<DAUD ENTERPRISES>

# User Manual

JUNE 14/2019

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# Introduction and Overview

The system we are making is for Daud Group of Companies which manufacture PVC pipes. The data in this system will be stored in database and the software we are using for database is Microsoft SQL Server Management Studio. There are eight tables in management studio to store data which are:

1. Customers
2. Employees
3. Expenditures
4. Orders
5. Raw materials
6. Production inventory
7. Products
8. Sales

## Customers:

In this table the user can enter the customer’s data in the database. Using the database the user can update and delete the customer’s data at any time.

## Employees

This table holds the data about the employees of the company. The user can enter an employee by entering his required information in the text fields by clicking on ADD button. The existing records of an employee can be updated by selecting his information from the table and making suitable changes by clicking on Update button. Similarly if the user wants to delete any employee’s data so he has to select employee’s data from the table and click on delete button.

## Expenditure

The user is provided with all the expenditure details in the given table. And following the same way any addition in the expenditure can be done by entering the data in the text fields by clicking the ADD button. If the expenditure is to be updated select that record and use update button. Similarly if the user wants to delete the record all he has to do is to select that record and click delete button.

## Orders

Order details can be input by taping on the customer from the customer table. And then the user can add more products in the order of the selective customer with a date on which the order is received and to be delivered.

## Raw material

This table holds the data about the raw material of the company. The user can enter a raw material by entering his required information in the text fields by clicking on ADD button. The existing records of a raw material can be updated by selecting the information from the table and making suitable changes by clicking on Update button. Similarly if the user wants to delete any raw material data so he has to select raw material data from the table and click on delete button.

## Production inventory

The user is provided with day to day info regarding the production being done. The details about the production inventory using the raw material comes through the formulation form.

## Products

The user is given the details of products that are being produced. Using the formulation table the quantity of the raw material is figured out that is required to gain that product. And for the specific product the quantity of the material will be updated in the product table.

## Sales

The user is provided the sales details about the products once they have been delivered and their receipt is generated.

# Main screen

When the user will run the software a window will appear which will show the information of remaining raw materials left in the company also with the information of expenditures of the company in graphical representation. Furthermore, there are 11 buttons at the left side of this screen which will perform all the operations.

Other than the above tables that are being mentioned there are two modules as follows:

1. Formulation.
2. Reports

## Formulation

In this module the user can access to sixteen buttons that are basically the names of the products. Each product holds its own formula of production. By clicking on any button this module will ask the user to enter the produced quantity of the specific product. After this quantity is being entered by the user the system will update the raw material quantities and products quantity accordingly and this will automatically be submitted to production inventory with the exact date.

## Reports

In this module the user is provided with sales info and the profit that has been generated over these sales within the specific period.

# Using the System

The following sub-sections provide detailed, step-by-step instructions on how to use the various functions or features of the system

## Products

By clicking the products table, the user can only view the products quantity and price per piece but cannot enter, update or delete from this form.

## Inventory

By clicking the inventory table, the user can only view the daily production of products.

## Customers

By clicking the customer table the user can view the customer information, enter a new customer in the form and update and delete the existing customers using the update and delete buttons after selecting the record.

## Employees

By opening the employee table the user can view the employee information, enter a new employee in the form and update and delete the existing employee using the update and delete buttons after selecting the record.

## Expenditures

By opening the expenditures table the user can view the expenditures information, enter a new expenditures in the form and update and delete the existing expenditures using the update and delete buttons after selecting the record.

## Orders

In this form all the details of customers and their orders are shown accordingly using two tables of data one for customers and other for their orders. Select the customer for customer table and his order will be shown in the order table next to it. User can enter new order of that customer by filling the text fields accordingly and clicking the enter button. Once the status is set to “Delivered” of a specific product, the quantity of that product will be decreased and it will be entered in the sales table.

## Raw material

In this form the user can only enter the quantity of raw materials because the raw materials are fixed and no new material will be entered in it. The user can enter the information by selecting a material from the drop down bar and entering the weight of that material and their price in the text fields and clicking on the enter button. User can update and delete only the quantity of a raw material.

## Formulation

In this feature the user will enter the information about production of a specific material and its quantity. This feature will automatically decrease the quantity/weight of raw material which will be used for the production of those products, increase the products in products database and enter the daily production in production inventory table which will show the daily progress.

## Reports

It will show the report of profit and loss using the expenditures and sales table.

## Sales

In this feature there will no enter, update and delete will be done by the user because it is sensitive information and companies profit relay on this feature and it will only be generated by creating an order with “Delivered” status.