase, the researcher will gather necessary information about the inventory management system of Rich earth animal and aquatic feeds distribution. Interviews will be conducted in order to know the problems that the target client may encounter in their current system. This will help the researchers to identify the key features to add to the proposed system in order to address the issues and offer insights on what the researchers need to do.

Design – In the designing phase, this will include designing the appropriate user interface that are applicable for an inventory management system as well as the database design and other aspects that are key to designing the system

Development – In the development phase, the researchers will begin to program the proposed system. Bugs and errors may arise during the development of the system.

Test – In the testing phase, the researchers will undergo testing and troubleshooting of the proposed system in order to identify and fix any issues or bugs

Release/Deployment – In the deployment phase, finalization of the proposed system takes place. The system is being prepared to be used and implemented to Rich Earth Animal and Aquatic Feeds.

Feedback/Review – In the feedback phase, gathering of feedback or review from the client for further improvements of the system as well as identifying issues that have not been identified in the testing phase

Interview:

The researchers interviewed two employees from Rich

first question the researchers asked

The researchers can assume from the answers is that both use manual recording and tracking of their animal feeds inventory.

The researchers are planning that the dashboard will contain real time updates of stocks and other information needed that needs to be seen at 1st.

Types of feeds

Layer feeds are formulated for chickens that are laying table eggs (those used for food).

broiler feed is produced to meet the daily nutritional requirements of broiler chicken. A broiler; Is a hybrid chicken reared intensively for meat purposes

hog feeds can contain a wide assortment of mixed grains and vegetation-based substances for pigs.

Floating fish feed pellets are usually used for larger groundfish, food fish, and parent fish. Floating on the surface (usually remaining intact in the water for several hours), the fish must surface to eat. This allows you to easily observe feeding rates in order to monitor the health of your fish.

Different level of access of account for supervisor, operation managers, employees for rich earth animal feeds and another level of access for rich earth aquatic feeds.