System Module and User Interface

1. Inventory System Dashboard Module

Module Description: This module displays quick peek at the necessary and summary details of the system such as sales, adjustment table, predictive days, low stock items, and expiring items.

1. Inventory System Adjustment Table Module

Module Description: this module displays the records about the adjusted quantity of the products.

1. Inventory System Predictive Days Module

Module Description: This module displays the number of days necessary for the demand planning feature of the project.

Table Fields and Entities: numdays

1. Inventory System Low Stock Items Module

Module Description: This module displays the low stock items in the system.

Table Fields and Entities: productcode, productname, inventorycount

1. Inventory System Expiring Items Module

Module Description: This module displays the items that will be expiring soon.

1. Inventory System Company Setup Module

Module Description: this module allows the user to set the companys name, address, contact no., and TIN No. that will be reflected on the receipts and other company transactions.

Table Fields and Entities: index, companyname, location, tinno

1. Inventory System Products Module

Module Description: This module allows the user to add/edit products available. It also display stored/saved products.

Table Fields and Entities: id, itemcode, itemname, variant, unit value, unitid, categoryid, netprice, productioncost, markuppercent, markupprice, discount, discountprice, salesprice, reorderlevel, stocksqty, expirydate, userid, dateencoded.

1. Inventory System Product set Module

Module Description: Product set module allows the user to store data of combination of two or more products. Data includes the set code, set name, price and the amount.

Table fields and Entities: id, setcode, setname, totalamount, setonhand, userid, dateencoded,

1. Inventory System Units Module

Module Description: user can add/edit unit name, description, and this module also displays who encoded and the date the unit is encoded.

Table Fields and Entities: id, UnitName, description, userid, dateencoded

1. Inventory System Categories Module

Module Description: this module allows the user to add/edit category information such as name, description, and it also automatically display who encoded and when the data is encoded.

Table Fields and Entities: id, categoryname, description, userid, dateencoded.

1. Inventory System Item Raw Material Module

Module Description: user can add/edit details in the raw material of the product. Details include product name, material name, and amount. This module also displays who encoded and the date encoded.

Table Fields and Entities: id, productid, materialname, amount, userid, dateencoded.

1. Inventory System Invoice Module

Module Description: This module allows the user to add invoice. Details include total amount, discount price, tendered, change, and it will automatically reflect who encoded the data and when it was encoded.

Table Fields and Entities: id, userid, totalamount, discountprice, tendered, change, daterecorded.

1. Inventory System Sales Module

Module Description: This module allows the user to add sales by providing the invoice details, item, sale quantity, and total.

Table Fields and Entities: id, orid, itemid, saleqty, total, userid, daterecorded

1. Inventory System Users Module

Module Description: this module allows the administrator to manage the user of the system by assigning types of account for restrictions and other priviledge.

Table Fields and Entities: id, fullname, username, password, usertype, contact, address

1. Inventory System User Log Module

Module Description: This module displays the login and logout of the user of the system.

Table Fields and Entities: id, userid, logintime, logouttime, daterecorded,

1. Inventory System Audit Log Module

Module Description: This module displays the logs/activity of the user.

Table Fields and Entities: id, userid, action, productid, daterecorded