**COMPUTER ASSISTED CREDIT SALES MONITORING WITH STOCKPILE ITEMIZATION MANAGEMENT SYSTEM FOR ELIXIR INDUSTRIAL EQUIPMENT INCORPORATED**

**PROJECT PROPONENTS:**

**PROJECT DESCRIPTION:**

The following are the list of features of our Computer Assisted Credited Sales Monitoring with Stockpile Itemization Management System for Elixir Industrial Equipment Incorporated.

The entire system has four (4) main menus; File menu, Records menu, Transaction menu and the Reports menu.

**File Menu –**under this menu are the following sub menus and their functions.

* **Backup and Restore** – backup feature allows the user to back up the records or database of the system while restore option will allow the user to return or recover the previously stored records.
* **Logout** – this will close or exit the application and return to the login form.
* **Exit** – this will close the application

**Records Menu**

* **Product Profile** – this will allow you to enter the supplies (spare parts) you have which has the Product Code, Product Name, Category, Unit, Unit in Stock, Unit Price and Reorder level which is the minimum amount of stock that the system will prompt the user that they reach the minimum amount, you may also edit, delete, refresh and exit the list of items.
* **Item Unit** – the Item Unit is where you can add a list of options for the user to choose (ei. per bottle or per ink jet) provided that the client has already bought the printer machine.
* **Product Category** – in this system there are only four categories namely: printer, ink, solvent and spare parts but the system is also capable to add, edit and delete categories.
* **Client Profile –**the system also keep tracks the records of its clients. Client basic information includes its company name, address and contact information like telephone number, fax number and email address. The clients in this system refer to the one who buy a certain product or get spare parts of the product to replace to the damage items.

**Transaction**

* **Items Receiving (Stock in)** – this module of the system is for receiving of items from its suppliers. The items being received and recorded in this module will be automatically added to the inventory module. This module will sum up the total cost of items received and as well as the total number of items received.
* **Items Stock out** – the items stock out module is for clients who wants to get or purchase items. It will also sum up the total number of items or products.
* **Items Return by Clients**– this module is to record the defective products by the clients.
* **Items Return to Suppliers**– this module of the system is to keep the records of items being returned to its supplier.

**Reports**

* **Stockpile Report** – the system is capable of itemizing and printing real time updates on its stockpile which includes the product name, unit in stock and the total cost.
* **Items Received Report**– print out reports on the list of products or items received.
* **Items Out or Stock-out Report** – print out reports on the stock-out products.
* **Low Stock Report** – the system is capable of tracking what items are below on its inventory and need to be purchased or acquire.
* **Service Report –** this is an input type of report coming from the technical department for defective parts of used products for further replacement that still includes sales especially for the specific spare parts.

**Information Flow**

**PROCESS**

**OUTPUT**

**INPUT**

**COMPUTER ASSISTED CREDIT SALES MONITORING WITH STOCKPILE ITEMIZATION MANAGEMENT SYSTEM**

* Interview
* Information and Data from Elixir
* Project Planning
* Analysis
* Design
* Procedures for accounting of products
* Strength and weakness of current system
* Appropriate measures for weakness and threats
* Implementation of Security measures

Assistant Sales

Manager

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Computer Assisted Credit Sales with Stockpile Itemization Management System

request reports

send reports update stocks

input data

generates monthly sales

Technical Department

input service report

gives list of defective

products

input data

Product Specialists

update product info

monitor service report

generates sales

**Database Design**

**tbl\_Login**

username

password

**tbl\_Products**

product\_id (pk)

product\_number

product\_name

quantity

unit\_price

category\_name (fk)

product\_status

**tbl\_Clients**

client\_id(pk)

client\_name

address

telephone\_number

fax\_number

email\_address

taxable

**tbl\_Categories**

category\_id(pk)

category\_name

**tbl\_Transaction**

transaction\_id(pk)

product\_id(fk)

po\_number

client\_id

quantity\_purchased

item\_cost\_price

item\_unit\_price

date\_ordered

payment\_terms

**tbl\_Service\_Report**

service\_report\_number(pk)

product\_id

client\_id

recommendation

**tbl\_Reports**

report\_id(pk)

inventory

stock\_out

stock\_in

monthly\_sales