FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering

Jain Global Campus, Kanakapura Taluk 562112

Ramanagara District, Karnataka,India

**2022-2023**

**A Mini-Project Report on**

**“ PHARMACY MANAGEMENT SYSTEM”**

**Submitted in partial fulfillment for the course Database systems Laboratory as part of the degree of**

**BACHELOR OF TECHNOLOGY IN**

### COMPUTER SCIENCE AND ENGINEERING

**Submitted by**

**VARUN SHARMA-21BTRCS095**

**VARUN NAIR-21BTRCS094**

**UDIPTA DAS-21BTRCS088**

**UTKARSH SHARMA-21BTRCS089**

**Under the guidance of**

T.Narmadha

Assistant Professor

Department of Computer Science and Engineering Faculty of Engineering &Technology

**JAIN UNIVERSITY**



**DECLARATION**

We**, VARUN NAIR (21BTRCS094), *VARUN SHARMA(21BTRCS095), UDIPTA DAS(21BTRCS088) AND UTKARSH SHARMA(21BTRCS089)*** are the students of

the fourth semester B. Tech in Computer Science & Engineering at Faculty of Engineering & Technology, Jain University. We hereby declare that the mini-project titled **“PHARMACY MANAGEMENT SYSTEM”** has been carried out by us and submitted in the partial fulfillment for the course **18CIC53L- DATABASE MANAGEMENT SYSTEMS LAB** as part of our degree in **Bachelor of Technology in Computer Science & Engineering** during the academic year **2022-2023.**

Signature of Students

Name1: VARUN SHARMA

USN : 21BTRCS095

Name2:VARUN NAIR

USN : 21BTRCS094

Name3: UDIPTA DAS

USN : 21BTRCS088

Name4:UTKARSH

SHARMA

USN : 21BTRCS089

Place: Bangalore Date:27/04/20223

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SIGNATURE

Name: VARUN NAIR

USN : 21BTRCS094

NAME: VARUN SHARMA

USN: 21BTRCS095

NAME: UDIPTA DAS

USN: 21BTRCS088

NAME: UTKARSH SHARMA

USN: 21BTRCS089

**ABSTRACT**

.

Our Aim is to design and create a **PHARMACY MANAGEMENT SYSTEM**. This enables the pharmacist to quickly look for medicines available and have detailed information on all product details to make it more efficient.

This Pharmacy management System has a very user-friendly interface. Thus, the admin will feel very easy to work on it. By using this system admin can manage customer request, medicinal details and stock. The data can be quickly altered by the pharmacist and make it easier for him to manage multiple customers in a short span of time.

**Java** was used to create the front end for the system and **MYSQL** was used for the back end. The front end and back-end are connected using the **JDBC Server**.

# TABLE OF CONTENTS

|  |  |
| --- | --- |
| **CHAPTER 1** |  |
| 1. INTRODUCTION    1. HISTORY AND EVOLUTION OF DBMS    2. Object-Relational DBMS    3. JDBC    4. APPLICATIONS OF DBMS | 6 |
| **CHAPTER 2** |  |
| 1. PHARMACY MANAGEMENT SYSTEM    1. DESCRIPTIONS ON THE TOPIC    2. PROBLEM DEFINITION    3. OBJECTIVES    4. HARDWARE AND SOFTWARE TOOLS | 7 |
| **CHAPTER 3** |  |
| 1. DESIGN   3.1 RELATION SCHEMA DIAGRAM  3.2 ER DIAGRAM | 11 |
| **CHAPTER 4** |  |
| 1. IMPLEMENTATION    1. BACK END CODE    2. FRONT END CODE | 13 |
| **CHAPTER 5** |  |
| 1. RESULTS AND DISCUSSIONS | 68 |
| **CHAPTER 6** |  |
| 1. CONCLUSION AND FUTUTRE SCOPE | 69 |
| **CHAPTER 7** |  |
| 1. REFERENCES | 70 |

**CHAPTER 1:**

1. **INTRODUCTION**

A database can be created and maintained by users using a database management system (DBMS), which is a computerized system. A general-purpose software system called a database management system(DBMS) makes it easier for different users and applications to define, build, manipulate, and share databases.

The steps involved in defining a database include identifying the data types, structures, and constraints of the information that will be stored within. A database catalogue or dictionary is how the DBMS stores this meta-data.

The process of putting the data on a storage medium under the management of the DBMS is known as building the database.

A database can be manipulated by performing operations like querying it to retrieve specific data, updating it to reflect changes in the miniature world, and producing reports from the database.

## 1.1 History and evolution of DBMS:

### Binary trees, which had a tree-like form and only allowed relations between parent and child entries, served as the foundation for hierarchical database management systems.

### Less redundant data, data independence, security, and integrity are benefits.

### Complex implementation, a lack of standards, and a large number of relationships made management more difficult.A set of relationships in a network database management system (DBMS) represents a one-to-many relationship between two records.

### Complexity, difficulty in design and maintenance, and lack of structural independence are disadvantages.Relational DBMS

RDBMS separated physical storage of data from its conceptual representation and provided a mathematical foundation for data representation and querying.

Advantages: Data abstraction, program-data independence and application flexibility.

Disadvantages: It was quite slow, since it did not use physical storage pointers or record placement to access related data records.

### 1.2 Object-Relational DBMS:

ORDBMS provided more general data structures. They incorporated many object- oriented paradigms such as abstract data type, encapsulation of operations, inheritance and object identity. This is used in specialized applications, such as engineering design, multimedia publishing and manufacturing systems.

## 1.3 JDBC (Java Database Connectivity) :-

JDBC, which stands for Java Database Connectivity, is a common Java API for connecting different databases using database independence.

The JDBC library contains API for each of the following tasks commonly associated with working with databases:

* **Establish a connection to the database.**
* **Create SQL or MySQL statements.**
* **Run SQL or MySQL queries on your database.**
* **View and modify the resulting records.**

At its core, JDBC is a specification that provides a complete set of interfaces that allow portable access to underlying databases. Java can be used to create different types of executable, including:

* **Java application**
* **Java applet**
* **Java servlets**
* **Java Server Pages (JSPs)**
* **Enterprise Java Beans (EJBs).**

## 1.4 Applications of DBMS:

### Telecom:

### This database keeps track of the information regarding calls made, network usage, customer details etc.

### Industry:

### Manufacturing unit, warehouse, or distribution Centre, each one needs a database to keep the records of ins and outs.

### Banking System:

### This database is used for storing customer information, tracking day to day credit and debit transactions, generating bank statements.

### Education sector:

### Database systems are frequently used in schools and colleges to store and retrieve the data regarding student details and fees details etc.

### Online shopping:

### Database systems are used in online shopping websites to store the product information, addresses and preferences, credit details and provides the relevant list of products based on query from the customer.

**CHAPTER 2:**

1. **PHARMACY MANAGEMENT SYSTEM**

The steps involved in defining a database include identifying the data types, structures, and constraints of the information that will be stored within. A database catalogue or dictionary is how the DBMS stores this meta-data.The process of putting the data on a storage medium under the management of the DBMS is known as building the database.

A database can be manipulated by performing operations like querying it to retrieve specific data, updating it to reflect changes in the miniature world, and producing reports from the database.

The project's primary goal is to maintain the pharmaceutical store's database. This project offers information on the planning and execution of a pharmacy management system. This is accomplished by compiling a database of the medications that are sold at the store. The improvement of accuracy as well as the enhancement of safety and efficiency in the pharmacy store are the main goals of pharmacy management systems. The purpose of this project is to create software for the efficient management of a pharmacy. By supplying statistics about the narcotics in store, this software was created to ensure efficient law enforcement.

**2.1 Description on the topic:**  
Any pharmacy that needs to maintain a database can use this programme. Depending on the user's needs, the software can provide reports. The software can produce receipts, bills, invoices, and more. Additionally, it can keep track of the supplies that the supplier has sent. Here, the admin in charge of the organization will be in charge of managing the staff records. A unique username and password will be supplied to each employee.

**2.2 Problem Definition:**  
The project's goal is to provide a useful piece of software that will assist chemists in keeping track of medication records, handling user information, generating invoices, checking and renewing validity, and facilitating user contact via an integrated messaging system. The upkeep of the medications and consumables in the pharmacy unit is handled by the pharmacy management system. It is simple to utilize this pharmaceutical management system.

**2.3 Objectives:**  
-> **Primary objective:**  
•To gain practical experience by modeling a software based on real world problem.  
•To understand how to work on Front-end (Java) and Back-end (MySQL) by using server(wamp).

-> **Secondary objective:**  
•To develop an application that deals with the day to day requirement of any pharmacy.  
•To develop the easy management of the medicines (drugs).  
•To handle the inventory details like sales details, purchase details and stock expiry and quantity.  
•To provide competitive advantage to the pharmacy.  
•To provide details information about the stock on details necessary and help locate it in shop easily.  
•To make the stock manageable and simplify the use of inventory in the pharmacy.

**2.4 Hardware and software tools:**  
The system services and goals are established by consultation with system user. They are then defined in details and serve as a system specification. System requirement are those on which the system runs.

⚙️ **Hardware Requirements:**  
o Computer with either Intel Pentium processor or AMD processor.  
o 1GB+ DDR RAM  
o 40GB hard disk drive

**Software Requirements:**  
o Windows/ Mac-OS/ Linux operating system.  
o JRE and JDK.  
o MySQL server (WAMP or XAMPP or any)

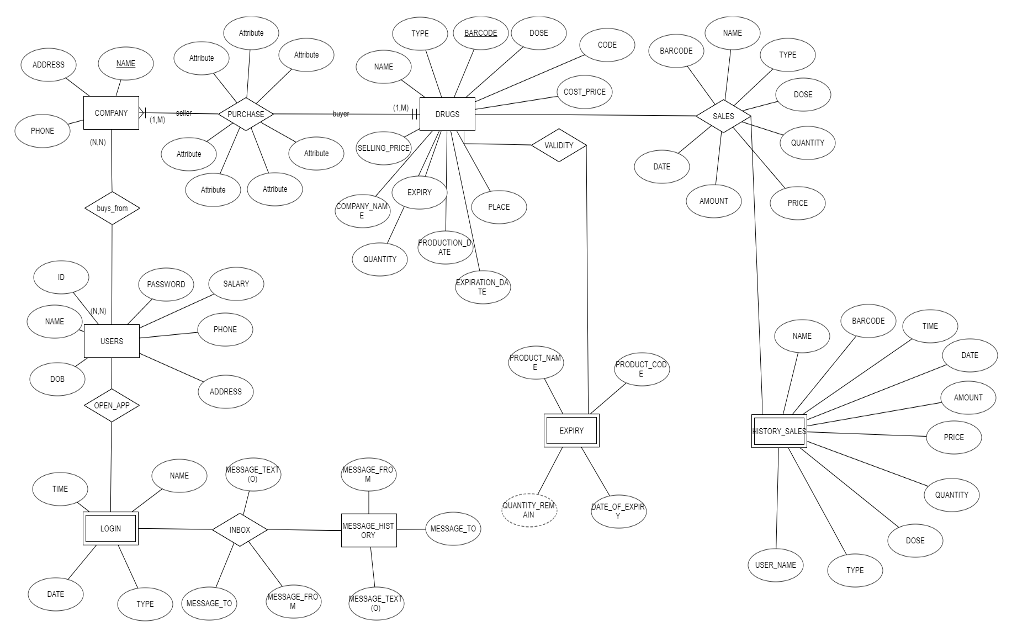
# CHAPTER 3:

# DESIGN

Database Design is a collection of processes that facilitate the designing, development, implementation and maintenance of enterprise data management systems.  
It helps produce database systems:  
o That meet the requirements of the users  
o Have high performance.

**Architecture Description**  
The design of a DBMS depends on its architecture. It can be centralized or decentralized or hierarchical. The architecture of a DBMS can be seen as either single tier or multi-tier.

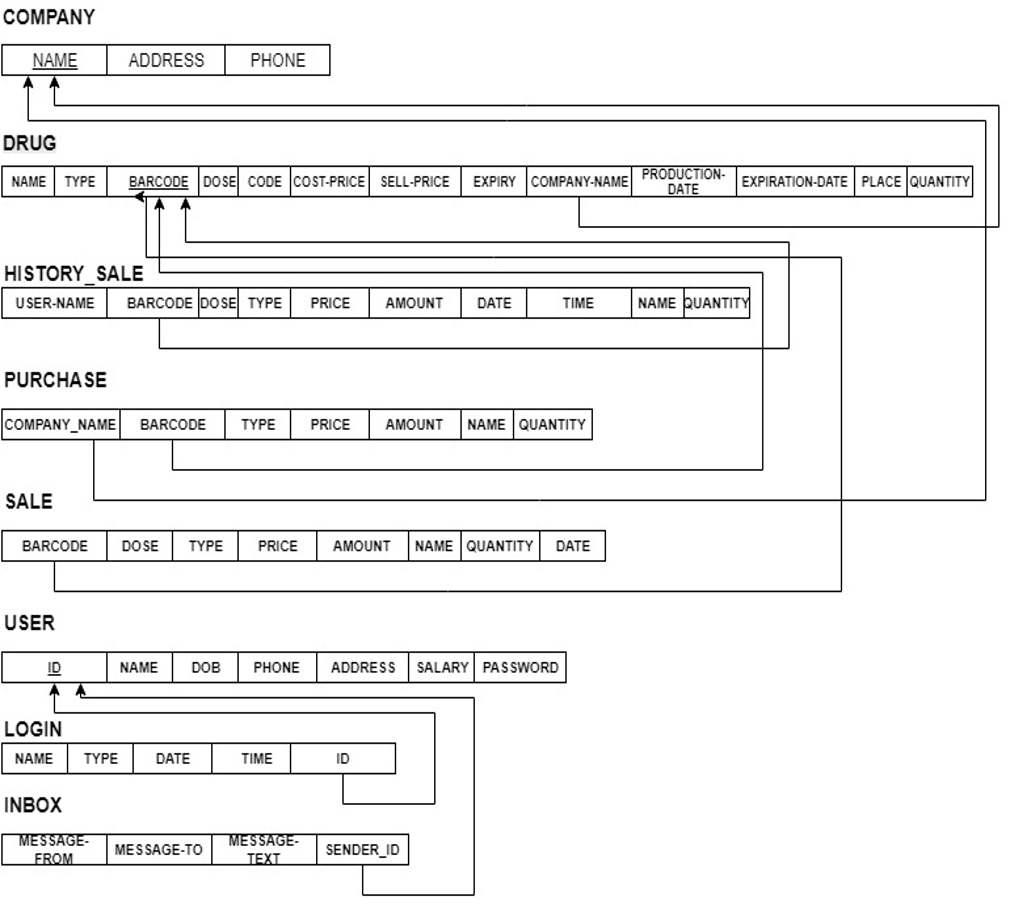
**3.1 ER Diagram:**

[](https://github.com/syedibrahim/Pharmacy-Management-System/blob/master/diagram/ER_diagram.png)

**Fig 1: Entity Relationship Diagram**

An entity–relationship model describes interrelated things of interest in a specific domain of knowledge. It is composed of entity types and specifies relationships that can exist between instances of those entity types.

**3.2 Relational Schema Diagram**

[](https://github.com/syedibrahim/Pharmacy-Management-System/blob/master/diagram/RelationalSchema.png)

**Fig 2: Relational Schema**  
  
Relational schema is a collection of meta-data. Database schema describes the structure and constraints of data representing in a particular domain. It shows the various tables which are a part of the database and the relation between them.

# CHAPTER 4:

# IMPLEMENTATION

The goal of this application is to manage the medicines and various function of the pharmacy.  
  
**List of modules used:**  
o Login page  
o Home page  
o Company  
o Purchase  
o Drugs  
o Sales  
o Settings  
o Messaging

# *4.1 CODE FOR PHARMACY MANAGEMENT SYSTEM DATABASE:*

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- Database: `pharmacy`

--

-- --------------------------------------------------------

--

-- Table structure for table `company`

--

**CREATE TABLE `company` (**

**`NAME` varchar(50) NOT NULL,**

**`ADDRESS` varchar(50) NOT NULL,**

**`PHONE` varchar(20) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

--

-- Dumping data for table `company`

--

**INSERT INTO `company` (`NAME`, `ADDRESS`, `PHONE`) VALUES**

**('Cipla', 'Mumbai', '12903'),**

**('Sun Pharma', 'Mysore', '01289078443'),**

**('Med\_City', 'Nellore', '010114367832');**

Table structure for table `drugs`

**CREATE TABLE `drugs` (**

**`NAME` varchar(50) NOT NULL,**

**`TYPE` varchar(20) NOT NULL,**

**`BARCODE` varchar(20) NOT NULL,**

**`DOSE` varchar(10) NOT NULL,**

**`CODE` varchar(10) NOT NULL,**

**`COST\_PRICE` double NOT NULL,**

**`SELLING\_PRICE` double NOT NULL,**

**`EXPIRY` varchar(20) NOT NULL,**

**`COMPANY\_NAME` varchar(50) NOT NULL,**

**`PRODUCTION\_DATE` date NOT NULL,**

**`EXPIRATION\_DATE` date NOT NULL,**

**`PLACE` varchar(20) NOT NULL,**

**`QUANTITY` int(11) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

--

-- Dumping data for table `drugs`

--

**INSERT INTO `drugs` (`NAME`, `TYPE`, `BARCODE`, `DOSE`, `CODE`, `COST\_PRICE`, `SELLING\_PRICE`, `EXPIRY`, `COMPANY\_NAME`, `PRODUCTION\_DATE`, `EXPIRATION\_DATE`, `PLACE`, `QUANTITY`) VALUES**

**('Novalo', 'Bills', 'fsdgjfihjorodsf', 'normal', '3d00', 2, 3, 'Available for use', 'Med\_City', '2017-03-03', '2019-03-03', 'N-Right', 40),**

**('novafol', 'Bills', 'ftrkl432432md', 'normal', '2xaa', 33, 40, 'Available for use', 'Med\_City', '2016-01-01', '2017-01-01', 'N-Left', 27);**

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--

-- Table structure for table `expiry`

--

**CREATE TABLE `expiry` (**

**`PRODUCT\_NAME` varchar(50) NOT NULL,**

**`PRODUCT\_CODE` varchar(20) NOT NULL,**

**`DATE\_OF\_EXPIRY` varchar(10) NOT NULL,**

**`QUANTITY\_REMAIN` int(11) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

-- --------------------------------------------------------

--

-- Table structure for table `history\_sales`

--

**CREATE TABLE `history\_sales` (**

**`USER\_NAME` varchar(20) NOT NULL,**

**`BARCODE` varchar(20) NOT NULL,**

**`NAME` varchar(50) NOT NULL,**

**`TYPE` varchar(10) NOT NULL,**

**`DOSE` varchar(10) NOT NULL,**

**`QUANTITY` int(11) NOT NULL,**

**`PRICE` double NOT NULL,**

**`AMOUNT` double NOT NULL,**

**`DATE` varchar(15) NOT NULL,**

**`TIME` varchar(20) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

--

-- Dumping data for table `history\_sales`

--

**INSERT INTO `history\_sales` (`USER\_NAME`, `BARCODE`, `NAME`, `TYPE`, `DOSE`, `QUANTITY`, `PRICE`, `AMOUNT`, `DATE`, `TIME`) VALUES**

**('admin', 'sgnfsjkfnsdjfkb', 'Breofin', 'Bills', ' Free used', 2, 6, 12, '12-02-2017', '05:02:06'),**

**('admin', 'sgnfsjkfnsdjfkb', 'Breofin', 'Bills', ' Free used', 2, 6, 12, '12-02-2017', '05:02:26'),**

**('admin', 'sgnfsjkfnsdjfkb', 'Breofin', 'Bills', ' Free used', 4, 6, 24, '12-02-2017', '05:02:40'),**

**('admin', 'nbhdl4978549', 'Morfin', 'Injection', '1 (Day)', 2, 14, 28, '13-02-2017', '01:38:00'),**

**('admin', 'nbhdl4978549', 'Morfin', 'Injection', '1 (Day)', 2, 14, 28, '13-02-2017', '01:38:10'),**

**('admin', 'nbhdl4978549', 'Morfin', 'Injection', '1 (Day)', 7, 14, 98, '13-02-2017', '01:38:28'),**

**('admin', 'nbhdl4978549', 'Morfin', 'Injection', '1 (Day)', 1, 14, 14, '13-02-2017', '01:38:46'),**

**('mark', 'sgnfsjkfnsdjfkb', 'Breofin', 'Bills', ' Free used', 2, 6, 12, '13-02-2017', '01:59:34'),**

**('mark', 'sgnfsjkfnsdjfkb', 'Breofin', 'Bills', ' Free used', 5, 6, 30, '13-02-2017', '01:59:43'),**

**('admin', 'sgnfsjkfnsdjfkb', 'Breofin', 'Bills', ' Free used', 1, 6, 6, '13-02-2017', '02:12:33'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 2, 14, 28, '17-02-2017', '09:55:43'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 2, 14, 28, '17-02-2017', '09:55:58'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 5, 14, 70, '17-02-2017', '09:56:11'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 2, 17, 34, '17-02-2017', '10:04:58'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 2, 17, 34, '17-02-2017', '10:05:15'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 5, 17, 85, '17-02-2017', '10:05:26'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 4, 20, 80, '18-02-2017', '11:16:08'),**

**('admin', 'fsdjkbdfjkffds', 'Declofien', 'Injection', 'Free', 4, 20, 80, '18-02-2017', '11:16:28'),**

**('admin', 'AnyBarcodedaf', 'AnyName', 'Drink', '2 Days', 4, 14, 56, '18-02-2017', '11:17:06'),**

**('admin', 'AnyBarcodedaf', 'AnyName', 'Drink', '2 Days', 4, 14, 56, '18-02-2017', '11:17:15'),**

**('admin', 'AnyBarcodedaf', 'AnyName', 'Drink', '2 Days', 7, 14, 98, '18-02-2017', '11:17:24'),**

**('mark', 'AnyBarcodedaf', 'AnyName', 'Drink', '2 Days', 6, 14, 84, '18-02-2017', '11:18:29'),**

**('mark', 'AnyBarcodedaf', 'AnyName', 'Drink', '2 Days', 2, 14, 28, '18-02-2017', '11:18:41'),**

**('mark', 'AnyBarcodedaf', 'AnyName', 'Drink', '2 Days', 2, 14, 28, '18-02-2017', '11:18:45'),**

**('admin', 'ftrkl432432md', 'novafol', 'Bills', 'normal', 2, 40, 80, '14-04-2017', '04:50:32'),**

**('admin', 'ftrkl432432md', 'novafol', 'Bills', 'normal', 2, 40, 80, '14-04-2017', '04:50:53'),**

**('admin', 'ftrkl432432md', 'novafol', 'Bills', 'normal', 6, 40, 240, '14-04-2017', '04:51:01'),**

**('admin', 'ftrkl432432md', 'novafol', 'Bills', 'normal', 1, 40, 40, '03-05-2017', '03:33:30'),**

**('admin', 'ftrkl432432md', 'novafol', 'Bills', 'normal', 1, 40, 40, '03-05-2017', '03:33:36'),**

**('admin', 'ftrkl432432md', 'novafol', 'Bills', 'normal', 1, 40, 40, '03-05-2017', '03:33:41');**

-- --------------------------------------------------------

--

-- Table structure for table `inbox`

--

**CREATE TABLE `inbox` (**

**`MESSAGE\_FROM` varchar(20) NOT NULL,**

**`MESSAGE\_TO` varchar(20) NOT NULL,**

**`MESSAGE\_TEXT` varchar(200) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

**--**

**-- Dumping data for table `inbox`**

**--**

**INSERT INTO `inbox` (`MESSAGE\_FROM`, `MESSAGE\_TO`, `MESSAGE\_TEXT`) VALUES**

**('admin', 'mark', 'Welcome mark'),**

**('mark', 'admin', 'Welcome sir'),**

**('admin', 'mark', 'Hay , mark '),**

**('mark', 'admin', 'Hay '),**

**('mark', 'admin', 'Welcome'),**

**('admin', 'mark', 'Hello , mark'),**

**('admin', 'mark', 'mark , Please go and update\nthe drug roof '),**

**('admin', 'Tony', 'Welcome'),**

**('admin', 'mark', 'This is your salary on the disk , \n3000 , close in 12 ; good luck'),**

**('admin', 'mark', 'good job meet me in five'),**

**('mark', 'admin', 'Ok i will '),**

**('admin', 'mark', 'gdfgfdgfdgfdg'),**

**('admin', 'mark', 'haaaaaaaaaaaaaaaai'),**

**('admin', 'mark', 'What is wrong ? '),**

**('mark', 'admin', 'I am okay thanks ');**

-- --------------------------------------------------------

--

-- Table structure for table `login`

--

**CREATE TABLE `login` (**

**`NAME` varchar(50) NOT NULL,**

**`TYPE` varchar(20) NOT NULL,**

**`DATE` varchar(20) NOT NULL,**

**`TIME` varchar(20) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

--

-- Dumping data for table `login`

--

**INSERT INTO `login` (`NAME`, `TYPE`, `DATE`, `TIME`) VALUES**

**('admin', 'Admin', '17-02-2017', '10:30:24'),**

**('admin', 'Admin', '17-02-2017', '10:32:48'),**

**('mark', 'Employee', '17-02-2017', '10:32:56'),**

**('admin', 'Admin', '17-02-2017', '10:33:10'),**

**('mark', 'Employee', '17-02-2017', '10:33:37'),**

**('admin', 'Admin', '17-02-2017', '10:36:21'),**

**('admin', 'Admin', '17-02-2017', '10:36:53'),**

**('admin', 'Admin', '17-02-2017', '10:49:27'),**

**('admin', 'Admin', '17-02-2017', '11:02:23'),**

**('admin', 'Admin', '17-02-2017', '01:40:08'),**

**('admin', 'Admin', '18-02-2017', '10:50:29'),**

**('admin', 'Admin', '18-02-2017', '10:51:50'),**

**('admin', 'Admin', '18-02-2017', '10:53:33'),**

**('admin', 'Admin', '18-02-2017', '10:58:41'),**

**('admin', 'Admin', '18-02-2017', '11:15:39'),**

**('mark', 'Employee', '18-02-2017', '11:18:19'),**

**('admin', 'Admin', '18-02-2017', '11:23:25'),**

**('mark', 'Employee', '18-02-2017', '11:24:19'),**

**('admin', 'Admin', '04-04-2017', '06:32:57'),**

**('mark', 'Employee', '04-04-2017', '06:39:00'),**

**('admin', 'Admin', '13-04-2017', '02:57:26'),**

**('admin', 'Admin', '13-04-2017', '03:06:11'),**

**('admin', 'Admin', '13-04-2017', '03:08:31'),**

**('admin', 'Admin', '13-04-2017', '03:09:40'),**

**('admin', 'Admin', '13-04-2017', '03:13:24'),**

**('admin', 'Admin', '13-04-2017', '05:04:26'),**

**('admin', 'Admin', '13-04-2017', '05:07:20'),**

**('admin', 'Admin', '13-04-2017', '05:10:11'),**

**('admin', 'Admin', '13-04-2017', '05:21:53'),**

**('admin', 'Admin', '14-04-2017', '05:11:57'),**

**('admin', 'Admin', '14-04-2017', '05:13:44'),**

**('admin', 'Admin', '14-04-2017', '05:17:42'),**

**('admin', 'Admin', '14-04-2017', '05:19:38'),**

**('admin', 'Admin', '14-04-2017', '05:22:00'),**

**('admin', 'Admin', '14-04-2017', '05:28:37'),**

**('admin', 'Admin', '14-04-2017', '05:30:48'),**

**('admin', 'Admin', '14-04-2017', '05:35:00'),**

**('admin', 'Admin', '14-04-2017', '05:39:54'),**

**('admin', 'Admin', '14-04-2017', '05:41:53'),**

**('admin', 'Admin', '14-04-2017', '05:44:29'),**

**('admin', 'Admin', '14-04-2017', '05:47:08'),**

**('admin', 'Admin', '14-04-2017', '05:48:24'),**

**('admin', 'Admin', '14-04-2017', '05:49:36'),**

**('admin', 'Admin', '14-04-2017', '05:51:28'),**

**('admin', 'Admin', '14-04-2017', '05:53:15'),**

**('admin', 'Admin', '14-04-2017', '06:22:53'),**

**('admin', 'Admin', '14-04-2017', '06:30:59'),**

**('admin', 'Admin', '14-04-2017', '02:32:24'),**

**('admin', 'Admin', '14-04-2017', '02:40:18'),**

**('admin', 'Admin', '14-04-2017', '02:43:43'),**

**('admin', 'Admin', '14-04-2017', '02:46:41'),**

**('admin', 'Admin', '14-04-2017', '02:48:26'),**

**('admin', 'Admin', '14-04-2017', '02:49:19'),**

**('mark', 'Employee', '14-04-2017', '02:52:01'),**

**('admin', 'Admin', '14-04-2017', '02:58:36'),**

**('admin', 'Admin', '14-04-2017', '03:14:22'),**

**('admin', 'Admin', '14-04-2017', '03:17:23'),**

**('admin', 'Admin', '14-04-2017', '03:19:28'),**

**('admin', 'Admin', '14-04-2017', '03:27:34'),**

**('admin', 'Admin', '14-04-2017', '04:49:24'),**

**('mark', 'Employee', '14-04-2017', '04:55:06'),**

**('mark', 'Employee', '14-04-2017', '05:01:50'),**

**('mark', 'Employee', '14-04-2017', '05:03:59'),**

**('mark', 'Employee', '14-04-2017', '05:14:50'),**

**('mark', 'Employee', '14-04-2017', '05:17:01'),**

**('mark', 'Employee', '14-04-2017', '05:17:50'),**

**('mark', 'Employee', '14-04-2017', '05:21:19'),**

**('mark', 'Employee', '14-04-2017', '05:23:30'),**

**('mark', 'Employee', '14-04-2017', '05:26:03'),**

**('mark', 'Employee', '14-04-2017', '05:28:53'),**

**('mark', 'Employee', '14-04-2017', '05:32:36'),**

**('mark', 'Employee', '14-04-2017', '05:35:04'),**

**('mark', 'Employee', '14-04-2017', '05:37:17'),**

**('admin', 'Admin', '14-04-2017', '07:19:33'),**

**('mark', 'Employee', '15-04-2017', '02:03:12'),**

**('admin', 'Admin', '15-04-2017', '02:47:28'),**

**('admin', 'Admin', '15-04-2017', '02:56:16'),**

**('admin', 'Admin', '15-04-2017', '03:06:20'),**

**('admin', 'Admin', '15-04-2017', '03:36:58'),**

**('admin', 'Admin', '15-04-2017', '03:42:44'),**

**('admin', 'Admin', '03-05-2017', '01:23:14'),**

**('admin', 'Admin', '03-05-2017', '01:51:20'),**

**('admin', 'Admin', '03-05-2017', '01:52:35'),**

**('admin', 'Admin', '03-05-2017', '03:31:40'),**

**('admin', 'Admin', '03-05-2017', '03:47:32'),**

**('admin', 'Admin', '05-05-2017', '01:24:00'),**

**('admin', 'Admin', '05-05-2017', '03:06:19'),**

**('admin', 'Admin', '05-05-2017', '07:54:02'),**

**('mark', 'Employee', '05-05-2017', '07:55:52'),**

**('admin', 'Admin', '05-05-2017', '08:01:50'),**

**('admin', 'Admin', '05-05-2017', '08:02:44'),**

**('admin', 'Admin', '05-05-2017', '08:05:37'),**

**('admin', 'Admin', '05-05-2017', '08:07:37'),**

**('mark', 'Employee', '05-05-2017', '08:09:23'),**

**('admin', 'Admin', '05-05-2017', '08:14:18'),**

**('mark', 'Employee', '05-05-2017', '08:15:44'),**

**('admin', 'Admin', '05-05-2017', '08:16:15'),**

**('admin', 'Admin', '06-05-2017', '09:51:33'),**

**('mark', 'Employee', '06-05-2017', '09:52:46'),**

**('mark', 'Employee', '06-05-2017', '09:54:33'),**

**('admin', 'Admin', '07-05-2017', '04:44:39'),**

**('admin', 'Admin', '07-05-2017', '10:02:15'),**

**('admin', 'Admin', '07-05-2017', '10:12:11'),**

**('admin', 'Admin', '27-05-2017', '03:53:36'),**

**('admin', 'Admin', '27-05-2017', '03:54:05'),**

**('admin', 'Admin', '27-05-2017', '04:05:04'),**

**('mark', 'Employee', '27-05-2017', '04:06:02'),**

**('admin', 'Admin', '30-05-2017', '03:13:41'),**

**('admin', 'Admin', '31-05-2017', '10:57:35'),**

**('admin', 'Admin', '31-05-2017', '11:00:02'),**

**('admin', 'Admin', '31-05-2017', '11:06:32'),**

**('admin', 'Admin', '07-06-2017', '08:38:00'),**

**('admin', 'Admin', '07-06-2017', '08:40:43'),**

**('admin', 'Admin', '07-06-2017', '08:41:28'),**

**('mark', 'Employee', '19-09-2017', '06:10:07'),**

**('admin', 'Admin', '07-10-2017', '04:39:50'),**

**('admin', 'Admin', '07-10-2017', '04:40:39'),**

**('admin', 'Admin', '21-11-2017', '09:06:10'),**

**('admin', 'Admin', '21-11-2017', '09:15:39'),**

**('mark', 'Employee', '14-12-2017', '02:56:45'),**

**('admin', 'Admin', '24-03-2018', '07:20:36'),**

**('admin', 'Admin', '24-03-2018', '08:47:14'),**

**('admin', 'Admin', '24-03-2018', '08:51:01'),**

**('mark', 'Employee', '24-03-2018', '08:52:17'),**

**('admin', 'Admin', '24-03-2018', '08:52:50');**

-- --------------------------------------------------------

--

-- Table structure for table `message\_history`

--

**CREATE TABLE `message\_history` (**

**`MESSAGE\_FROM` varchar(20) NOT NULL,**

**`MESSAGE\_TO` varchar(20) NOT NULL,**

**`MESSAGE\_TEXT` varchar(200) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

-- --------------------------------------------------------

--

-- Table structure for table `purchase`

--

**CREATE TABLE `purchase` (**

**`BARCODE` varchar(20) NOT NULL,**

**`NAME` varchar(50) NOT NULL,**

**`TYPE` varchar(20) NOT NULL,**

**`COMPANY\_NAME` varchar(20) NOT NULL,**

**`QUANTITY` int(11) NOT NULL,**

**`PRICE` double NOT NULL,**

**`AMOUNT` double NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

--

-- Dumping data for table `purchase`

--

**INSERT INTO `purchase` (`BARCODE`, `NAME`, `TYPE`, `COMPANY\_NAME`, `QUANTITY`, `PRICE`, `AMOUNT`) VALUES**

**('fsdgjfihjorodsf', 'Novalo', 'Bills', 'Med\_City', 40, 2, 80);**

-- --------------------------------------------------------

--

-- Table structure for table `sales`

--

**CREATE TABLE `sales` (**

**`BARCODE` varchar(20) NOT NULL,**

**`NAME` varchar(50) NOT NULL,**

**`TYPE` varchar(10) NOT NULL,**

**`DOSE` varchar(10) NOT NULL,**

**`QUANTITY` int(11) NOT NULL,**

**`PRICE` double NOT NULL,**

**`AMOUNT` double NOT NULL,**

**`DATE` varchar(15) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

-- --------------------------------------------------------

--

-- Table structure for table `users`

--

**CREATE TABLE `users` (**

**`ID` int(11) NOT NULL,**

**`NAME` varchar(50) NOT NULL,**

**`DOB` varchar(20) NOT NULL,**

**`ADDRESS` varchar(100) NOT NULL,**

**`PHONE` varchar(20) NOT NULL,**

**`SALARY` double NOT NULL,**

**`PASSWORD` varchar(20) NOT NULL**

**) ENGINE=InnoDB DEFAULT CHARSET=latin1;**

--

-- Dumping data for table `users`

--

**INSERT INTO `users` (`ID`, `NAME`, `DOB`, `ADDRESS`, `PHONE`, `SALARY`, `PASSWORD`) VALUES**

**(1, 'admin', '23-12-1995', 'Someplace India', '9800000000', 50000, 'admin'),**

**(2, 'mark', '3-2-1972', 'Bangalore India', '01290789432', 2000, 'mark'),**

**(3, 'clark', '3-2-1971', 'Nowhere Earth-616', '01147893423', 4000, 'rootaccess'),**

**(4, 'Tont Stark', '7-8-1977', ' 10880 Malibu Point, Malibu, California', '011804368743', 3000, 'rootaccess');**

ALTER TABLE `company`

ADD PRIMARY KEY (`NAME`);

--

-- Indexes for table `drugs`

--

ALTER TABLE `drugs`

ADD PRIMARY KEY (`BARCODE`);

--

-- Indexes for table `purchase`

--

ALTER TABLE `purchase`

ADD PRIMARY KEY (`BARCODE`);

--

-- Indexes for table `users`

--

ALTER TABLE `users`

ADD PRIMARY KEY (`ID`);

--

-- Indexes for table `purchase`

--

**ALTER TABLE purchase**

**add constraint fkr3**

**foreign key(company\_name)**

**references company(name)**

**on update cascade on delete cascade;**

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

# WhatsApp Image 2023-05-04 at 10.58.59 AM

***4.2 CODE FOR THE FRONT END USING JAVA:***

*LOGIN*

*package main;*

*import java.awt.Color;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import javax.swing.SwingUtilities;*

*import javax.swing.GroupLayout.Alignment;*

*import javax.swing.GroupLayout;*

*import javax.swing.LayoutStyle.ComponentPlacement;*

*import java.awt.Font;*

*import java.awt.Toolkit;*

*import javax.swing.ImageIcon;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Login extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res= null;*

*String NAME;*

*public Login() {*

*setIconImage(Toolkit.getDefaultToolkit().getImage(Login.class.getResource("/img/Untitled.png")));*

*initComponents();*

*con=Connect.connect();*

*new changestyle().chabgelock();*

*SwingUtilities.updateComponentTreeUI(this);*

*login\_Hold();*

*}*

*/\*\**

*\* This method is called from within the constructor to initialize the form.*

*\* WARNING: Do NOT modify this code. The content of this method is always*

*\* regenerated by the Form Editor.*

*\*/*

*@SuppressWarnings("unchecked")*

*// <editor-fold defaultstate="collapsed" desc="Generated Code">*

*private void initComponents() {*

*jPanel1 = new javax.swing.JPanel();*

*jPanel2 = new javax.swing.JPanel();*

*jLabel1 = new javax.swing.JLabel();*

*jLabel2 = new javax.swing.JLabel();*

*jSeparator1 = new javax.swing.JSeparator();*

*jPanel4 = new javax.swing.JPanel();*

*jButton1 = new javax.swing.JButton();*

*jButton2 = new javax.swing.JButton();*

*jPanel5 = new javax.swing.JPanel();*

*jLabel5 = new javax.swing.JLabel();*

*id = new javax.swing.JTextField();*

*pass = new javax.swing.JPasswordField();*

*jLabel3 = new javax.swing.JLabel();*

*jLabel4 = new javax.swing.JLabel();*

*setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);*

*setTitle("Login");*

*setResizable(false);*

*jPanel1.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel2.setBackground(new java.awt.Color(102, 102, 102));*

*jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N*

*jLabel1.setText("Login Form");*

*javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);*

*jPanel2.setLayout(jPanel2Layout);*

*jPanel2Layout.setHorizontalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(247, 247, 247)*

*.addComponent(jLabel1)*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))*

*);*

*jPanel2Layout.setVerticalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(19, 19, 19)*

*.addComponent(jLabel1)*

*.addContainerGap(20, Short.MAX\_VALUE))*

*);*

*jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/main/login.png"))); // NOI18N*

*jPanel4.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel4.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new java.awt.Color(255, 255, 255)));*

*jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jButton1.setText("Login");*

*jButton1.addActionListener(new java.awt.event.ActionListener() {*

*public void actionPerformed(java.awt.event.ActionEvent evt) {*

*jButton1ActionPerformed(evt);*

*}*

*});*

*jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jButton2.setText("Exit");*

*jButton2.addActionListener(new java.awt.event.ActionListener() {*

*public void actionPerformed(java.awt.event.ActionEvent evt) {*

*jButton2ActionPerformed(evt);*

*}*

*});*

*javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);*

*jPanel4.setLayout(jPanel4Layout);*

*jPanel4Layout.setHorizontalGroup(*

*jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel4Layout.createSequentialGroup()*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 78, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)*

*.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 73, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addContainerGap())*

*);*

*jPanel4Layout.setVerticalGroup(*

*jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel4Layout.createSequentialGroup()*

*.addContainerGap()*

*.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)*

*.addComponent(jButton1)*

*.addComponent(jButton2))*

*.addContainerGap(23, Short.MAX\_VALUE))*

*);*

*jPanel5.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel5.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new java.awt.Color(255, 255, 255)));*

*jLabel5.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N*

*jLabel5.setForeground(new java.awt.Color(255, 0, 0));*

*jLabel5.setText("Note : Password should be at least 6 Characters ");*

*javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);*

*jPanel5.setLayout(jPanel5Layout);*

*jPanel5Layout.setHorizontalGroup(*

*jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel5Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jLabel5)*

*.addContainerGap(42, Short.MAX\_VALUE))*

*);*

*jPanel5Layout.setVerticalGroup(*

*jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel5Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jLabel5)*

*.addContainerGap())*

*);*

*id.addMouseListener(new java.awt.event.MouseAdapter() {*

*public void mouseClicked(java.awt.event.MouseEvent evt) {*

*idMouseClicked(evt);*

*}*

*});*

*id.addActionListener(new java.awt.event.ActionListener() {*

*public void actionPerformed(java.awt.event.ActionEvent evt) {*

*idActionPerformed(evt);*

*}*

*});*

*id.addKeyListener(new java.awt.event.KeyAdapter() {*

*public void keyReleased(java.awt.event.KeyEvent evt) {*

*idKeyReleased(evt);*

*}*

*});*

*pass.addMouseListener(new java.awt.event.MouseAdapter() {*

*public void mouseClicked(java.awt.event.MouseEvent evt) {*

*passMouseClicked(evt);*

*}*

*});*

*pass.addKeyListener(new java.awt.event.KeyAdapter() {*

*public void keyReleased(java.awt.event.KeyEvent evt) {*

*passKeyReleased(evt);*

*}*

*});*

*jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jLabel3.setForeground(new java.awt.Color(255, 255, 255));*

*jLabel3.setText("User\_ID : ");*

*jLabel4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jLabel4.setForeground(new java.awt.Color(255, 255, 255));*

*jLabel4.setText("User\_Password : ");*

*javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);*

*jPanel1.setLayout(jPanel1Layout);*

*jPanel1Layout.setHorizontalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 290, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addGap(18, 18, 18)*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jSeparator1)*

*.addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addComponent(jPanel5, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addGap(40, 40, 40)*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jLabel4)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)*

*.addComponent(pass, javax.swing.GroupLayout.DEFAULT\_SIZE, 218, Short.MAX\_VALUE))*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jLabel3)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)*

*.addComponent(id)))))*

*.addContainerGap())*

*);*

*jPanel1Layout.setVerticalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addGap(42, 42, 42)*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)*

*.addComponent(jLabel3)*

*.addComponent(id, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))*

*.addGap(18, 18, 18)*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)*

*.addComponent(jLabel4)*

*.addComponent(pass, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))*

*.addGap(34, 34, 34)*

*.addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)*

*.addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGap(8, 8, 8)*

*.addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addContainerGap())*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)*

*.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, 298, Short.MAX\_VALUE))))*

*);*

*javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());*

*getContentPane().setLayout(layout);*

*layout.setHorizontalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*layout.setVerticalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*setSize(new java.awt.Dimension(693, 380));*

*setLocationRelativeTo(null);*

*}// </editor-fold>*

*private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {*

*System.exit(0);*

*// this.dispose();*

*// setDefaultCloseOperation(EXIT\_ON\_CLOSE);*

*}*

*private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {*

*if(id.getText().equals("")||pass.getText().equals("")){*

*JOptionPane.showMessageDialog(null,"Complete Your Login Information","Missing Information",2);*

*}else {*

*String sql = "select ID,NAME,PASSWORD from users where ID='"+id.getText()+"'";*

*try{*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*if(res.next()){*

*NAME=res.getString("NAME");*

*if(res.getString("PASSWORD").equals(pass.getText())){*

*Pharmacy pharmacy = new Pharmacy();*

*if(id.getText().equals("1")){*

*this.dispose();*

*pharmacy.setVisible(true);*

*}else {*

*this.dispose();*

*pharmacy.setVisible(true);*

*}*

*}else{*

*JOptionPane.showMessageDialog(null,"Wrong Password","Failed Access",2);*

*}*

*}else{*

*JOptionPane.showMessageDialog(null,"Wrong ID","Failed Access",2);*

*}*

*}catch(Exception e){*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*}*

*private void passKeyReleased(java.awt.event.KeyEvent evt) {*

*if(pass.getForeground().equals(Color.GRAY)){*

*char passs = pass.getText().charAt(0);*

*pass.setText("");//*

*pass.setText(String.valueOf(passs));*

*pass.setForeground(Color.BLACK);*

*pass.setEchoChar('\*');*

*}*

*}*

*private void passMouseClicked(java.awt.event.MouseEvent evt) {*

*if(pass.getForeground().equals(Color.GRAY)){*

*pass.setText("");*

*pass.setForeground(Color.BLACK);*

*pass.setEchoChar('\*');*

*}*

*}*

*private void idKeyReleased(java.awt.event.KeyEvent evt) {*

*if(id.getForeground().equals(Color.GRAY)){*

*char idd = id.getText().charAt(0);*

*id.setText("");*

*id.setText(String.valueOf(idd));*

*id.setForeground(Color.BLACK);*

*}*

*}*

*private void idMouseClicked(java.awt.event.MouseEvent evt) {*

*if(id.getForeground().equals(Color.GRAY)){*

*id.setText("");*

*id.setForeground(Color.BLACK);*

*}*

*}*

*private void idActionPerformed(java.awt.event.ActionEvent evt) {*

*// TODO add your handling code here:*

*}*

*/\*\**

*\* @param args the command line arguments*

*\*/*

*public static void main(String args[]) {*

*/\* Set the Nimbus look and feel \*/*

*//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">*

*/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.*

*\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html*

*\*/*

*try {*

*for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {*

*if ("Nimbus".equals(info.getName())) {*

*javax.swing.UIManager.setLookAndFeel(info.getClassName());*

*break;*

*}*

*}*

*} catch (ClassNotFoundException ex) {*

*java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (InstantiationException ex) {*

*java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (IllegalAccessException ex) {*

*java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (javax.swing.UnsupportedLookAndFeelException ex) {*

*java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*}*

*//</editor-fold>*

*//</editor-fold>*

*/\* Create and display the form \*/*

*java.awt.EventQueue.invokeLater(new Runnable() {*

*public void run() {*

*new Login().setVisible(true);*

*}*

*});*

*}*

*// Variables declaration - do not modify*

*public static javax.swing.JTextField id;*

*private javax.swing.JButton jButton1;*

*private javax.swing.JButton jButton2;*

*private javax.swing.JLabel jLabel1;*

*private javax.swing.JLabel jLabel2;*

*private javax.swing.JLabel jLabel3;*

*private javax.swing.JLabel jLabel4;*

*private javax.swing.JLabel jLabel5;*

*private javax.swing.JPanel jPanel1;*

*private javax.swing.JPanel jPanel2;*

*private javax.swing.JPanel jPanel4;*

*private javax.swing.JPanel jPanel5;*

*private javax.swing.JSeparator jSeparator1;*

*public javax.swing.JPasswordField pass;*

*// End of variables declaration*

*private void login\_Hold(){*

*pass.setEchoChar((char)0);*

*pass.setText("Enter Your Password : ");*

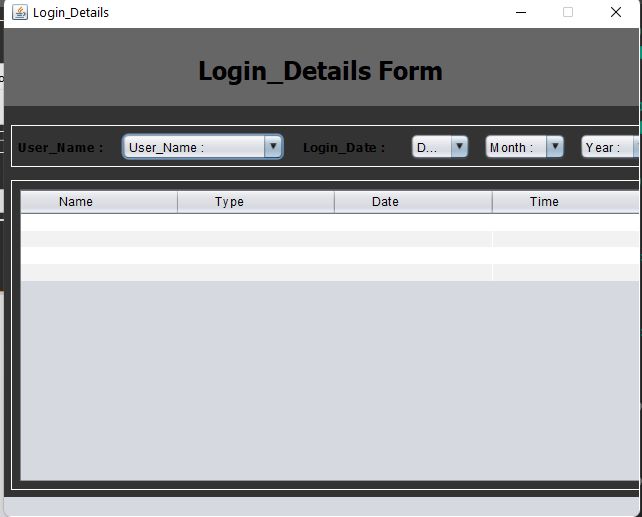
*pass.setForeground(Color.GRAY);*

*id.setText("Enter Your ID : ");*

*id.setForeground(Color.GRAY);*

*}*

*}*

**

*LOGIN CODE:*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*public class Login\_Details extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre = null;*

*ResultSet res= null;*

*public Login\_Details() {*

*initComponents();*

*con=Connect.connect();*

*fill\_Username();*

*}*

*/\*\**

*\* This method is called from within the constructor to initialize the form.*

*\* WARNING: Do NOT modify this code. The content of this method is always*

*\* regenerated by the Form Editor.*

*\*/*

*@SuppressWarnings("unchecked")*

*// <editor-fold defaultstate="collapsed" desc="Generated Code">*

*private void initComponents() {*

*jPanel1 = new javax.swing.JPanel();*

*jPanel2 = new javax.swing.JPanel();*

*jLabel1 = new javax.swing.JLabel();*

*jPanel3 = new javax.swing.JPanel();*

*jScrollPane1 = new javax.swing.JScrollPane();*

*jTable1 = new javax.swing.JTable();*

*jPanel4 = new javax.swing.JPanel();*

*year = new javax.swing.JComboBox<>();*

*jLabel2 = new javax.swing.JLabel();*

*month = new javax.swing.JComboBox<>();*

*day = new javax.swing.JComboBox<>();*

*jLabel3 = new javax.swing.JLabel();*

*username = new javax.swing.JComboBox<>();*

*setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);*

*setTitle("Login\_Details");*

*setResizable(false);*

*jPanel1.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel2.setBackground(new java.awt.Color(102, 102, 102));*

*jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N*

*jLabel1.setText("Login\_Details Form");*

*javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);*

*jPanel2.setLayout(jPanel2Layout);*

*jPanel2Layout.setHorizontalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(184, 184, 184)*

*.addComponent(jLabel1)*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))*

*);*

*jPanel2Layout.setVerticalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(26, 26, 26)*

*.addComponent(jLabel1)*

*.addContainerGap(20, Short.MAX\_VALUE))*

*);*

*jPanel3.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel3.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new java.awt.Color(255, 255, 255)));*

*jTable1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jTable1.setModel(new javax.swing.table.DefaultTableModel(*

*new Object [][] {*

*{null, null, null, null},*

*{null, null, null, null},*

*{null, null, null, null},*

*{null, null, null, null}*

*},*

*new String [] {*

*" Name", " Type", " Date", " Time"*

*}*

*) {*

*boolean[] canEdit = new boolean [] {*

*false, false, false, false*

*};*

*public boolean isCellEditable(int rowIndex, int columnIndex) {*

*return canEdit [columnIndex];*

*}*

*});*

*jScrollPane1.setViewportView(jTable1);*

*if (jTable1.getColumnModel().getColumnCount() > 0) {*

*jTable1.getColumnModel().getColumn(0).setResizable(false);*

*jTable1.getColumnModel().getColumn(1).setResizable(false);*

*jTable1.getColumnModel().getColumn(3).setResizable(false);*

*}*

*javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);*

*jPanel3.setLayout(jPanel3Layout);*

*jPanel3Layout.setHorizontalGroup(*

*jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel3Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jScrollPane1)*

*.addContainerGap())*

*);*

*jPanel3Layout.setVerticalGroup(*

*jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel3Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 281, Short.MAX\_VALUE)*

*.addContainerGap())*

*);*

*jPanel4.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel4.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new java.awt.Color(255, 255, 255)));*

*year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Year : ", "2016", "2017", "2018", "2019", "2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031", "2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040" }));*

*year.addItemListener(new java.awt.event.ItemListener() {*

*public void itemStateChanged(java.awt.event.ItemEvent evt) {*

*yearItemStateChanged(evt);*

*}*

*});*

*jLabel2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jLabel2.setText("User\_Name : ");*

*month.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Month : ", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12" }));*

*month.addItemListener(new java.awt.event.ItemListener() {*

*public void itemStateChanged(java.awt.event.ItemEvent evt) {*

*monthItemStateChanged(evt);*

*}*

*});*

*day.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Day : ", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31" }));*

*day.addItemListener(new java.awt.event.ItemListener() {*

*public void itemStateChanged(java.awt.event.ItemEvent evt) {*

*dayItemStateChanged(evt);*

*}*

*});*

*jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N*

*jLabel3.setText("Login\_Date : ");*

*username.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "User\_Name : " }));*

*username.addItemListener(new java.awt.event.ItemListener() {*

*public void itemStateChanged(java.awt.event.ItemEvent evt) {*

*usernameItemStateChanged(evt);*

*}*

*});*

*javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);*

*jPanel4.setLayout(jPanel4Layout);*

*jPanel4Layout.setHorizontalGroup(*

*jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel4Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jLabel2)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)*

*.addComponent(username, javax.swing.GroupLayout.PREFERRED\_SIZE, 155, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGap(18, 18, 18)*

*.addComponent(jLabel3)*

*.addGap(18, 18, 18)*

*.addComponent(day, javax.swing.GroupLayout.PREFERRED\_SIZE, 58, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)*

*.addComponent(month, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)*

*.addComponent(year, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addContainerGap())*

*);*

*jPanel4Layout.setVerticalGroup(*

*jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel4Layout.createSequentialGroup()*

*.addContainerGap()*

*.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)*

*.addComponent(jLabel2)*

*.addComponent(jLabel3)*

*.addComponent(day, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addComponent(month, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addComponent(year, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addComponent(username, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))*

*.addContainerGap())*

*);*

*javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);*

*jPanel1.setLayout(jPanel1Layout);*

*jPanel1Layout.setHorizontalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addContainerGap()*

*.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGap(0, 0, Short.MAX\_VALUE)))*

*.addContainerGap())*

*);*

*jPanel1Layout.setVerticalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGap(18, 18, 18)*

*.addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)*

*.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addContainerGap())*

*);*

*javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());*

*getContentPane().setLayout(layout);*

*layout.setHorizontalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*layout.setVerticalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*);*

*setSize(new java.awt.Dimension(620, 503));*

*setLocationRelativeTo(null);*

*}// </editor-fold>*

*private void usernameItemStateChanged(java.awt.event.ItemEvent evt) {*

*String sql;*

*if(day.getSelectedIndex()==0&&month.getSelectedIndex()==0&&year.getSelectedIndex()==0){*

*sql = "select NAME,TYPE,DATE,TIME from login where NAME='"+username.getSelectedItem()+"' ";*

*}else {*

*sql = "select NAME,TYPE,DATE,TIME from login where NAME='"+username.getSelectedItem()+"' and DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*} try {*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*jTable1.setModel(DbUtils.resultSetToTableModel(res));*

*} catch (Exception e) {*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*private void dayItemStateChanged(java.awt.event.ItemEvent evt) {*

*String sql ;*

*if(month.getSelectedIndex()!=0&&year.getSelectedIndex()!=0&&username.getSelectedIndex()==0){*

*sql = "select NAME,TYPE,DATE,TIME from login where DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*}else {*

*sql = "select NAME,TYPE,DATE,TIME from login where NAME='"+username.getSelectedItem()+"' and DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*}*

*try {*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*jTable1.setModel(DbUtils.resultSetToTableModel(res));*

*}catch(Exception e){*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*private void monthItemStateChanged(java.awt.event.ItemEvent evt) {*

*String sql;*

*if(day.getSelectedIndex()!=0&&month.getSelectedIndex()!=0&&year.getSelectedIndex()!=0&&username.getSelectedIndex()==0){*

*sql = "select NAME,TYPE,DATE,TIME from login where DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*}else {*

*sql = "select NAME,TYPE,DATE,TIME from login where NAME='"+username.getSelectedItem()+"' and DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*}*

*try {*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*jTable1.setModel(DbUtils.resultSetToTableModel(res));*

*}catch(Exception e){*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*private void yearItemStateChanged(java.awt.event.ItemEvent evt) {*

*String sql;*

*if(month.getSelectedIndex()!=0&&day.getSelectedIndex()!=0&&username.getSelectedIndex()==0){*

*sql = "select NAME,TYPE,DATE,TIME from login where DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*}else {*

*sql = "select NAME,TYPE,DATE,TIME from login where NAME='"+username.getSelectedItem()+"' and DATE='"+day.getSelectedItem()+"-"+month.getSelectedItem()+"-"+year.getSelectedItem()+"' ";*

*}*

*try {*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*jTable1.setModel(DbUtils.resultSetToTableModel(res));*

*}catch(Exception e){*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*/\*\**

*\* @param args the command line arguments*

*\*/*

*public static void main(String args[]) {*

*/\* Set the Nimbus look and feel \*/*

*//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">*

*/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.*

*\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html*

*\*/*

*try {*

*for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {*

*if ("Nimbus".equals(info.getName())) {*

*javax.swing.UIManager.setLookAndFeel(info.getClassName());*

*break;*

*}*

*}*

*} catch (ClassNotFoundException ex) {*

*java.util.logging.Logger.getLogger(Login\_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (InstantiationException ex) {*

*java.util.logging.Logger.getLogger(Login\_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (IllegalAccessException ex) {*

*java.util.logging.Logger.getLogger(Login\_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (javax.swing.UnsupportedLookAndFeelException ex) {*

*java.util.logging.Logger.getLogger(Login\_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*}*

*//</editor-fold>*

*/\* Create and display the form \*/*

*java.awt.EventQueue.invokeLater(new Runnable() {*

*public void run() {*

*new Login\_Details().setVisible(true);*

*}*

*});*

*}*

*// Variables declaration - do not modify*

*public javax.swing.JComboBox<String> day;*

*private javax.swing.JLabel jLabel1;*

*private javax.swing.JLabel jLabel2;*

*private javax.swing.JLabel jLabel3;*

*private javax.swing.JPanel jPanel1;*

*private javax.swing.JPanel jPanel2;*

*private javax.swing.JPanel jPanel3;*

*private javax.swing.JPanel jPanel4;*

*private javax.swing.JScrollPane jScrollPane1;*

*private javax.swing.JTable jTable1;*

*public javax.swing.JComboBox<String> month;*

*private javax.swing.JComboBox<String> username;*

*public javax.swing.JComboBox<String> year;*

*// End of variables declaration*

*private void fill\_Username(){*

*String sql = "select NAME from users";*

*try {*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*while(res.next()){*

*username.addItem(res.getString("NAME"));*

*}*

*} catch (Exception e) {*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*}*

*CODE FOR ALL DEAL:*

*/\**

*\* To change this license header, choose License Headers in Project Properties.*

*\* To change this template file, choose Tools | Templates*

*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class All\_Deal extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre = null;*

*ResultSet res= null;*

*public All\_Deal() {*

*initComponents();*

*con=Connect.connect();*

*show\_List();*

*}*

*/\*\**

*\* This method is called from within the constructor to initialize the form.*

*\* WARNING: Do NOT modify this code. The content of this method is always*

*\* regenerated by the Form Editor.*

*\*/*

*@SuppressWarnings("unchecked")*

*// <editor-fold defaultstate="collapsed" desc="Generated Code">*

*private void initComponents() {*

*jPanel1 = new javax.swing.JPanel();*

*jPanel2 = new javax.swing.JPanel();*

*jLabel1 = new javax.swing.JLabel();*

*jPanel3 = new javax.swing.JPanel();*

*jScrollPane1 = new javax.swing.JScrollPane();*

*jTable1 = new javax.swing.JTable();*

*setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);*

*setTitle("Deals\_List");*

*setResizable(false);*

*jPanel1.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel2.setBackground(new java.awt.Color(102, 102, 102));*

*jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N*

*jLabel1.setText("Deals\_List Form");*

*javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);*

*jPanel2.setLayout(jPanel2Layout);*

*jPanel2Layout.setHorizontalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addComponent(jLabel1)*

*.addGap(217, 217, 217))*

*);*

*jPanel2Layout.setVerticalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(26, 26, 26)*

*.addComponent(jLabel1)*

*.addContainerGap(20, Short.MAX\_VALUE))*

*);*

*jPanel3.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel3.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new java.awt.Color(255, 255, 255)));*

*jTable1.setModel(new javax.swing.table.DefaultTableModel(*

*new Object [][] {*

*{null, null, null, null, null, null},*

*{null, null, null, null, null, null},*

*{null, null, null, null, null, null},*

*{null, null, null, null, null, null}*

*},*

*new String [] {*

*" Barcode", " Name", " Company", " Quantity", " Cost\_price", " Amount"*

*}*

*) {*

*boolean[] canEdit = new boolean [] {*

*false, false, false, false, false, false*

*};*

*public boolean isCellEditable(int rowIndex, int columnIndex) {*

*return canEdit [columnIndex];*

*}*

*});*

*jScrollPane1.setViewportView(jTable1);*

*javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);*

*jPanel3.setLayout(jPanel3Layout);*

*jPanel3Layout.setHorizontalGroup(*

*jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel3Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 596, Short.MAX\_VALUE)*

*.addContainerGap())*

*);*

*jPanel3Layout.setVerticalGroup(*

*jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel3Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 273, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))*

*);*

*javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);*

*jPanel1.setLayout(jPanel1Layout);*

*jPanel1Layout.setHorizontalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addContainerGap())*

*);*

*jPanel1Layout.setVerticalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)*

*.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))*

*);*

*javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());*

*getContentPane().setLayout(layout);*

*layout.setHorizontalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*layout.setVerticalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*setSize(new java.awt.Dimension(654, 428));*

*setLocationRelativeTo(null);*

*}// </editor-fold>*

*/\*\**

*\* @param args the command line arguments*

*\*/*

*public static void main(String args[]) {*

*/\* Set the Nimbus look and feel \*/*

*//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">*

*/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.*

*\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html*

*\*/*

*try {*

*for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {*

*if ("Nimbus".equals(info.getName())) {*

*javax.swing.UIManager.setLookAndFeel(info.getClassName());*

*break;*

*}*

*}*

*} catch (ClassNotFoundException ex) {*

*java.util.logging.Logger.getLogger(All\_Deal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (InstantiationException ex) {*

*java.util.logging.Logger.getLogger(All\_Deal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (IllegalAccessException ex) {*

*java.util.logging.Logger.getLogger(All\_Deal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (javax.swing.UnsupportedLookAndFeelException ex) {*

*java.util.logging.Logger.getLogger(All\_Deal.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*}*

*//</editor-fold>*

*/\* Create and display the form \*/*

*java.awt.EventQueue.invokeLater(new Runnable() {*

*public void run() {*

*new All\_Deal().setVisible(true);*

*}*

*});*

*}*

*// Variables declaration - do not modify*

*private javax.swing.JLabel jLabel1;*

*private javax.swing.JPanel jPanel1;*

*private javax.swing.JPanel jPanel2;*

*private javax.swing.JPanel jPanel3;*

*private javax.swing.JScrollPane jScrollPane1;*

*private javax.swing.JTable jTable1;*

*// End of variables declaration*

*private void show\_List(){*

*String sql = "select BARCODE , NAME , COMPANY\_NAME ,QUANTITY ,PRICE,AMOUNT from purchase ";*

*try{*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*jTable1.setModel(DbUtils.resultSetToTableModel(res));*

*}catch(Exception e){*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

*}*

*}*

*MOSTLY OUT OF STOCK:*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Almost\_Finish extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*public Almost\_Finish() {*

*initComponents();*

*con=Connect.connect();*

*show\_List();*

*}*

*@SuppressWarnings("unchecked")*

*// <editor-fold defaultstate="collapsed" desc="Generated Code">*

*private void initComponents() {*

*jPanel1 = new javax.swing.JPanel();*

*jPanel2 = new javax.swing.JPanel();*

*jLabel1 = new javax.swing.JLabel();*

*jPanel3 = new javax.swing.JPanel();*

*jScrollPane1 = new javax.swing.JScrollPane();*

*jTable1 = new javax.swing.JTable();*

*setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);*

*setTitle("Almost\_Finshed Drugs");*

*setResizable(false);*

*jPanel1.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel2.setBackground(new java.awt.Color(102, 102, 102));*

*jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N*

*jLabel1.setText("Almost\_Finshed Drugs");*

*javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);*

*jPanel2.setLayout(jPanel2Layout);*

*jPanel2Layout.setHorizontalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(203, 203, 203)*

*.addComponent(jLabel1)*

*.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))*

*);*

*jPanel2Layout.setVerticalGroup(*

*jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel2Layout.createSequentialGroup()*

*.addGap(21, 21, 21)*

*.addComponent(jLabel1)*

*.addContainerGap(25, Short.MAX\_VALUE))*

*);*

*jPanel3.setBackground(new java.awt.Color(51, 51, 51));*

*jPanel3.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new java.awt.Color(255, 255, 255)));*

*jTable1.setModel(new javax.swing.table.DefaultTableModel(*

*new Object [][] {*

*{null, null, null, null, null, null},*

*{null, null, null, null, null, null},*

*{null, null, null, null, null, null},*

*{null, null, null, null, null, null}*

*},*

*new String [] {*

*" Barcode", " Name", " Type", "* Company", " Price", "Remaining\_Quantity"

*}*

*) {*

*boolean[] canEdit = new boolean [] {*

*false, false, false, false, false, false*

*};*

*public boolean isCellEditable(int rowIndex, int columnIndex) {*

*return canEdit [columnIndex];*

*}*

*});*

*jScrollPane1.setViewportView(jTable1);*

*javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);*

*jPanel3.setLayout(jPanel3Layout);*

*jPanel3Layout.setHorizontalGroup(*

*jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel3Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 637, Short.MAX\_VALUE)*

*.addContainerGap())*

*);*

*jPanel3Layout.setVerticalGroup(*

*jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel3Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 284, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addContainerGap())*

*);*

*javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);*

*jPanel1.setLayout(jPanel1Layout);*

*jPanel1Layout.setHorizontalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()*

*.addContainerGap()*

*.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*.addContainerGap())*

*);*

*jPanel1Layout.setVerticalGroup(*

*jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addGroup(jPanel1Layout.createSequentialGroup()*

*.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)*

*.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)*

*.addGap(0, 9, Short.MAX\_VALUE))*

*);*

*javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());*

*getContentPane().setLayout(layout);*

*layout.setHorizontalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*layout.setVerticalGroup(*

*layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)*

*.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)*

*);*

*setSize(new java.awt.Dimension(695, 442));*

*setLocationRelativeTo(null);*

*}// </editor-fold>*

*/\*\**

*\* @param args the command line arguments*

*\*/*

*public static void main(String args[]) {*

*/\* Set the Nimbus look and feel \*/*

*//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">*

*/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.*

*\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html*

*\*/*

*try {*

*for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {*

*if ("Nimbus".equals(info.getName())) {*

*javax.swing.UIManager.setLookAndFeel(info.getClassName());*

*break;*

*}*

*}*

*} catch (ClassNotFoundException ex) {*

*java.util.logging.Logger.getLogger(Almost\_Finish.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (InstantiationException ex) {*

*java.util.logging.Logger.getLogger(Almost\_Finish.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (IllegalAccessException ex) {*

*java.util.logging.Logger.getLogger(Almost\_Finish.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*} catch (javax.swing.UnsupportedLookAndFeelException ex) {*

*java.util.logging.Logger.getLogger(Almost\_Finish.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);*

*}*

*//</editor-fold>*

*/\* Create and display the form \*/*

*java.awt.EventQueue.invokeLater(new Runnable() {*

*public void run() {*

*new Almost\_Finish().setVisible(true);*

*}*

*});*

*}*

*// Variables declaration - do not modify*

*private javax.swing.JLabel jLabel1;*

*private javax.swing.JPanel jPanel1;*

*private javax.swing.JPanel jPanel2;*

*private javax.swing.JPanel jPanel3;*

*private javax.swing.JScrollPane jScrollPane1;*

*private javax.swing.JTable jTable1;*

*// End of variables declaration*

*private void show\_List(){ // get drug the almost finist ( last 10 item from one drug)*

*String sql = "select BARCODE,NAME,TYPE,COMPANY\_NAME,SELLING\_PRICE,QUANTITY from drugs where QUANTITY < 10 ";*

*try{*

*pre=con.prepareStatement(sql);*

*res=pre.executeQuery();*

*jTable1.setModel(DbUtils.resultSetToTableModel(res)); // set data in table*

*}catch(Exception e){*

*JOptionPane.showMessageDialog(null,e.getMessage(),"Error",2);*

*}*

***}***

***}***

**CODE FOR PURCHASE:**

PURCHASE

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

import java.awt.event.KeyEvent;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Hemaa

\*/

public class Buy\_Drug extends javax.swing.JFrame {

Connection con = null;

PreparedStatement pre = null;

ResultSet res= null;

public Buy\_Drug() {

initComponents();

con=Connect.connect();

company();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jPanel2 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jPanel3 = new javax.swing.JPanel();

jLabel3 = new javax.swing.JLabel();

amount = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

type = new javax.swing.JComboBox<>();

jLabel5 = new javax.swing.JLabel();

company\_name = new javax.swing.JComboBox<>();

jLabel6 = new javax.swing.JLabel();

barcode = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

quantity = new javax.swing.JComboBox<>();

name = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

cost\_price = new javax.swing.JTextField();

jSeparator1 = new javax.swing.JSeparator();

jPanel4 = new javax.swing.JPanel();

makedeal = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

update = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

update1 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setTitle("Buy\_Drug");

setResizable(false);

jPanel1.setBackground(new java.awt.Color(51, 51, 51));

jPanel2.setBackground(new java.awt.Color(102, 102, 102));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel1.setText("Buy\_Drug Form");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(262, 262, 262)

.addComponent(jLabel1)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(20, 20, 20)

.addComponent(jLabel1)

.addContainerGap(23, Short.MAX\_VALUE))

);

jPanel3.setBackground(new java.awt.Color(51, 51, 51));

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Buy Drugs", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Tahoma", 1, 12), new java.awt.Color(255, 255, 255))); // NOI18N

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel3.setText("Drug\_Name : ");

**CODE FOR PASSWORD CHANGE:**

package main;

import java.awt.Color;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Hemaa

\*/

public class Change\_Password extends javax.swing.JFrame {

Connection con = null;

PreparedStatement pre = null;

ResultSet res= null;

public Change\_Password() {

initComponents();

con=Connect.connect();

id.setText(Login.id.getText());

confirmed.setVisible(false);

we\_st.setVisible(false);

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jPanel2 = new javax.swing.JPanel();

jLabel5 = new javax.swing.JLabel();

jPanel3 = new javax.swing.JPanel();

confirm = new javax.swing.JPasswordField();

new\_pass = new javax.swing.JPasswordField();

jLabel3 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

old\_pass = new javax.swing.JPasswordField();

id = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

confirmed = new javax.swing.JLabel();

we\_st = new javax.swing.JLabel();

jPanel4 = new javax.swing.JPanel();

jButton2 = new javax.swing.JButton();

jButton1 = new javax.swing.JButton();

jSeparator1 = new javax.swing.JSeparator();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setTitle("Change\_Password");

setResizable(false);

jPanel1.setBackground(new java.awt.Color(51, 51, 51));

jPanel2.setBackground(new java.awt.Color(102, 102, 102));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel5.setText("Change\_Password\_Form");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addContainerGap(88, Short.MAX\_VALUE)

.addComponent(jLabel5)

.addGap(84, 84, 84))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(25, 25, 25)

.addComponent(jLabel5)

.addContainerGap(23, Short.MAX\_VALUE))

);

jPanel3.setBackground(new java.awt.Color(51, 51, 51));

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Change Your Password", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Tahoma", 1, 12), new java.awt.Color(255, 255, 255))); // NOI18N

confirm.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyReleased(java.awt.event.KeyEvent evt) {

confirmKeyReleased(evt);

}

});

new\_pass.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyReleased(java.awt.event.KeyEvent evt) …

**CONNECTION CODE:**

package main;

import java.sql.Connection;

import java.sql.DriverManager;

import javax.swing.JOptionPane;

public class Connect {

public static Connection connect(){

try{

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/pharmacy","root","varun");

if(con!=null)return con ;

}catch(Exception e){

JOptionPane.showMessageDialog(null, e.getMessage(),"Error",2);

}

return null ;

}

public static void main(String args[]){

Connect connect=new Connect();

}

}

*[10:06 am, 04/05/2023] Choko💦: DRUGS FORM*

*/\**

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*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*public class Drug extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre = null;*

*ResultSet res= null;*

*public Drug() {*

*initComponents();*

*con=Connect.connect();*

*company();*

*}*

***CODE FOR DRUG LIST***

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Drug\_List extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre = null;*

*ResultSet res= null;*

*String sql1;*

*String sql2;*

*String sql3;*

*public Drug\_List() {*

*initComponents();*

*con=Connect.connect();*

*drug\_list();*

*}*

*/\*\**

*\* This method is called from within the constructor to initialize the form.*

*\* WARNING: Do NOT modify this code. The content of this method is always*

*\* regenerated by the Form Editor.*

*\*/*

*@SuppressWarnings("unchecked")*

*// <editor-fold defaultstate…*

*[10:09 am, 04/05/2023] Choko💦: PRICE UPDATION OF DRUGS*

*/\**

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*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Edit\_Price extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre = null;*

*ResultSet res= null;*

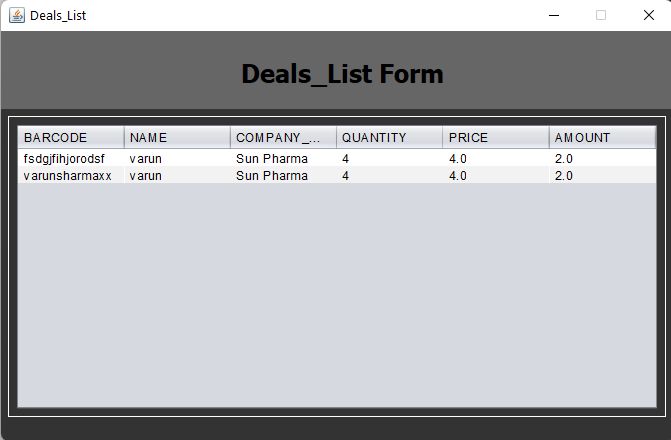
*public Edit\_Price() {*

*initComponents();*

*con=Connect.connect();*

**

*}*

**

***CODE FOR INBOX***

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import java.util.ArrayList;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*import javax.swing.ImageIcon;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Inbox extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*ArrayList<String> arr ;*

*public Inbox() {*

*initComponents();*

*con=Connect.connect();*

*fill\_Username();*

*arr = new ArrayList();*

*}*

*/\*\**

*\* This method …*

*[10:11 am, 04/05/2023] Choko💦: MOVE DRUGS*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import java.util.\*;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Move\_Drug extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre = null;*

*ResultSet res= null;*

*String Barcode ="";*

*public Move\_Drug() {*

*initComponents();*

*con=Connect.connect();*

*}*

***CODE FOR MAIN MENU BOX***

*package main;*

*import java.awt.event.ActionEvent;*

*import java.awt.event.ActionListener;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import java.text.SimpleDateFormat;*

*import java.util.Date;*

*import javax.swing.JOptionPane;*

*import javax.swing.Timer;*

*import java.awt.Toolkit;*

*import javax.swing.ImageIcon;*

*public class Pharmacy extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*static int ex;*

*User user ;*

*Company comp;*

*static Drug drug ;*

*static Move\_Drug move\_drug;*

*Buy\_Drug buy;*

*Date d;*

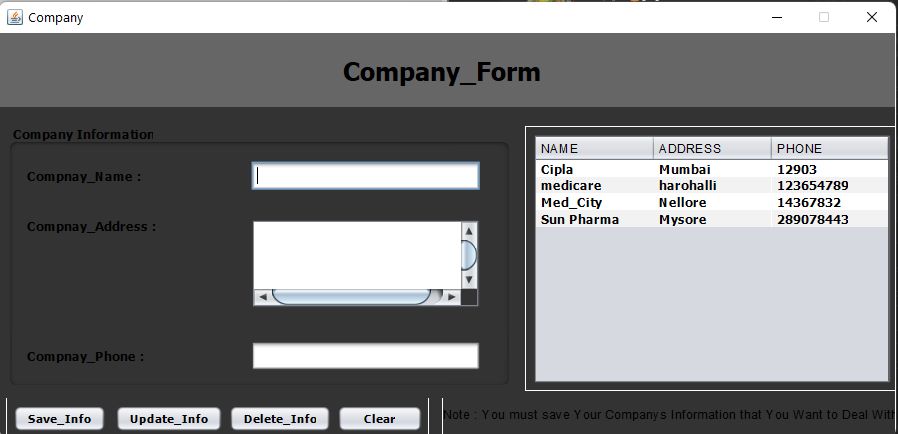
*SimpleDateFormat dd;*

*static String to;*

*static String from ;*

*static String text ;*

*static String almost\_expire…*

**

***CODE FOR RENEWING DRUG DETAILS:***

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*import java.awt.Font;*

*import javax.swing.GroupLayout.Alignment;*

*import javax.swing.GroupLayout;*

*import javax.swing.LayoutStyle.ComponentPlacement;*

*public class Renew\_Validity extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*public Renew\_Validity() {*

*setFont(new Font("Dialog", Font.BOLD, 12));*

*initComponents();*

*…*

*[10:14 am, 04/05/2023] Choko💦: FETCHING DRUG DETAILS*

*/\**

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*\* and open the template in the editor.*

*\*/*

*package main;*

*import javax.swing.JOptionPane;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Retrieval\_Drug extends javax.swing.JFrame {*

*public Retrieval\_Drug() {*

*initComponents();*

*}*

*/\*\**

*\* This method is called from within the constructor to initialize the form.*

*\* WARNING: Do NOT modify this code. The content of this method is always*

*\* regenerated by the Form Editor.*

*\*/*

*@SuppressWarnings("unchecked")*

*// <editor-fold defaultstate="collapsed" desc="Generated Code">*

*private void ini…*

*[10:16 am, 04/05/2023] Choko💦: BILL GENERATION*

*/\**

*\* To change this license header, choose License Headers in Project Properties.*

*\* To change this template file, choose Tools | Templates*

*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Sales\_Bill extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*int rest\_drug ;*

*public Sales\_Bill() {*

*initComponents();*

*con=Connect.connect();*

*}*

***CODE TO SEARCH DRUGS:***

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Search\_Drug extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*public Search\_Drug() {*

*initComponents();*

*con=Connect.connect();*

*}*

*/\*\**

*\* This method is called from within the constructor to initialize the form.*

*\* WARNING: Do NOT modify this code. The content of this method is always*

*\* regenerated by the Form Editor.*

*\*/*

*\*

***CODE TO SEND MESSAGE FORM***

*/\**

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*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Send extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*static String message\_To;*

*public Send() {*

*initComponents();*

*con=Connect.connect();*

*fill\_username();*

*message\_from.setText(Pharmacy.username1.getText());*

*}*

***SHIFT WISE SALES***

*/\**

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*\* To change this template file, choose Tools | Templates*

*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*public class Shift\_Sales extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*public Shift\_Sales() {*

*initComponents();*

*con=Connect.connect();*

*fill\_Username();*

*}*

***MESSAGE DISPLAY***

*/\**

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*\* To change this template file, choose Tools | Templates*

*\* and open the template in the editor.*

*\*/*

*package main;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Show\_Message extends javax.swing.JFrame {*

*/\*\**

*\* Creates new form Show\_Message*

*\*/*

*public Show\_Message() {*

*initComponents();*

*message\_from.setText(Pharmacy.from);*

*message\_text.setText(Pharmacy.text);*

*}*

***USER DETAILS***

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*public class User extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res= null;*

*String t ;*

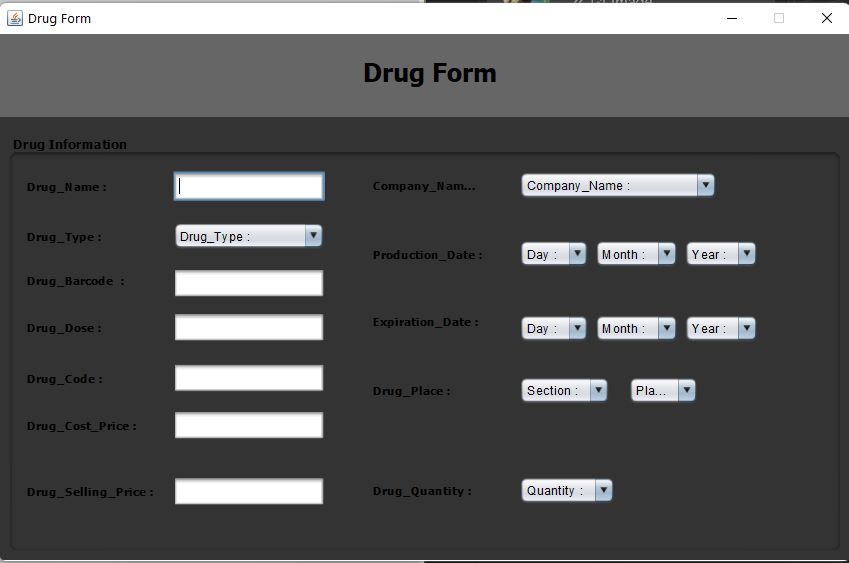
*public User() {*

*initComponents();*

*con=Connect.connect();*

*refresh();*

*}*

**

***CODE FOR WARNING FORM***

*/\**

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*\* To change this template file, choose Tools | Templates*

*\* and open the template in the editor.*

*\*/*

*package main;*

*/\*\**

*\**

*\* @author Hemaa*

*\*/*

*public class Warning extends javax.swing.JFrame {*

*/\*\**

*\* Creates new form Warning*

*\*/*

*public Warning() {*

*initComponents();*

*this.setLocation(0,520);*

*if(Pharmacy.ex==1){*

*jLabel4.setText("close to expire");*

*}else {*

*jLabel4.setText("already Expired");*

*}}*

*/\*\**

*WARNING LIST*

*/\**

*\* To change this license header, choose License Headers in Project Properties.*

*\* To change this template file, choose Tools | Templates*

*\* and open the template in the editor.*

*\*/*

*package main;*

*import java.sql.Connection;*

*import java.sql.PreparedStatement;*

*import java.sql.ResultSet;*

*import javax.swing.JOptionPane;*

*import net.proteanit.sql.DbUtils;*

*public class Warning\_List extends javax.swing.JFrame {*

*Connection con = null;*

*PreparedStatement pre= null;*

*ResultSet res = null;*

*public Warning\_List() {*

*initComponents();*

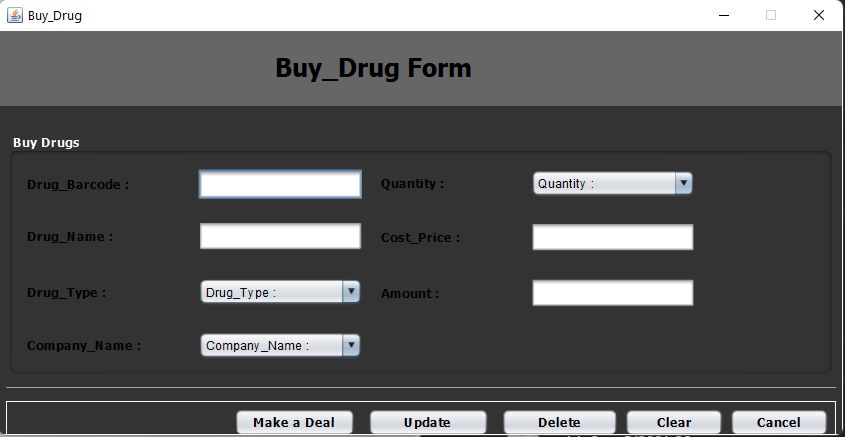
*con=Connect.connect();*

*if(Pharmacy.ex==0){*

*jLabel1.setText(" Expired\_Drugs ");*

*}show\_List();*

*}*

**

**CHAPTER 5:**

1. **Result and Discussion**

This website's pharmacy management tends to save all the user-provided data, including information about drug sales and the owners' profits, in its database using MySQL commands. On this website, users can create sales invoices and check the quantity and expiration dates of their medication. Additionally, it gives users the option to extend validity, add more medications to the store, and update the database as necessary. The ER diagram with relational schema diagrams enables us to design the structure of the database faster and it was easier to make them understand the needs of the website. These database commands are readily initiated into the database by utilizing the xampp server.

**Login Information:**

id :1

password: admin

# WhatsApp Image 2023-05-04 at 10.29.48 AM (1)

# CHAPTER 6:

# CONCLUSIONS AND FUTURE SCOPE

* Detailed information gathering has to be done. Without that the purpose for using the software won’t be satisfied properly.  
  However, it can give good profits in the long run.
* Implementing the software requires change in the business practices.
* Efficient organization of all knowledge is the analysis company and easy analysis access and retrieval of information is possible.
* In this project we can also include BAR CODE facility using the bar code reader, which will detect the expiry date and the other information about the related medicines.
* Company using this software will always be able to plan in future and always be aware of their financial position in the market.
* It leads to ease in functioning of business processes.
* The project can be made more robust by including biometric verification.
* There is also a scope to expand by implementing newer technologies like cloud and much more.

**CHAPTER 7:**

1. **REFERENCES**

* [1]. <https://www.altexsoft.com/blog/pharmacy-management-system/>
* [2]. <https://github.com/syedibrahim/Pharmacy-Management-System>
* [3]. https://arirms.com/features-of-pharmacy-management-system