Roles and Goals Of the System

The main objective of the system is to manage the details on all information concerning Sales, Payments, and suppliers. The system will collect the details of Customer, Supplier, Purchasing, Payment and Inventory. The system will also manage forecast of product stocks. The System is totally built on an administrative level, thus only the administrator is guaranteed access. The benefit of the system is to track all the details about the customer, purchases, and Supply details. This will reduce the manual work of managing Sales, Payment, Inventory, and Customers.

Activities.

* Editing, Adding and Updating records including payment and customer data, Suppliers information and products.
* Track all details on sales, Purchases, Inventory and Customers.
* I would like to manage details for Inventory, Purchases, and Payments.
* Monitor details of transactions and purchases.
* Search based on factors such as Customers, Payments, Suppliers, and Purchasing.

Report Generation

* The system must generate a time series Report on Inventory, Sales, Payment, and Product stocks.
* Filter reports on Customers, Suppliers, Purchases
* Easily Export PDF for the Payment, Sales, and Purchasing
* Easily export into csv format for Payments, Inventory and Supplier.
* Statistical Visualization for all Records.

Limitation and Validation

* Controlling amount of input
* Avoid Errors in Data
* Each form for Payment, Inventory, Sales cannot accept blank value fields
* All fields such as Supplier, Customer and Payment are validated and does not accept invalid values.

Updated Specifications:

* The System must provide searching facilities based on factors, such as Supplier, Customer, Payment, and Purchasing.
* The system should track information on Inventory, Sales, Purchasing, Customers, and Supplies (product stocks).
* The system must show the information and description of the Payment, Customer, etc.
* The system should manage information of Inventory, Purchases, and Payment.
* The system must deal with Monitoring information and transactions of Payments.
* The System should integrate all records and details of Supplier.
* The system must be able to increase efficiency of managing the payment and Inventory.

The system should allow improved **Editing, adding, and updating,** of Records which results in proper management of Payment, Customer, Supplier and Inventory data.

User Stories

1. As the administrator of my online shop, I want to edit, add, and update records including payments and customer data, Suppliers information and products so that I can have an Inventory.
2. As the administrator of my online shop, I want to track all details on customers so that I can better understand their needs and as a result create a more personalized experience for them.
3. As the administrator of my online shop, I want to track all details on Sales, so that I can view how my opportunities are doing in real time.
4. As the administrator of my online shop, I want to track all details on Purchases so that I can offer different customers the right products and to ensure products are always available.
5. As the administrator of my online shop, I want to track all details on my Inventory so that I can manage and detect anomalies early on, whether they indicate errors, and drop or increase in sales or just unexpected expenses.
6. As the administrator of my online shop, I want to manage details on Purchases, so that I can acquire the right goods for the right prices at the right time.
7. As the administrator of my online shop, I want to manage details on Inventory, so that I can identify which and how much product stock to order at a time.
8. As the administrative of my online shop, I want to manage details on Payments, so that I can execute better decisions in cash disbursement and recover from debts easily
9. As the administrator of my online shop, I want to monitor details of transactions and purchases so that I can detect suspicious activities involving large cash transfers and deposits.
10. As the administrator of my online shop, I want to Search based on factors such as Customers, Payments, Suppliers, and Purchasing so that I can have easy access to them in a ***PDF, CSV or excel*** format when the need arises for audit.
11. As an administrator of my online shop, I want to have statistical analysis on my Transactions, Purchases, Payments, Sales and Supplies, Product Stocks so that I can view them in a visualized format to appreciate and better understand it.

Epics

* As the administrator of my online shop, when I Search based on a factor such as Customers so that I can have details such as name, Gender, contact information, item purchased, etc.
* As the administrator of my online shop, I want to Search based on factors such as Payments to purchasing details such as Bank names, Account numbers, etc., of customers and suppliers