



## **Final Project Report**

**Project Title - Inventory Management System(TRACK)**

GitHub repository link - <https://github.com/tanjimimtia15/Cse311Project>

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**Submitted By -**

**Group - 13**

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## **Introduction**

This introduction part gives an overview of the aim, objectives, background, and work type of our inventory management system. The project aims and objectives that will be achieved after completion of this project are as follows.

### **Aim & objectives**

- Our final outcome will be a complete management system where sellers can track and maintain all their inventory, appearing with some special features & it's a well-organized, simple user interface for the registered users.
- We'll work based on sellers who will maintain their inventory.
- Sellers can update their information (ex - name; age,gender,houseno etc) in Account information.
- Our Inventory Management System is a real-time inventory database capable of connecting multiple stores.
- Sellers can record customer information where they can easily find their identity and data store.

### **Background**

Inventory Management System is a web app that refers to inventory systems that are generally small or medium in size. Inventory management is helping businesses reach their crucial financial targets. By bringing intelligence and visibility into their inventory management they're delivering substantial cost savings and significant increases in profits. Inventory management practices can help you save money and keep an accurate stock count. When it comes to growing your business, one of the biggest challenges lies in managing your inventory. Inventory is basically having records of items and their quality, by using our management system sellers make a list of product information and product stokes. Besides, our dashboard offers some special and cool features that make our management system a bit unique. The dashboard will monitor and appear with other features in our system. We built this system for tracking, storing, and maintaining users every valuable data and can avoid big economical losses.

## Operation environment

PROCESSOR	INTEL CORE PROCESSOR OR BETTER PERFORMANCE
OPERATING SYSTEM	WINDOWS
MEMROY	1GB RAM OR MORE
HARD DISK SPACE	MINIMUM 3 GB FOR DATABASE USAGE FOR FUTURE
DATABASE	MY SQL

## Background research/Motivations

The primary purpose of inventory management is to ensure there is enough goods or materials to meet demand without creating overstock, or excess inventory.

When it comes to growing our business, one of the biggest challenges lies in managing your inventory. Perhaps the biggest benefit to using inventory management software is that it makes the process of managing your inventory a whole lot easier, saving you time, money and quite frankly, sanity. With supply and demand changing throughout the year and your stock levels continuously fluctuating, inventory management software helps to avoid the risk of human error by automating your key business processes. By streamlining the inventory management processes, you not only stand to eliminate the inventory costs associated with human error, but you can also benefit from further cost-savings. By using inventory and order management software with batch tracking capabilities, you will have far better product traceability and subsequently be able to access valuable information allowing for potential negotiations with suppliers. More specifically, we will be able to obtain a far better understanding of which suppliers are benefiting their business the most and which require improvements. With detailed information on supplier performance, they will be better equipped to negotiate more favorable trading terms and even exclusivity deals.

Effective inventory management software can provide invaluable sales data, allowing for more data-driven business decisions.

## Resources/technologies

Our inventory management system requirements.

Operating system- Windows is used as the operating system as it is stable and supports more features and is more user friendly
Database MYSQL-MYSQL is used as database as it is easy to maintain and retrieve records by simple queries which are in English language which are easy to understand and easy to write.
Development tools and Programming language- HTML is used to write the whole code and develop

webpages with css,bootstrap for styling work and php for server side scripting.

## Project Design

This section will include description of the user types, their roles and features. Also include ER Diagram, Relational Model, Project workflow.

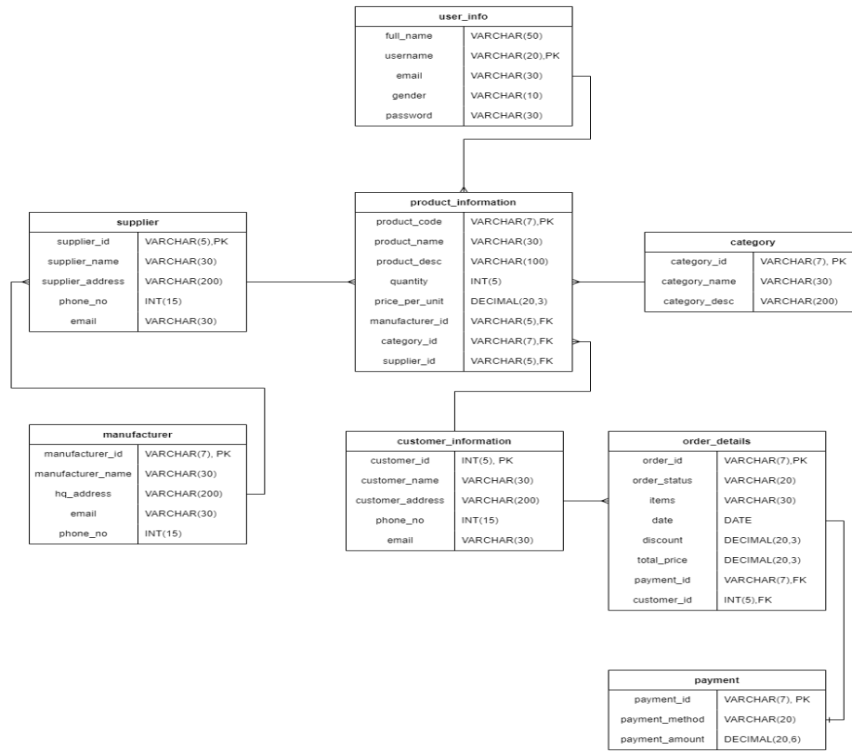
Login Page	
Register(signup)	User input their info to register as inventory user (ex-full_name,password,Geder etc)
Login	Whenever a seller sign in with email and password, they will be redirected to the corresponding account login page to dashboard.

## Dashboard Panel

Dashboard Panel	Total sales ; total profit
Product list panel	In this section, a merchant can easily track his all Products. He can easily sort product according to his Needs. It will help a merchant to track the no. of item He has in stock.
Customer information	Here Sellers can easily track and find out every data about customer information .Individual customer's account info can find out through this feature .
Order History	This feature helps to track sellers purchase history, the volume of orders and payment can be defined through this system . If order relates to any issues needed for customers or sellers then we

	can check out from this feature.
Invoice	This invoice : identified, categorized, filed and matched to a purchase order by the person responsible for the order. it's a showcase of purchasing a product to the customers.
Edit Profile	After login it will show a dashboard and bottom we can see an edit profile paenel. Here user can update his info such as ex : name,user_id,password,gender,age etc.

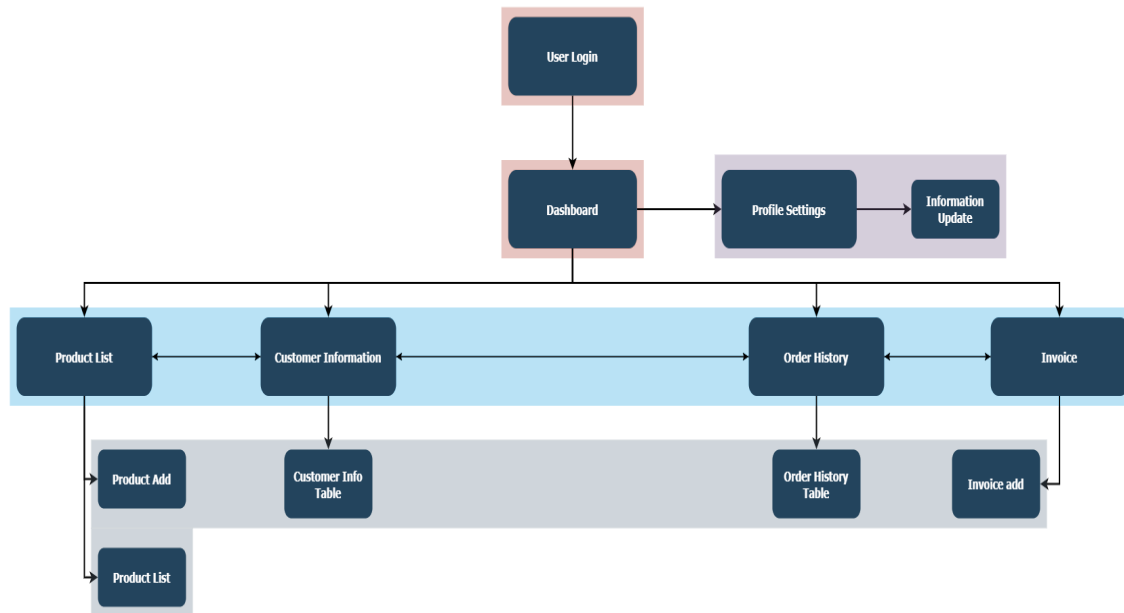
## ER DIAGRAM





## Sitemap

This is an overview of the web application and show how users traverse between the pages.



## Track Sitemap

## Snapshots

file:///C:/xampp/htdocs/track/signup.html

### SIGNUP

Full Name:

Username:

Email:

Gender

Male ▼

Password:

☐ I have agreed to terms and condition

Signup

← → ↻ file:///C:/xampp/htdocs/track/login.html ☆

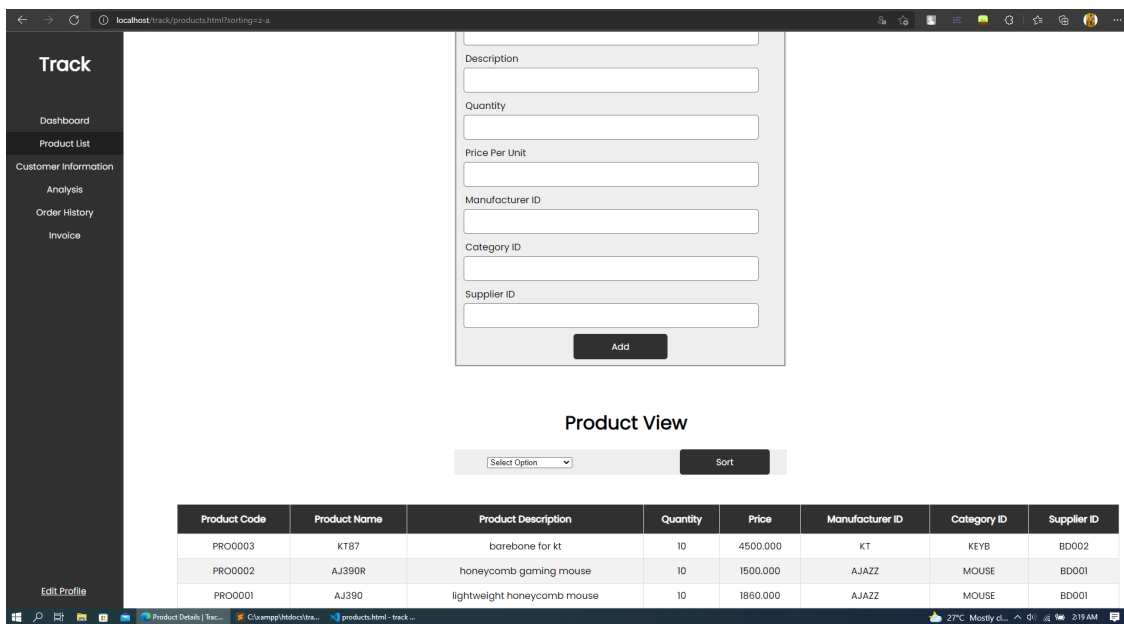
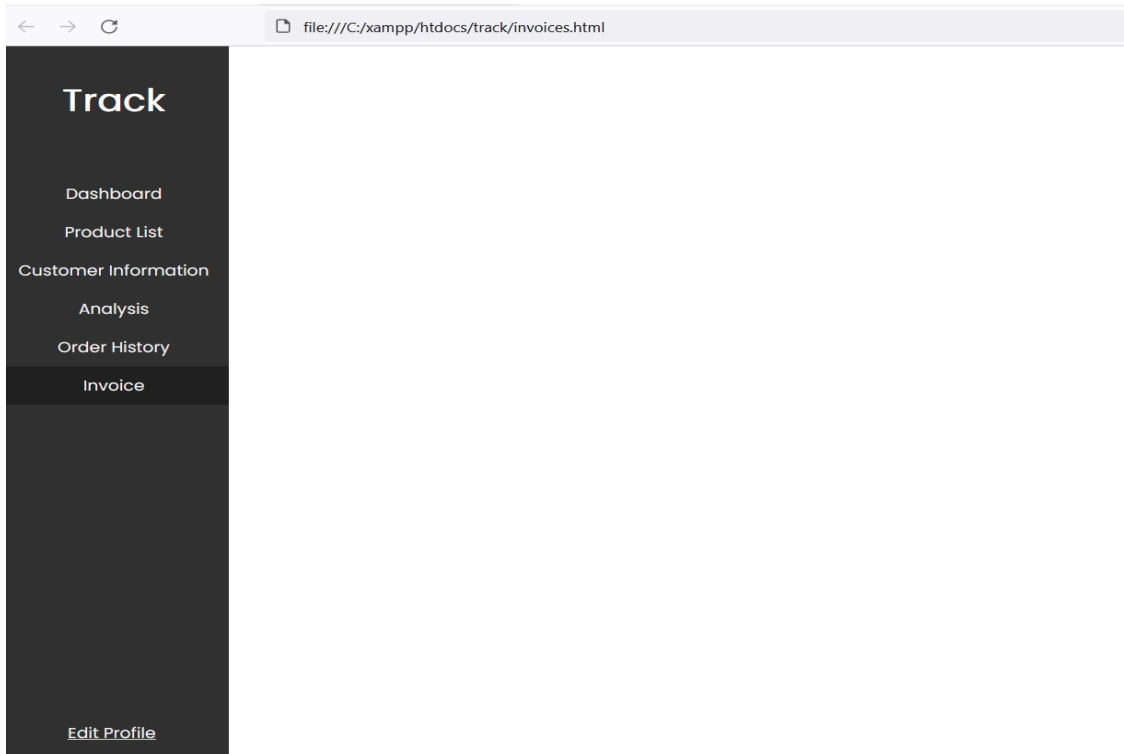
### LOGIN

Email:

Password:

Submit

Don't have an account? [Create an account](#)



[Dashboard](#)[Home](#)

## User Login Form

User ID	<input type="text" value="user id"/>
Email	<input type="text" value="Email"/>
Password	<input type="password" value="Password"/>
Confirm Password	<input type="password" value="Confirm password"/>
Gender	<input type="text" value="Gender"/>
Phone no	<input type="text" value="Phone no"/>
Address	<input type="text" value="Address"/>
Photo	<input type="button" value="Browse..."/> No file selected.

## Conclusion & future scope

Conclude the project's success, findings, significance and impacts in this section.

Inventory management helps companies identify which and how much stock to order at what time. It tracks inventory from purchase to the sale of goods. The practice identifies and responds to trends to ensure there's always enough stock to fulfill customer orders and proper warning of a shortage.

There is a future scope of this facility that many more features such as product analysis can be added, ( In this section, a merchant can analyse his product Sells and his monthly profit/loss from his Monthly Sell. Also in this section he will be able to see which Product needs to be restocked) a feature Of group chat where user sellers can discuss various issues with the developer can be added to this project thus making it more interactive more user friendly and project which fulfills each usersneed in the best way possible.

