

# School of Computer Science and Engineering

C SE1005- Software Engineering Lab

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| **Ex No 12** | **Project Report – At your service!** |
| **Date** | **02-12-2020** |
| **Project Title** | **At your service! (Delivery management system)** |

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# Abstract :

The existing system is a medicine delivery system which delivers the medicines from their own delivery points which may take time to reach to the customer in the times of emergency. During this pandemic it’s more important that each and every individual gets medicine at the right time to save their lives or others, due to the restriction of not coming out of the house if you are infected with COVID-19. But this has not been achieved with the existing system.

This is the reason we thought of collaborating with the pharmacies in our locality that will be having a mobile phone for sure. The user has to go to our website or the application on the mobile phone and register for ordering medicines from their homes. The medicines will be delivered to their house with our delivery executive. As we know all the pharmacies in our locality won’t be having all the medicines so there will be a database having the entire medicine list with their address where they are available. In the delivery executive window there will be a pickup and drop address.

By using this kind of system the delivery of the medicines may be done in a few hours which is much better than getting delivered in two or three day or even more. We are going to implement this first in our locality or our town and go on increasing the villages, towns and

also include the cities. We are hoping that this will be more implemented in cities since there all pharmacies may be very far for many of the people, so having this kind of system can save the time and health for the people in a very large extinction.

# Introduction

1. **Background Study – (2 pages)**

**Give the disadvantages of the existing system, compare two or three functions of the existing system with ours.**

1. **Problem definition – (1 page) What we want to achieve or resolve.**
2. **System Design – Overall structure explanation (1-2pages) Overall block diagram or architecture diagram and explain**
3. **Module Explanation – Each Module (1 Page) Module 1 – Login and registration:**

In this module Login and Registration is being carried out.

For those who are already registered, they can login with their unique username and password whereas for new users, they have to register using the registration form by

filling the necessary details like Name, E-mail ID, Mobile Number, Address, username etc.

Every Department will have their separate Login Pages based on their authorization, as everyone has different permissions to carry out their different operations.

In this module there will be a form for all the users to get access or logged-in into the

application. The form consists of the details of the users such as the Name, place, age, gender, email, phone number and other required information from the user will be taken. This will be the same for the delivery agents also.

# Module 2 – Medicine menu:

After the user registration and login, it helps the user to place an order of his required medicine/medicine required for his disease from the nearest Pharmacy shop.

In this Module, it will show a list of medicines available so that the user can easily navigate the medicines and add some desired quantity.

After selecting the medicines as well as quantity, he will forwarded to the payment page where he can pay for his order with the desired payment method.

After choosing the payment method, the order will be placed to the address that he has provided at the time of registration.

After placing the order, the medicine/disease details will be forwarded to the nearest Pharmacy shop through our management system.

# Module 3 – Pharmacy menu:

After the pharmacy login, it will show a menu for the pharmacies so that they can add up their medicines and stock or delete their medicines and stock based on its availability.

For every pharmacy there will be a menu or list in which the pharmacy will be updating the medicines they are having with them. Sometimes it’s difficult for a single pharmacy to have all the medicines required by the patient (User). So having this application helps you find the right pharmacy for the delivery guy to bring it to you.

# Module 4 – Delivery person:

This is the module required for the sake of the delivery person to deliver the medicines to the required destination. Every delivery person will be having a unique identification code

and every delivery he does will be listed under his ID. He will be pinged with the destination of the user as well as the pharmacy near by the user or customer.

As soon as he logs into our management system, he can see an order’s pickup (pharmacy

address) and delivery addresses which will be allocated based on his location so that he can pick up the order from the pharmacy and deliver the same to the user as soon as possible.

# Module 5 – Payment and confirmation:

1. **i) Software requirement**
   * Any Windows Operating system
     + Windows 2000
     + Windows XP,
     + Windows Vista
     + Windows 7
     + Windows 8 /8.1
     + Windows 10
   * Mac OS X,
   * Any Linux operating system
     + Ubuntu
     + Kali Linux
     + Arch Linux

* Web Browser: IE 10 or above, Mozilla FF 31 and above or Google Chrome
* Drivers: Java Runtime Environment
* Integrated Development Environment: Eclipse J2EE or Apache Tomcat

# Hardware requirements

* + PC with Intel core i5 on wards
  + 8 GB RAM
  + 500 GB of HDD/SSD

# Implementation (1-2pages)

**What is the IDE, backend, front end and all those stuff.**

We have implemented this using IDE 2020-06 (Eclipse), JRE(JavaSE - 14), JDK - 15 for coding in Java and for the backend we used SQL and for storing the data in the database we used PHPmyAdmin. The coding has been done with the usage of the windowbuilder in IDE. We used swings, awt for the sake of the user interface for each of the modules. We have to connect the front end and the backend using the MySQL connector (Version 5.1.49).

# Conclusion and Future Enhancement (1 Page)

1. **Appendix A- Coding**

//----------------- Done By Jay Venkat, Deva Dattu, Lalitha and Girish //

package FinalPro;

import java.awt.EventQueue; import javax.swing.JFrame; import javax.swing.JButton; import javax.swing.JLabel; import java.awt.Font;

import java.awt.event.ActionListener; import java.awt.event.ActionEvent; import FinalPro.Project.\*;

import FinalPro.Delivery\_UI.\*; import FinalPro.Pharamacy.\*; public class Project\_merge {

private JFrame frame;

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() {

public void run() { try {

Project\_merge window = new Project\_merge(); window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

} }

});

}

public Project\_merge() { initialize\_merge();

}

private void initialize\_merge() {

frame = new JFrame(); frame.setBounds(100, 100, 521, 460);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null);

JButton User = new JButton("User"); User.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { new Project();

}

});

User.setFont(new Font("Times New Roman", Font.BOLD, 23)); User.setBounds(137, 120, 213, 41); frame.getContentPane().add(User);

JButton btnNewButton\_1 = new JButton("Pharmacy"); btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { new Pharamacy();

}

});

btnNewButton\_1.setFont(new Font("Times New Roman", Font.BOLD, 23)); btnNewButton\_1.setBounds(137, 206, 213, 41); frame.getContentPane().add(btnNewButton\_1);

JButton Delivery = new JButton("Delivery Person"); Delivery.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { new Delivery\_UI();

//// Enter the Login pass as "DATTU" ////

}

});

Delivery.setFont(new Font("Times New Roman", Font.BOLD, 23)); Delivery.setBounds(137, 300, 213, 41); frame.getContentPane().add(Delivery);

JLabel lblNewLabel = new JLabel("AT YOUR SERVICE !"); lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 27)); lblNewLabel.setBounds(158, 20, 213, 41); frame.getContentPane().add(lblNewLabel);

}

}

package FinalPro;

import java.awt.EventQueue; import javax.swing.JFrame; import javax.swing.JPanel; import java.awt.BorderLayout; import javax.swing.JLabel; import java.awt.Font;

import javax.swing.JTextField; import javax.swing.JButton;

import java.awt.event.ActionListener; import java.awt.event.ActionEvent; import javax.swing.JPasswordField; import java.sql.\*;

public class Project {

public JFrame frame;

public JTextField paracetomol;

public JPasswordField PasswordField; public JLabel lblNewLabel\_5,ComMsg; int tf,tf\_1,tf\_2,tf\_3;

public JTextField userName,Mail,PhNo,PWD; public Connection con = null;

public ResultSet resultset = null;

public Statement statement = null; public JTextField Address;

// public Delivery\_UI du = new Delivery\_UI();

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() {

public void run() { try {

Project window = new Project(); window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the application.

\*/

public Project() {

initialize\_project();

}

/\*\*

\* Initialize the contents of the frame.

\*/

public void menu(String UN,String add) { // Pharmacy menu

JFrame frame = new JFrame(); frame.setBounds(100, 100, 496, 491);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null); frame.setVisible(true);

JLabel lblNewLabel = new JLabel("PHARMECY MENU"); lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 18)); lblNewLabel.setBounds(155, 10, 247, 61); frame.getContentPane().add(lblNewLabel);

JLabel lblNewLabel\_1 = new JLabel("DOLO-650"); lblNewLabel\_1.setFont(new Font("Tahoma", Font.BOLD, 14)); lblNewLabel\_1.setBounds(29, 103, 111, 34); frame.getContentPane().add(lblNewLabel\_1);

JLabel lblNewLabel\_2 = new JLabel("PARACETOMOL"); lblNewLabel\_2.setFont(new Font("Tahoma", Font.BOLD, 14)); lblNewLabel\_2.setBounds(29, 159, 111, 34); frame.getContentPane().add(lblNewLabel\_2);

JLabel lblNewLabel\_3 = new JLabel("VICKS ACTION 500"); lblNewLabel\_3.setFont(new Font("Tahoma", Font.BOLD, 14)); lblNewLabel\_3.setBounds(29, 219, 149, 17); frame.getContentPane().add(lblNewLabel\_3);

paracetomol = new JTextField(); //paracetomol paracetomol.setBounds(211, 169, 160, 19); frame.getContentPane().add(paracetomol); paracetomol.setColumns(10);

JTextField textField\_1 = new JTextField(); textField\_1.setColumns(10); textField\_1.setBounds(211, 113, 160, 19); frame.getContentPane().add(textField\_1);

JTextField textField\_2 = new JTextField(); textField\_2.setColumns(10); textField\_2.setBounds(211, 220, 160, 19); frame.getContentPane().add(textField\_2);

JLabel lblNewLabel\_4 = new JLabel("ASPIRIN"); lblNewLabel\_4.setFont(new Font("Tahoma", Font.BOLD, 14)); lblNewLabel\_4.setBounds(29, 273, 111, 17); frame.getContentPane().add(lblNewLabel\_4);

JTextField textField\_3 = new JTextField();

textField\_3.setBounds(211, 274, 160, 19); frame.getContentPane().add(textField\_3); textField\_3.setColumns(10);

JButton btnNewButton = new JButton("ORDER");

// JLabel lblNewLabel\_5 = null ; btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

try {

if(paracetomol.getText().equals("")) tf = 0;

else

tf = Integer.parseInt(paracetomol.getText()); // paracetomol

if(textField\_1.getText().equals("")) tf\_1 = 0;

else

tf\_1 = Integer.parseInt(textField\_1.getText()); // Dolo

if(textField\_2.getText().equals("")) tf\_2 = 0;

else

tf\_2 = Integer.parseInt(textField\_2.getText()); // vicks

if(textField\_3.getText().equals("")) tf\_3 = 0;

else

tf\_3 = Integer.parseInt(textField\_3.getText()); // Aspirin

int sum = (tf\_1 \* 2 + tf\_2 \* 5 + tf \* 1 + tf\_3 \* 4);

lblNewLabel\_5.setText("Total cost of order is " +

String.valueOf(sum));

new Bank(UN,sum); // Bank will be added here

}

catch(Exception exp)

{

System.out.println(exp);

}

//--------------------Connection for the delivery person //

try {

Class.forName("com.mysql.jdbc.Driver"); Connection con =

DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root", "");

PreparedStatement ps = con.prepareStatement("INSERT INTO `delivery`(`uname`, `paracetomol`, `dolo`,

`vicks`, `aspirin`, `address`) VALUES (?,?,?,?,?,?);");

ps.setString(1,UN);

ps.setString(2,Integer.toString(tf)); ps.setString(3,Integer.toString(tf\_1)); ps.setString(4,Integer.toString(tf\_2)); ps.setString(5,Integer.toString(tf\_3)); ps.setString(6,add);

int x = ps.executeUpdate();

}

catch(Exception e1)

{

System.out.println(e1);

}

}

});

btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 15)); btnNewButton.setBounds(155, 348, 141, 34); frame.getContentPane().add(btnNewButton);

lblNewLabel\_5 = new JLabel("");

lblNewLabel\_5.setFont(new Font("Times New Roman", Font.BOLD, 17)); lblNewLabel\_5.setBounds(115, 392, 325, 52); frame.getContentPane().add(lblNewLabel\_5);

JLabel lblNewLabel\_6 = new JLabel("Each Rs.2"); lblNewLabel\_6.setFont(new Font("Tahoma", Font.PLAIN, 12)); lblNewLabel\_6.setBounds(391, 115, 81, 13);

frame.getContentPane().add(lblNewLabel\_6);

JLabel lblNewLabel\_7 = new JLabel("Each Rs.1"); lblNewLabel\_7.setFont(new Font("Tahoma", Font.PLAIN, 12)); lblNewLabel\_7.setBounds(391, 171, 62, 13); frame.getContentPane().add(lblNewLabel\_7);

JLabel lblNewLabel\_8 = new JLabel("Each Rs.5"); lblNewLabel\_8.setFont(new Font("Tahoma", Font.PLAIN, 12)); lblNewLabel\_8.setBounds(391, 219, 62, 13); frame.getContentPane().add(lblNewLabel\_8);

JLabel lblNewLabel\_9 = new JLabel("Each Rs.4"); lblNewLabel\_9.setFont(new Font("Tahoma", Font.PLAIN, 12)); lblNewLabel\_9.setBounds(391, 277, 62, 13); frame.getContentPane().add(lblNewLabel\_9);

}

// REGISTRATION PANE & LOGIN

PANE //

public void close() { try {

if (resultset != null) {

resultset.close();

}

if (statement != null) {

statement.close();

}

if (con != null) {

con.close();

}

} catch (Exception e2) {

}

}

public void initialize\_project() { frame = new JFrame(); frame.setSize(500,500);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null); frame.setVisible(true);

JLabel lblNewLabel = new JLabel("WELCOME"); lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 22)); lblNewLabel.setBounds(156, 52, 155, 38); frame.getContentPane().add(lblNewLabel);

JLabel UN = new JLabel("User name : ");

UN.setFont(new Font("Times New Roman", Font.PLAIN, 15));

UN.setBounds(41, 109, 102, 27);

frame.getContentPane().add(UN);

JLabel PW = new JLabel("Password :");

PW.setFont(new Font("Times New Roman", Font.PLAIN, 15)); PW.setBounds(41, 172, 86, 13);

frame.getContentPane().add(PW);

JLabel lblNewLabel\_10 = new JLabel(""); lblNewLabel\_10.setFont(new Font("Tahoma", Font.BOLD, 21)); lblNewLabel\_10.setBounds(39, 372, 388, 57); frame.getContentPane().add(lblNewLabel\_10);

JTextField UserName = new JTextField(); UserName.setBounds(144, 114, 182, 19); frame.getContentPane().add(UserName); UserName.setColumns(10);

PasswordField = new JPasswordField(); PasswordField.setBounds(144, 166, 182, 19); frame.getContentPane().add(PasswordField);

// Login is done here //

JButton btnNewButton = new JButton("Login");

btnNewButton.addActionListener(new ActionListener() { public void actionPerformed(ActionEvent e) {

try {

Class.forName("com.mysql.jdbc.Driver"); con =

DriverManager.getConnection("jdbc:mysql://localhost:3306/registration", "root", "");

statement = con.createStatement();

resultset = statement.executeQuery("SELECT \* FROM

`registered` WHERE `User\_Name` LIKE '"+ UserName.getText() +"' AND `Password` LIKE '"+ new String(PasswordField.getPassword())+"' ;");

String st1 = null,st2 = null,st3 = null; if(resultset.next()) {

st1 = resultset.getString("User\_Name"); st2 = resultset.getString("Password"); st3 = resultset.getString("Address");

}

if(st1 !=null && st2 !=null) { menu(st1,st3);

}

else

lblNewLabel\_10.setText("Invalid User");

}

catch(Exception e1)

{

System.out.println(e1);

}

close();

// if(UserName.getText().equals("Jay") && new String(PasswordField.getPassword()).equals("1234")) {

|  |  |  |
| --- | --- | --- |
| //  // | } | menu(); |
| //  // | else | lblNewLabel\_10.setText("Invalid User"); |

}

}

);

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 15)); btnNewButton.setBounds(196, 241, 96, 27); frame.getContentPane().add(btnNewButton);

JLabel lblNewLabel\_3 = new JLabel("Not a user ? Signup"); lblNewLabel\_3.setFont(new Font("Times New Roman", Font.PLAIN, 15)); lblNewLabel\_3.setBounds(50, 300, 158, 27); frame.getContentPane().add(lblNewLabel\_3);

// Add the link to Register page //

JButton btnNewButton\_1 = new JButton("Sign Up"); btnNewButton\_1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { Frame2();

}

});

btnNewButton\_1.setFont(new Font("Tahoma", Font.PLAIN, 15)); btnNewButton\_1.setBounds(200, 301, 98, 27); frame.getContentPane().add(btnNewButton\_1);

}

public void Frame2() {

//JFrame frame = new JFrame(); JFrame frame\_1 = new JFrame(); frame\_1.setSize(500,500);

frame\_1.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame\_1.getContentPane().setLayout(null);

JLabel lblNewLabel = new JLabel("REGISTRATION FORM"); lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 20)); lblNewLabel.setBounds(96, 25, 299, 38); frame\_1.getContentPane().add(lblNewLabel);

JLabel Lable1 = new JLabel("User Name");

Lable1.setFont(new Font("Times New Roman", Font.BOLD, 17)); Lable1.setBounds(29, 103, 126, 17); frame\_1.getContentPane().add(Lable1);

JLabel Lable2 = new JLabel("Mail ID");

Lable2.setFont(new Font("Times New Roman", Font.BOLD, 17)); Lable2.setBounds(29, 156, 126, 17); frame\_1.getContentPane().add(Lable2);

JLabel Lable3 = new JLabel("Phone No");

Lable3.setFont(new Font("Times New Roman", Font.BOLD, 17)); Lable3.setBounds(29, 205, 126, 17); frame\_1.getContentPane().add(Lable3);

JLabel Lable4 = new JLabel("PassWord");

Lable4.setFont(new Font("Times New Roman", Font.BOLD, 17)); Lable4.setBounds(29, 300, 126, 17); frame\_1.getContentPane().add(Lable4);

userName = new JTextField(); userName.setBounds(165, 104, 215, 19); frame\_1.getContentPane().add(userName); userName.setColumns(10);

Mail = new JTextField();

Mail.setColumns(10); Mail.setBounds(165, 157, 215, 19); frame\_1.getContentPane().add(Mail);

PhNo = new JTextField(); PhNo.setColumns(10); PhNo.setBounds(165, 206, 215, 19); frame\_1.getContentPane().add(PhNo);

PWD = new JTextField(); PWD.setColumns(10); PWD.setBounds(165, 301, 215, 19);

frame\_1.getContentPane().add(PWD);

JLabel lblNewLabel\_1 = new JLabel("Address"); lblNewLabel\_1.setFont(new Font("Times New Roman", Font.BOLD, 17)); lblNewLabel\_1.setBounds(29, 254, 81, 19); frame\_1.getContentPane().add(lblNewLabel\_1);

Address = new JTextField(); Address.setBounds(168, 256, 212, 19); frame\_1.getContentPane().add(Address); Address.setColumns(10); frame\_1.setVisible(true);

JButton Register = new JButton("REGISTER");

Register.addActionListener(new ActionListener() { public void actionPerformed(ActionEvent e) {

// Sql connection and dataBase

management //

try {

Class.forName("com.mysql.jdbc.Driver"); Connection con =

DriverManager.getConnection("jdbc:mysql://localhost:3306/registration", "root", "");

PreparedStatement ps = con.prepareStatement("insert into registered(User\_Name,Mail\_ID,Phone\_No,Password,Address) values(?,?,?,?,?);");

ps.setString(1,userName.getText()); ps.setString(2,Mail.getText()); ps.setString(3,PhNo.getText()); ps.setString(4,PWD.getText()); ps.setString(5,Address.getText()); int x = ps.executeUpdate();

if(x>0)

{

ComMsg.setText("Your registration is successful " +

userName.getText());

}

}

catch(Exception e1)

{

ComMsg.setText("Enter different username ");

}

}

});

Register.setFont(new Font("Times New Roman", Font.BOLD, 22)); Register.setBounds(143, 341, 166, 28); frame\_1.getContentPane().add(Register); frame\_1.setVisible(true);

ComMsg = new JLabel("");

ComMsg.setFont(new Font("Times New Roman", Font.BOLD, 17)); ComMsg.setBounds(29, 385, 430, 38); frame\_1.getContentPane().add(ComMsg); frame\_1.setVisible(true);

}

}

// Contibuted by Jay //

# Delivery User interface package FinalPro;

import java.awt.EventQueue; import javax.swing.JFrame;

import java.awt.FlowLayout; import javax.swing.JTextField; import javax.swing.JLabel; import javax.swing.JTextArea; import javax.swing.JButton;

import java.awt.event.ActionListener; import java.sql.Connection;

import java.sql.DriverManager; import java.sql.Statement;

import java.awt.event.ActionEvent; import java.awt.Font;

import java.sql.\*;

public class Delivery\_UI {

public JFrame frame,frame1; public JTextField textField; public ResultSet resultset= null; public Connection con = null;

public Statement statement = null;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() { public void run() {

try {

Delivery\_UI window = new Delivery\_UI(); window.frame.setVisible(true);

} catch (Exception e) { e.printStackTrace();

}

}

});

}

/\*\*

\* Create the application.

\*/

public Delivery\_UI() { initialize\_Delivery();

}

/\*\*

\* Initialize the contents of the frame.

\*/public void deliveryPlace() { frame1 = new JFrame();

frame1.setBounds(100, 100, 450, 300); frame1.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame1.getContentPane().setLayout(null); frame1.setVisible(true);

JLabel lblPickupAddresspharmacy = new JLabel("Pickup Address:"); lblPickupAddresspharmacy.setBounds(36, 11, 135, 14); frame1.getContentPane().add(lblPickupAddresspharmacy);

JLabel lblDeliveryAddress = new JLabel("Delivery Address:"); lblDeliveryAddress.setBounds(36, 129, 135, 14); frame1.getContentPane().add(lblDeliveryAddress);

JTextArea txtrPharmacysAddress = new JTextArea(); txtrPharmacysAddress.setText("APOLO PHARMACY"); txtrPharmacysAddress.setBounds(109, 38, 235, 75); frame1.getContentPane().add(txtrPharmacysAddress);

JTextArea txtrCustomersAddress = new JTextArea(); txtrCustomersAddress.setText("Customer's Address"); txtrCustomersAddress.setBounds(109, 154, 250, 80); frame1.getContentPane().add(txtrCustomersAddress);

try {

Class.forName("com.mysql.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root", "");

statement = con.createStatement();

resultset = statement.executeQuery("SELECT \* FROM `delivery` "); String st1 = null,st2 = null,st3 = null,st4 = null,st5 = null,st6 = null; if(resultset.next()) {

st1 = resultset.getString("uname");

st2 = resultset.getString("paracetomol"); st3 = resultset.getString("dolo");

st4 = resultset.getString("vicks"); st5 = resultset.getString("aspirin"); st6 = resultset.getString("address");

}

txtrCustomersAddress.setText("Deliver to " + st1 +"\n"+st2+"-Paracetomol

\n"+st3+"-Dolo \n"+st4+"-Vicks \n"+st5+"-Aspirin at "+st6);

}

catch(Exception e1)

{

System.out.println(e1);

}

}

public void initialize\_Delivery() { frame = new JFrame();

frame.setBounds(100, 100, 496, 491); frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null); frame.setVisible(true);

textField = new JTextField(); textField.setBounds(244, 122, 154, 20); frame.getContentPane().add(textField);

textField.setColumns(10);

JLabel lblDeliveryGuyId = new JLabel("Enter your ID"); lblDeliveryGuyId.setBounds(45, 115, 146, 28); lblDeliveryGuyId.setFont(new Font("Times New Roman", Font.PLAIN, 18)); frame.getContentPane().add(lblDeliveryGuyId);

JButton btnLogin = new JButton("Login"); btnLogin.setBounds(192, 218, 108, 34);

btnLogin.setFont(new Font("Times New Roman", Font.PLAIN, 17)); btnLogin.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { if(textField.getText().equals("DATTU") )

deliveryPlace();

}

});

frame.getContentPane().add(btnLogin);

JLabel lblDeliveryPersonLogin = new JLabel("Delivery Person Login"); lblDeliveryPersonLogin.setBounds(137, 21, 261, 48); lblDeliveryPersonLogin.setFont(new Font("Times New Roman", Font.BOLD, 23)); frame.getContentPane().add(lblDeliveryPersonLogin);

}

}

//---------Contributed by Deva Dattu //

# Pharmacy package FinalPro;

import java.awt.EventQueue; import javax.swing.JFrame; import javax.swing.JLabel; import java.awt.Font;

import javax.swing.JPasswordField; import javax.swing.JTextField; import javax.swing.JButton;

import java.awt.event.ActionListener; import java.sql.Connection;

import java.sql.DriverManager; import java.sql.PreparedStatement; import java.sql.ResultSet;

import java.sql.Statement;

import java.awt.event.ActionEvent;

import FinalPro.Pharmacy\_medicinemenu.\*;

public class Pharamacy {

public JFrame frame;

public JPasswordField passwordFieldPharma; public JTextField textField;

public Connection con = null;

public ResultSet resultset = null; public Statement statement = null; public JLabel Invalid;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() {

public void run() { try {

Pharamacy window = new Pharamacy(); window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the application.

\*/

public Pharamacy() { login\_pharma();

}

/\*\*

\* Initialize the contents of the frame.

\*/

public void login\_pharma() { frame = new JFrame();

frame.setBounds(100, 100, 491, 486); frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null); frame.setVisible(true);

JLabel welcomeLine = new JLabel("PHARMACY LOGIN"); welcomeLine.setFont(new Font("Times New Roman", Font.BOLD, 23)); welcomeLine.setBounds(112, 44, 309, 72); frame.getContentPane().add(welcomeLine);

JLabel lblNewLabel = new JLabel("Pharmacy ID"); lblNewLabel.setFont(new Font("Times New Roman", Font.PLAIN, 16)); lblNewLabel.setBounds(43, 140, 136, 17); frame.getContentPane().add(lblNewLabel);

passwordFieldPharma = new JPasswordField(); passwordFieldPharma.setEchoChar('$'); passwordFieldPharma.setBounds(204, 186, 162, 19); frame.getContentPane().add(passwordFieldPharma);

JLabel lblNewLabel\_1 = new JLabel("Password"); lblNewLabel\_1.setFont(new Font("Times New Roman", Font.PLAIN, 17));

lblNewLabel\_1.setBounds(43, 198, 104, 13); frame.getContentPane().add(lblNewLabel\_1);

textField = new JTextField(); textField.setBounds(202, 140, 164, 19); frame.getContentPane().add(textField); textField.setColumns(10);

JButton login = new JButton("Login"); login.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) { try {

Class.forName("com.mysql.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root", "");

statement = con.createStatement();

resultset = statement.executeQuery("SELECT \* FROM

`user\_login` WHERE `PharmID` LIKE '"+ textField.getText() +"' AND `Password` LIKE '"+ new String(passwordFieldPharma.getPassword())+"' ;");

String st1 = null, st2 = null; if(resultset.next()) {

st1 = resultset.getString("PharmID"); st2 = resultset.getString("Password");

}

if(st1 !=null && st2 !=null) { Invalid.setText("You are good bro!!!"); new Pharmacy\_medicinemenu();

}

else

Invalid.setText("Invalid User");

}

catch(Exception e1)

{

System.out.println(e1);

}

close();

}

});

login.setFont(new Font("Times New Roman", Font.PLAIN, 17)); login.setBounds(101, 274, 117, 29); frame.getContentPane().add(login);

Invalid = new JLabel("");

Invalid.setFont(new Font("Times New Roman", Font.BOLD, 21)); Invalid.setBounds(43, 362, 323, 44); frame.getContentPane().add(Invalid);

JButton SignUp = new JButton("Sign Up"); SignUp.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

try { Class.forName("com.mysql.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root", "");

statement = con.createStatement();

PreparedStatement ps = con.prepareStatement("insert into user\_login(PharmID,Password) values(?,?);");

ps.setString(1,textField.getText());

ps.setString(2,new String(passwordFieldPharma.getPassword()));

int x = ps.executeUpdate();

}

catch(Exception e1)

{

System.out.println(e1); Invalid.setText("User name Taken");

}

}

});

SignUp.setFont(new Font("Times New Roman", Font.PLAIN, 17)); SignUp.setBounds(312, 274, 109, 29); frame.getContentPane().add(SignUp);

}

public void close() { try {

if (resultset != null) {

resultset.close();

}

if (statement != null) {

statement.close();

}

if (con != null) {

con.close();

}

} catch (Exception e2) {

}

}

}

// Contributed by Girish and Lalitha //

package FinalPro;

import java.awt.EventQueue;

import javax.swing.JFrame; import javax.swing.JLabel; import java.awt.Font; import javax.swing.JList;

import javax.swing.AbstractListModel; import javax.swing.JScrollBar;

import javax.swing.JTree;

import javax.swing.tree.DefaultTreeModel;

import javax.swing.tree.DefaultMutableTreeNode;

public class Pharmacy\_medicinemenu {

public JFrame frame;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() {

public void run() { try {

Pharmacy\_medicinemenu window = new

Pharmacy\_medicinemenu();

window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the application.

\*/

public Pharmacy\_medicinemenu() { initialize();

}

/\*\*

\* Initialize the contents of the frame.

\*/

public void initialize() { frame = new JFrame();

frame.setBounds(100, 100, 528, 450); frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null); frame.setVisible(true);

JLabel lblNewLabel = new JLabel("PHARMACY MENU"); lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 23)); lblNewLabel.setBounds(127, 25, 261, 30); frame.getContentPane().add(lblNewLabel);

JLabel lblNewLabel\_1 = new JLabel("Medicine List"); lblNewLabel\_1.setFont(new Font("Times New Roman", Font.BOLD, 16)); lblNewLabel\_1.setBounds(54, 109, 111, 22); frame.getContentPane().add(lblNewLabel\_1);

JTree tree = new JTree(); tree.setModel(new DefaultTreeModel(

new DefaultMutableTreeNode("Medicines") {

{

DefaultMutableTreeNode node\_1; node\_1 = new

DefaultMutableTreeNode("Anti-Biotics");

node\_1.add(new DefaultMutableTreeNode("Amoxicillin"));

node\_1.add(new DefaultMutableTreeNode("Doxycycline"));

node\_1.add(new DefaultMutableTreeNode("Cephalexin"));

add(node\_1);

node\_1 = new DefaultMutableTreeNode("Fever");

node\_1.add(new

DefaultMutableTreeNode("Tylenol"));

node\_1.add(new DefaultMutableTreeNode("Ibuprofen"));

add(node\_1);

node\_1 = new DefaultMutableTreeNode("Cough and

cold");

node\_1.add(new DefaultMutableTreeNode("

Pseudoephedrine"));

node\_1.add(new DefaultMutableTreeNode("

Oxymetazoline"));

add(node\_1);

}

}

));

tree.setBounds(175, 113, 162, 212); frame.getContentPane().add(tree);

}

}

# Bank

package FinalPro;

import java.awt.EventQueue;

import javax.swing.JFrame; import javax.swing.JLabel; import java.awt.Font; import javax.swing.JButton;

import java.awt.event.ActionListener; import java.sql.Connection;

import java.sql.DriverManager; import java.sql.PreparedStatement; import java.awt.event.ActionEvent;

public class Bank {

public JFrame frame;

public JLabel lblNewLabel\_2;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) { EventQueue.invokeLater(new Runnable() {

public void run() { try {

Bank window = new Bank(null, 0); window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

* Create the application.
* @param uN

\*/

public Bank(String uN, int sum) {

initialize(uN,sum);

}

/\*\*

* Initialize the contents of the frame.

\*/

public void initialize(String User,int sum) { frame = new JFrame(); frame.setBounds(100, 100, 496, 470);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE); frame.getContentPane().setLayout(null); frame.setVisible(true);

JLabel lblNewLabel = new JLabel("BANK / PAYMENT"); lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 22)); lblNewLabel.setBounds(147, 22, 273, 39); frame.getContentPane().add(lblNewLabel);

JLabel lblNewLabel\_1 = new JLabel("How do you want to pay:"); lblNewLabel\_1.setFont(new Font("Times New Roman", Font.PLAIN, 18)); lblNewLabel\_1.setBounds(33, 81, 220, 29); frame.getContentPane().add(lblNewLabel\_1);

JButton btnNewButton = new JButton("Debit Card"); btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

lblNewLabel\_2.setText(User + " your account has been

Debited Rs." + sum);

try {

Class.forName("com.mysql.jdbc.Driver");

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/registration", "root", "");

PreparedStatement ps = con.prepareStatement("insert into bank(User,Amount) values(?,?);");

ps.setString(1,User); ps.setLong(2,sum);

int x = ps.executeUpdate();

}

catch(Exception e1)

{

System.out.println(e1);

}

}

});

btnNewButton.setFont(new Font("Times New Roman", Font.PLAIN, 15)); btnNewButton.setBounds(168, 137, 116, 39); frame.getContentPane().add(btnNewButton);

JButton btnNewButton\_1 = new JButton("Credit Card"); btnNewButton\_1.setFont(new Font("Times New Roman", Font.PLAIN, 15)); btnNewButton\_1.setBounds(168, 186, 116, 39); frame.getContentPane().add(btnNewButton\_1);

JButton btnNewButton\_2 = new JButton("COD"); btnNewButton\_2.setFont(new Font("Times New Roman", Font.PLAIN, 17)); btnNewButton\_2.setBounds(168, 235, 116, 39); frame.getContentPane().add(btnNewButton\_2);

lblNewLabel\_2 = new JLabel("Bank Statement");

lblNewLabel\_2.setFont(new Font("Times New Roman", Font.PLAIN, 17)); lblNewLabel\_2.setBounds(81, 302, 343, 91); frame.getContentPane().add(lblNewLabel\_2);

}

}