Inventory management

System

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**Forms Designed: -**

1. Welcome Form :- (welcome.java)
2. Login Form :- (login.java)
3. Menu Form :- (mainMenu.java)
4. Adding New Customer Form :- (newCustomer.java)
5. Customer Maintenance Form :- (cust\_main.java),
6. Search Customer Form : - (searchCust.java)
7. Customers Database Form :- (listcust.java)
8. Customer Ledger Form :- (custLedger.java)
9. Adding New Vendor Form :- (newVendor.java)
10. Vendor Maintenance Form :- (vendorMain.java)
11. Search Vendor Form :- (srchVndr.java)
12. Vendors Database Form :- (listvendor.java)
13. Adding New Product Form :- (newProduct.java)
14. Product Maintenance Form :- (prodMain.java)
15. Stock Register Form :- (listprod.java)
16. Retail Invoice Form :- (bill.java)
17. Enter Purchase Details Form :- (purInvoice.java)
18. Administrator’s Settings Form :- (Admin.java)
19. Change Password Form :- (change.java)
20. Create New User Account Form : (Addaccount.java),(newuser.java)
21. Delete Account Form :- (deleteacc.java),(delete.java)
22. Help Form :- (helpAbout.java)

**Platforms Used: -**

**Front End Used: -** Java Development Kit- 1.6

NetBeans IDE- 6.9.1

**Back End Used:-** Microsoft Access 2007

**Inventory Management System**

**How it works ?**

1. First of all Welcome Form will appear. After that Login Screen will appear.
2. To Access the system, enter user name and password that are authenticated by the administrator.
3. After successful login, you can access the system and Main Menu Window will appear where you will get all the menus to handle different functionalities of the system.
4. To add new Customer:- Customer->Add new Customer

Fill all the details of customer, no field can be left empty. Then click Ok to save customer details. Now new customer will be added.

1. To Modify Details of Customer: - Customer Maintenance->Modify Customer Details

First of all enter customer Id. The customer should be existed. Then modify the details of customer. And Click on Save Changes Button to save the changes.

You can also add new customer, search any customer, delete any customer by clicking on the corresponding button on the same form.

1. To delete any Customer account: -Customer Maintenance->Delete Customer Enter the existing customer’s id in the appeared dialog box and then click ok.
2. To search any Customer: - Customer->Search. “Search Customer form will be opened. Click on ‘Enter customer id’ button and then fill the id of customer in the appeared dialog box. Then click ok button and get the details of customer.
3. To view customers database: - Customer->Customer Database

Here you can get the details about all customers.

1. To view customer ledger: - Customer->Ledger.

Here you can know about the customer ledger, the retail invoice details of customer and the balance of customer.

1. To add new vendor: - Vendor->Add New Vendor.

Enter all the details of vendor as same in customer and then click ok button.

1. To modify details of any vendor: - Vendor ->Vendor Maintenance->Modify Vendor Detail. “Enter the vendor id that you want to modify and then modify the details after modifying the details click on ‘Save Changes Button’. Also you can add any new

vendor, delete any vendor and search any vendor on the same form by clicking on the corresponding button.

1. To delete any vendor account: - Vendor->Vendor Maintenance->Delete Vendor.

Enter the vendor id that you want to delete and then click on ok button.

1. To search any vendor: - Vendor->Search Vendor. Then enter the vendor id that you want to search and get all the details of that vendor.
2. To view vendors database: - Vendor->Vendors Database

You can get the details of all vendors.

1. To add a new product: - Product ->Add New Product

Enter all the details of product and then click on Ok button to add new product in database.

1. To modify product details: - Product ->Product Maintenance->Modify Product Details. Enter the product name in the dialog box appeared then modify form will be opened and then modify the attributes of product and then click on ‘Save Changes Button to update details of product. You can also add new product, search any product, delete any product on the same form using the corresponding button.
2. To delete any product: - Product->Product Maintenance->Delete Product

Enter the product name in the appeared dialog box and then click on ok button.

1. To search any product: - Product->Search. Enter the product name to be searched and get the details of that product.
2. To view stock register: - Product->Stock Register. Here you can know about the Stock available of all products along with their details.
3. To enter purchase detail: - Product->Enter Purchase Detail. To add the purchased details of any product and update the stock of that product by entering the quantity

of purchase product.

1. To generate retail invoice: - Invoicing->Generate Retail Invoice

Here you can generate the Retail invoice. Enter the information about customer such as his Id and Name and then select the product that the customer wants to buy and also enter the quantity of the product. Click on Next Button to select any product and then enter its quantity after adding all product s in list. Then click on Ok button and then enter other details like sales tax, discount etc. Then click on payment button to enter amount to be paid by cash. Then click on save button followed by print button to print the invoice.

1. To delete any user account: - Settings->Administrator’s Settings. A form will opened having options for changing password, Adding new user account and deleting any user account. Select the delete user account option and then enter the administrator’s user name and password to authenticate , no other user can access this option . Then enter the user name and password of the user that you want to delete.
2. To change password of any user: - Enter the user name and your old password. Then enter new password and confirm new password then click on Ok Button.
3. To create a new user account: - Settings->Administrator’s Settings. A form will opened having options for changing password, Adding new user account and deleting any user account. Select the ‘Create new user account’ option and then enter the administrator’s user name and password to authenticate, no other user can access this option. Then enter the user name and password of the user that you want to delete.
4. To know about system: - Click on the Help menu button.
5. To exit from system: - Click on exit menu button.

**Databases Used : -** The system communicates with a database Implemented in MS-Access. The database includes five parts:

1. Customer Database
2. Vendor Database
3. Product Database
4. Login Database: - containing information about all authorized users.
5. Sale Database :- Containing details of all the retail invoices generated by the system and thus maintains the customer ledger.