SALES MANAGEMENT SYSTEM

CCC 181

Team Members & Roles:

Jumailah A. Mamalampac – QA / Team Leader

Rahana C. Bayabao – Project Manager

Zainab A. Pumbaya – Frontend Developer

Norhidaya A. Tocalo – Backend Developer

Norjannah M. Haron – Documentation

PROBLEM

- Sales records are handled manually using paper and Excel files
- No centralized database for customers, products, and sales
- Reports are created manually and take too much time

WHY IS IT IMPORTANT?

- Manual processes cause errors, delays, and data inconsistency
- Difficult to track sales performance and inventory status

WHO BENEFITS?

- Business owner (better decisions)
- Customers (accurate orders and records)

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OVERVIEW

General Objective:

To develop a centralized Sales Management System that automates sales operations

Specific Objectives:

- Centralize sales and customer data in one database
- Automate order processing, invoicing, and payments
- Generate real-time sales and inventory reports
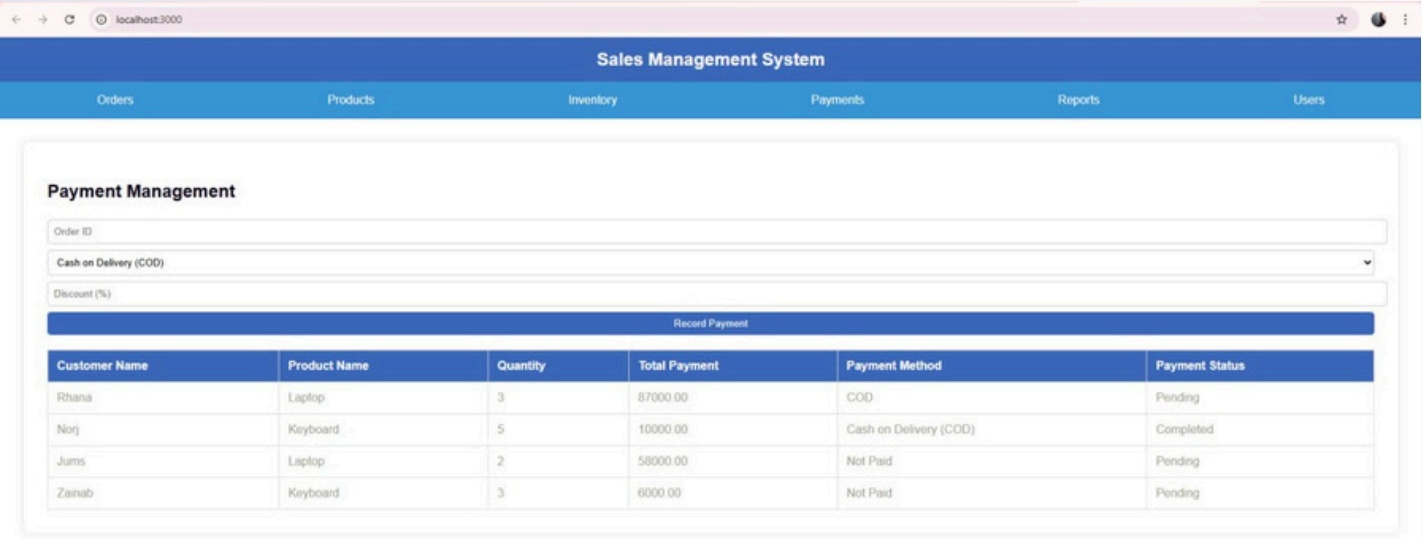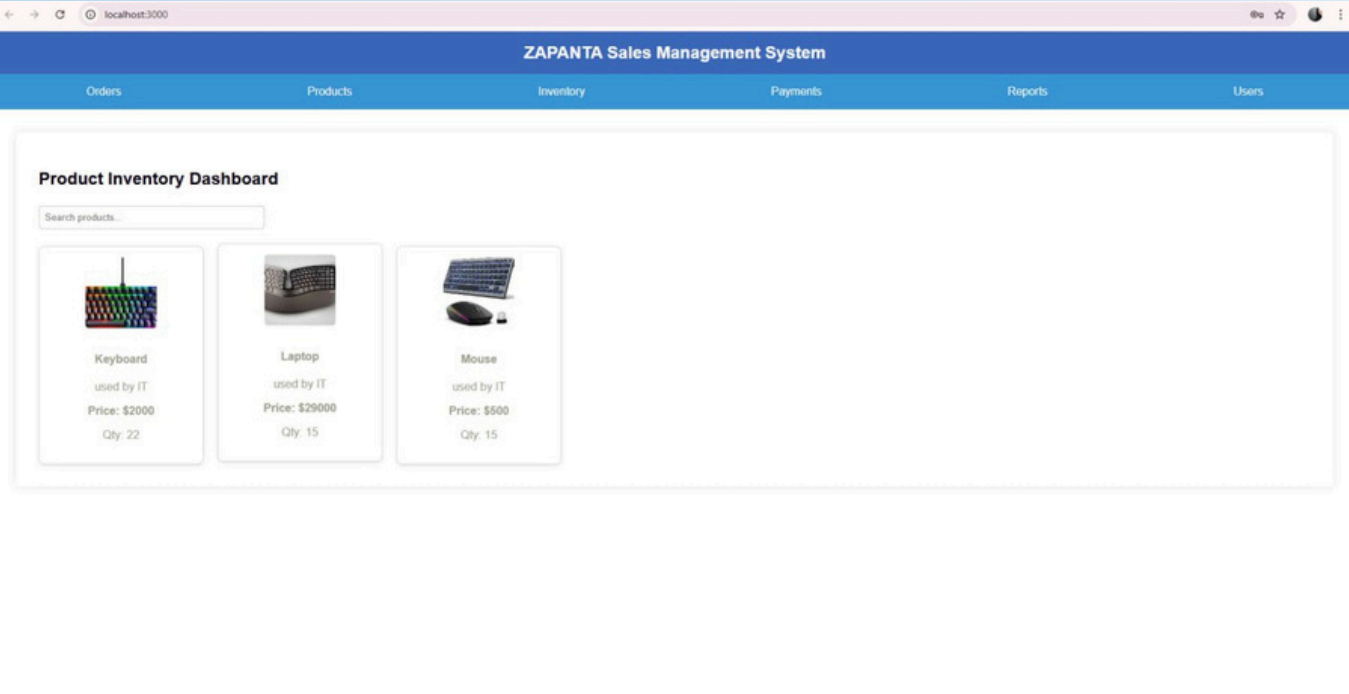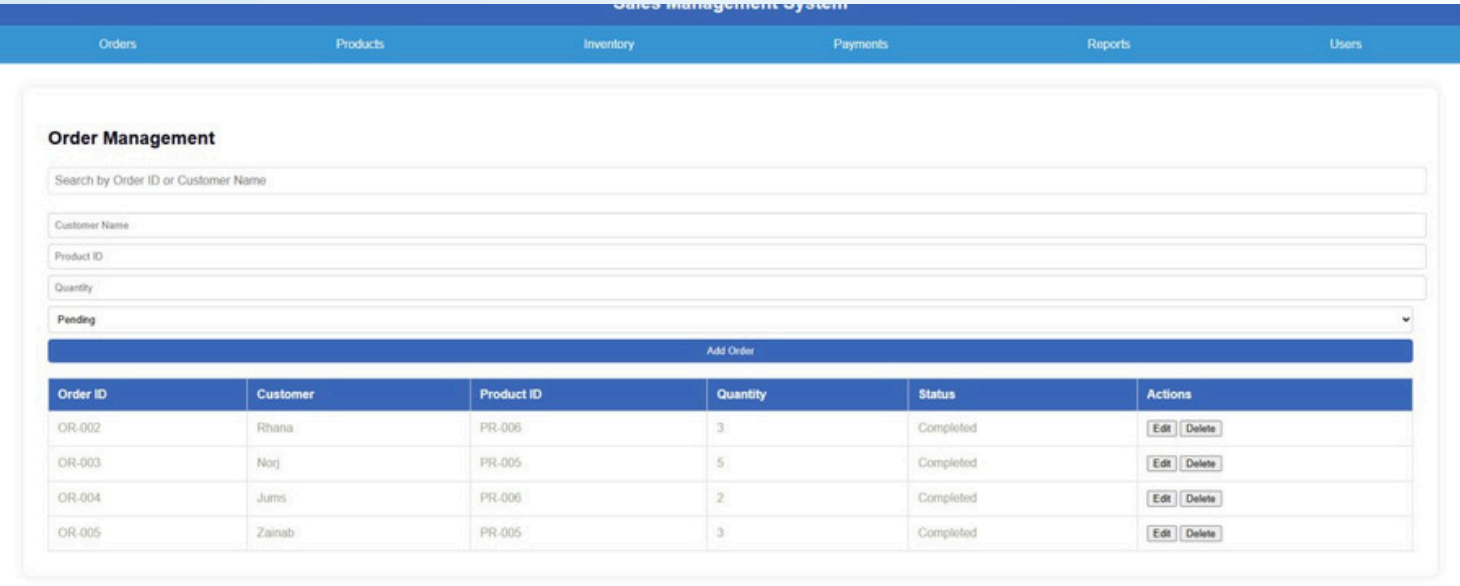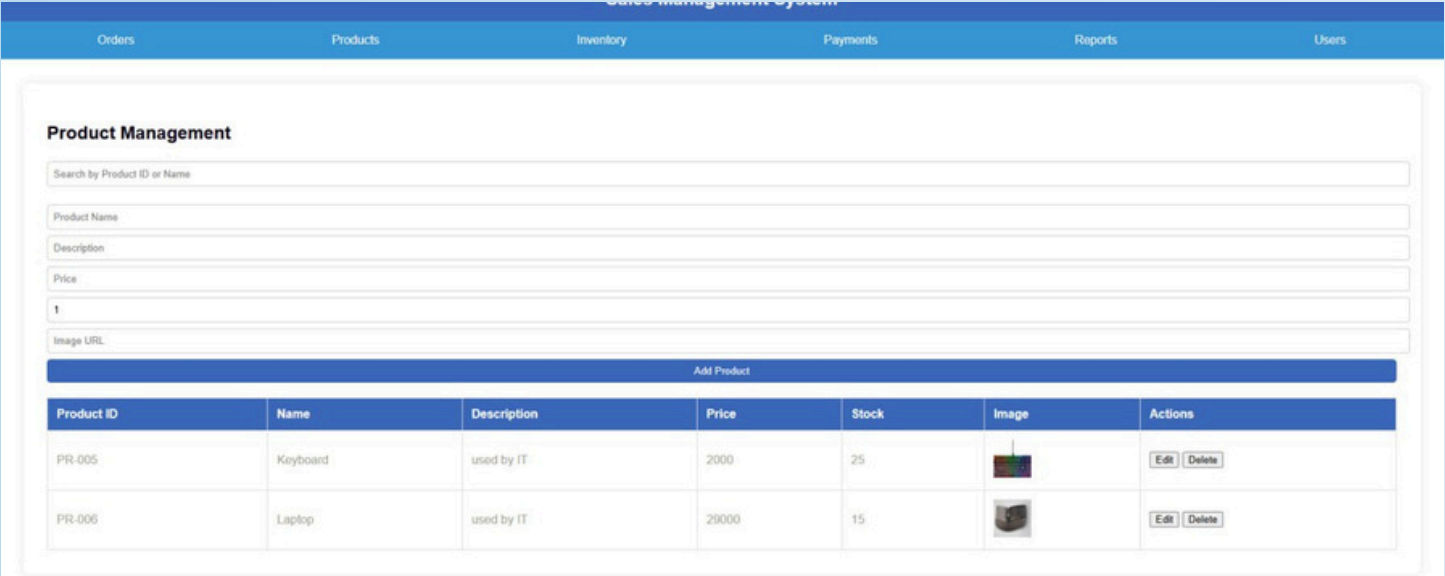- Reduce manual errors and improve efficiency

SYSTEM FEATURES / FUNCTIONALITY

Key Features:

- Order Management (create, update, track orders)
- Product & Inventory Management (stock updates, low-stock alerts)
- Receipt & Payment (Cash on Delivery)
- Reporting (daily, weekly, monthly sales)
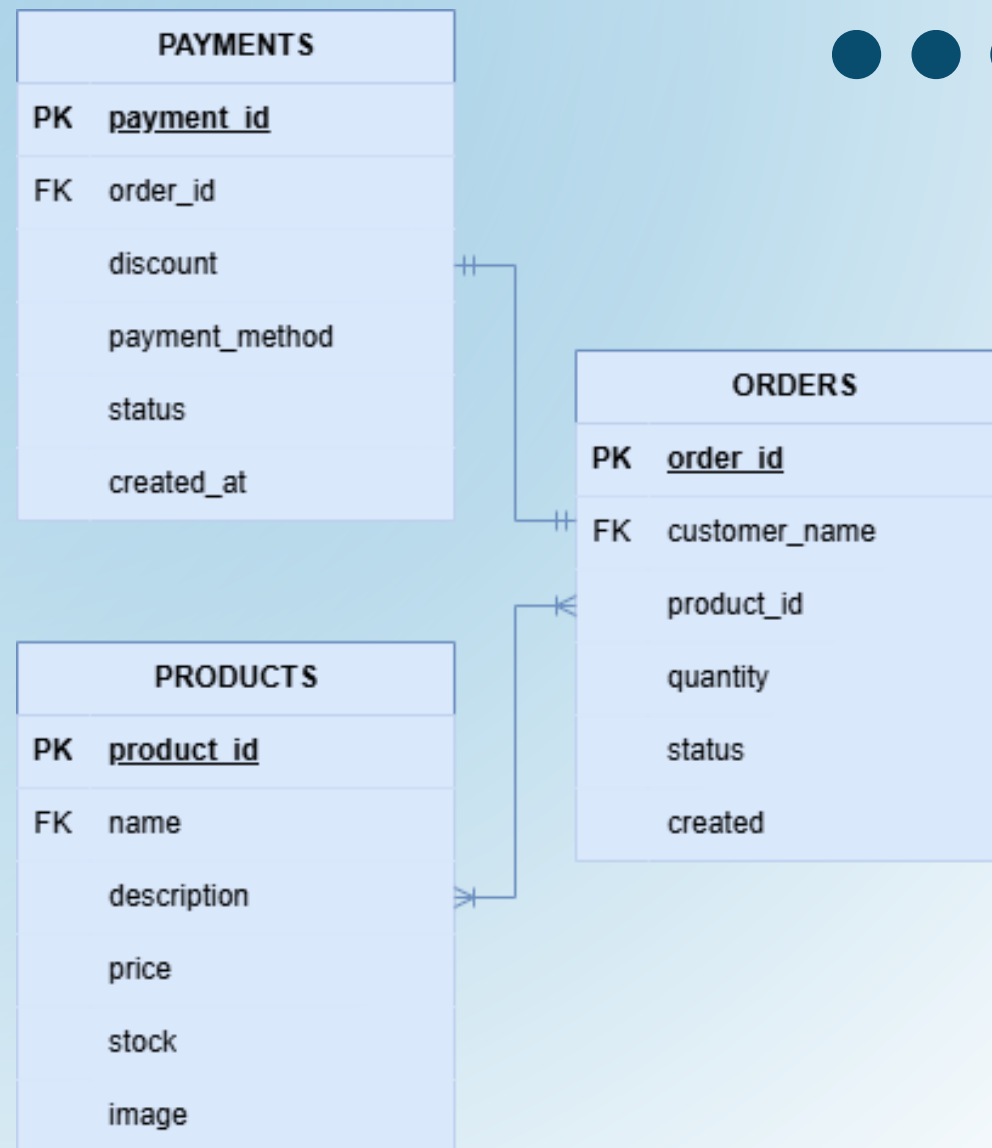- User Management (Admin)

SYSTEM FEATURES

Key Features:

SYSTEM ARCHITECTURE / TECHNICAL OVERVIEW

HOW THE SYSTEM WORKS

- Web-based system running on a local server
- Users access the system through a browser

PAYMENTS

PK	payment_id
FK	order_id
	discount
	payment_method
	status
	created_at

PRODUCTS

PK	product_id
FK	name
	description
	price
	stock
	image

ORDERS

PK	order_id
FK	customer_name
	product_id
	quantity
	status
	created

TOOLS & ENVIRONMENT

- XAMPP (Apache, MySQL, PHP)
- Web browser
- Local server setup

TECHNOLOGIES USED

FRONTEND: HTML, CSS, JAVASCRIPT

BACKEND & DATABASE: NODE.JS, XAMPP Control Panel

TOOLS: WEB BROWSERS ,CHROME EDGE

CHALLENGE & SOLUTION/ LESSON LEARNED

- TIME MANAGEMENT
- HOW TO CONNECT TO DATABASE
- TEAM COORDINATION
- INTERNET DEPENDENCY
- TECHNICAL SKILL GAPS
- MODULES INTEGRATION

FUTURE ENCHANCEMENT

- MOBILE APP

- ADVANCE FUNCTION OF EACH MODULES

- PAYMENT INTEGRATION (OTHER METHOD EXCEPT COD)

DEMO / WALKTHROUGH

THANK YOU!