



Royal University of Phnom Penh
Faculty of Engineering



eBox Inventory System

Department : Information Technology Engineering
Course : Web Cloud Technology
Year 3, Semester 2

Team

-Huot Lysokheng

-Mekmun Sopheaktra

-Tan Sophea

Table of Content

01.

General Introduction

02.

Problem Statement

03.

Project Vision

04.

Project Scope

05.

Conclusion



01.General Introduction

Grocery Store Inventory Management

In a Grocery Store, there is always a lot of luggage to control the flow of sales, purchases, stockings and so on. To make it easier to organize the goods, the inspector usually records the data.

eBox Inventory System

Manage your Grocery store

02.Problem Statement



Inventory Record and Tracking

The grocery store has a lot of products category that make recording and tracking of products difficult to manage in-store sales data in papers.

Find Information of Products

All in-store purchases. Buyers are likely wanting to know about some product details before they choose it . Example: product come from, price, quantity and expiration date.

Project Vision

eBox Inventory System

Is a website created to manage inventory in store. Details of the goods are recorded and will be available to buyers for viewing.



Manage Inventory Record

Imported, exported, and stock management. Tracking and summary data about products in inventory.



Find Or View Information of Products

Produce QR Code that customer can scan to see about Products information and details.

Our Services

Project Scope



Create Inventory Record

List all products in store and divide products into category.



Store Product Quantity and History

Store products exports, imports, and in stock of all products and view history.



Create Products Information

Create products details of products, and more.



Grocery Owner Authentication

Inventory System have endpoint for Grocery owner to access and manage.



Produce QR Code Products information

System can generate QR Code and store products details for ready to scan.



Customer scan QR Code to view Products Information

Customers can scan QR Sticker in every products to view details.

Inventory System Technology

Technology will use in inventory system.

Website based

System create for grocery inventory management and help owner for manage products and customer easy to find information.



#1 Front End

- Flutter Web
- GetX (State Management)



#2 Back End

- Laravel
- Docker
- MySQL



#3 Hosting

- Netlify
- AWS

The background of the slide is a photograph of a grocery store aisle. On the left, there are shelves stocked with jars of tomato products. The top shelf has jars of Jovial whole peeled tomatoes, and the bottom shelf has jars of Eden Organic crushed tomatoes. On the right, there are shelves of packaged meat, including various cuts of beef and pork, with price tags visible. The entire image has an orange tint.

Conclusion

In Short, eBox Inventory system is a website that offers a store inventory management functionality. To help the flow of control in store and buyers can find products information.

Thanks For Watching