

# Royal University of Phnom Penh



Faculty of Engineering

# eBox Inventory System

Department: Information Technology Engineering

Course: Web Cloud Technology

Year 3, Semester 2

Team

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# 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.



### **Grocery Owner Authentication**

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



### **Store Product Quantity and History**

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



### **Produce QR Code Products information**

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



### **Create Products Information**

Create products details of products, and more.



# **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)



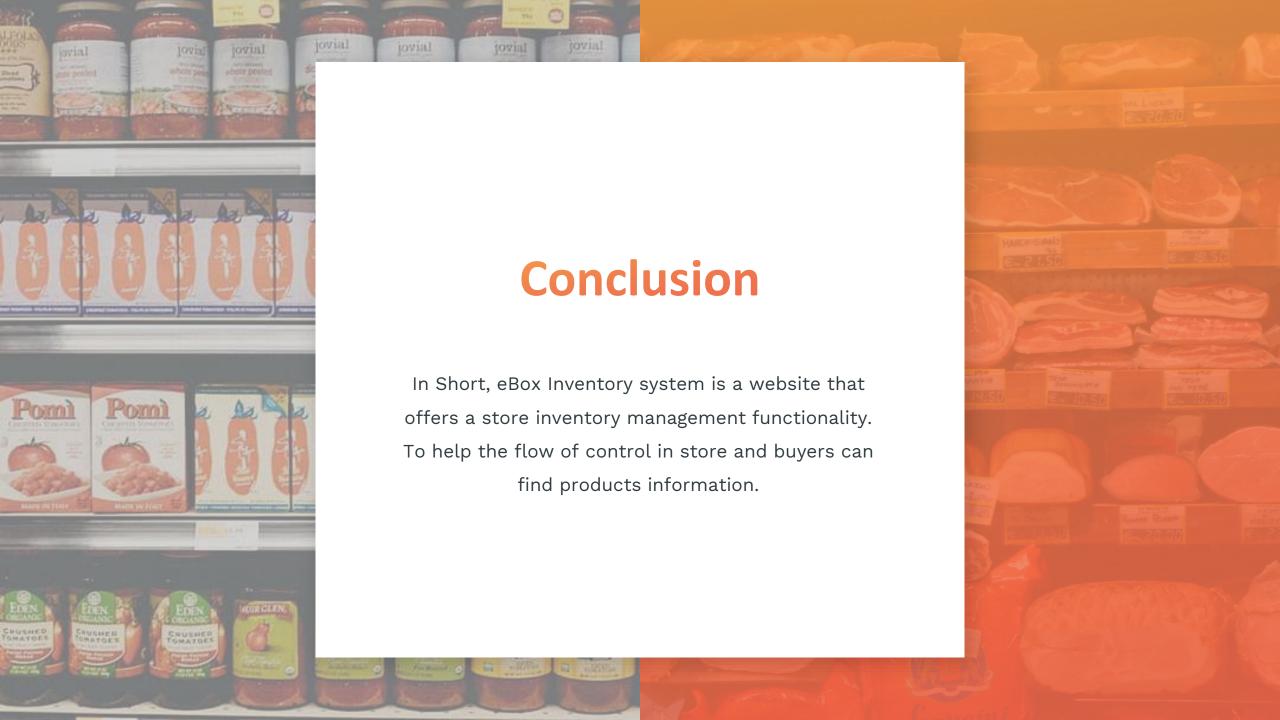
### **#2 Back End**

- Laravel
- Docker
- MySQL



### **#3 Hosting**

- Netlify
- AWS



# Thanks For Watching