

CHAPTER 1

INTRODUCTION

1.1 PERSPECTIVE

The purpose is to introduce UZHAVAN-Equipment Renting System for providing service to farmers. UZHAVAN-Equipment Renting System is the desktop application and it is responsible to provide information to the users whoever willing to rent their equipment. Here the process of renting is that whenever we're in need we shall login to the desktop application, if we're yet to sign up then create new account and login to the application. The application holds information about homes (i.e) address, contact details and count of equipment that farmer owned. Initially it asks users for a type of equipment needed. When user gives the needed equipment ,it displays the list of equipment that matches the equipment given by the user. So that's how farmers select their equipments. This UZHAVAN-Equipment Renting System will have two one users, the Buyer,the Seller.

Buyer - They have the privilege to select the specific equipment and get it for rent if the equipment owner permits.

Seller-They have the privilege to sell the equipment which he owns and he can also get other's equipment for rent.

1.2 OBJECTIVES

- To reduce paperwork
- To make storage of information more efficient and secure.
- To have a friendly interface.
- To operate it easily and with minimum experience.
- To save time and energy of the admin.
- To helps farmers to get the track of equipment's that are on rent

1.3 SCOPE

The scope of the project is to generate side income for the farmers. Besides that, the scope of the project is to provide latest technology in agriculture at low cost to every farmers .

CHAPTER 2

EXISTING AND PROPOSED MODEL

2.1 EXISTING MODEL

In the existing system, farmers have to manually visit neighbour's farm to request the equipment for rent.

- Every time visiting the other's farm are complex and time consuming process.
- Even though a Farmer visiting the neighbour's farm he may face the problem like particular equipment may be rented by other farmer or the owner refused to give the equipment.
- It is also very difficult for the equipment owner to track the equipment and also supply to the next farmer who requested earlier.
- To maintain the history of the equipment who are all buy for rent previously require large paper work and need to store safely.
- It is very difficult for the farmers to compare one's equipment with other's equipment by visiting each farm and is waste of time process.
- Modern equipment's make farmers work more efficient and easy, but affording that equipment is not so easy and for the minimal usage particularly for marginal farmers.

2.2 PROPOSED MODEL

The following documentation is a project the "UZHAVAN-EQUIPMENT RENTING SYSTEM". It is a detailed summary of all the drawbacks of the old system and how the new proposed system overcomes these shortcomings. The new system takes into account the various factors while designing a new system. It keeps into the account the Economical bandwidth available for the new system. The foremost thing that is taken care of is the need and requirements of the user.

The UZHAVAN – EQUIPMENT RENTING SYSTEM is a desktop system aimed to maintaining farmers records and their equipment details.

- It also generate records like i.e., available equipment, rent paid for each equipment, history of product and etc.

- The system requires small amount of time to generate reports needed to manage the rents paid for the equipment.
- By renting, farmers can actually upgrade the equipment as per their agricultural field usage in an upgraded model in the society with an affordable rent.
- Software have easy access to expensive and sophisticated agricultural machinery for small and marginal farmers and they make profit from it.
- Tracking equipment and due charge calculation, issuing due receipts and equipment request - register updating is done with the help of software resulting in highly accurate data.
- Software provides facility to print receipts atomizing office work.
- This Software provides facility to generate due charge report easily and at any point of time.
- Software directly enters due charge receipts and equipment tracking to the accounts of the farmer.
- Software provides rental equipment as it reduces the repair costs, no need for storage and gain access to the latest equipment.

CHAPTER 3

SYSTEM DESIGN

3.1 USE CASE DIAGRAM

Architectural diagram implies the flow of the system. The flow starts whether the user has account or not. If the user had an account it directly takes to the login page and after he logged into the system, it enables the user to donate the food for which the user should entry the count so the count of the people in receiver which is closer to the data entered by the user will be displayed to the donor.

USECASE DIAGRAM:

UZHAVAN SHOPPING CART

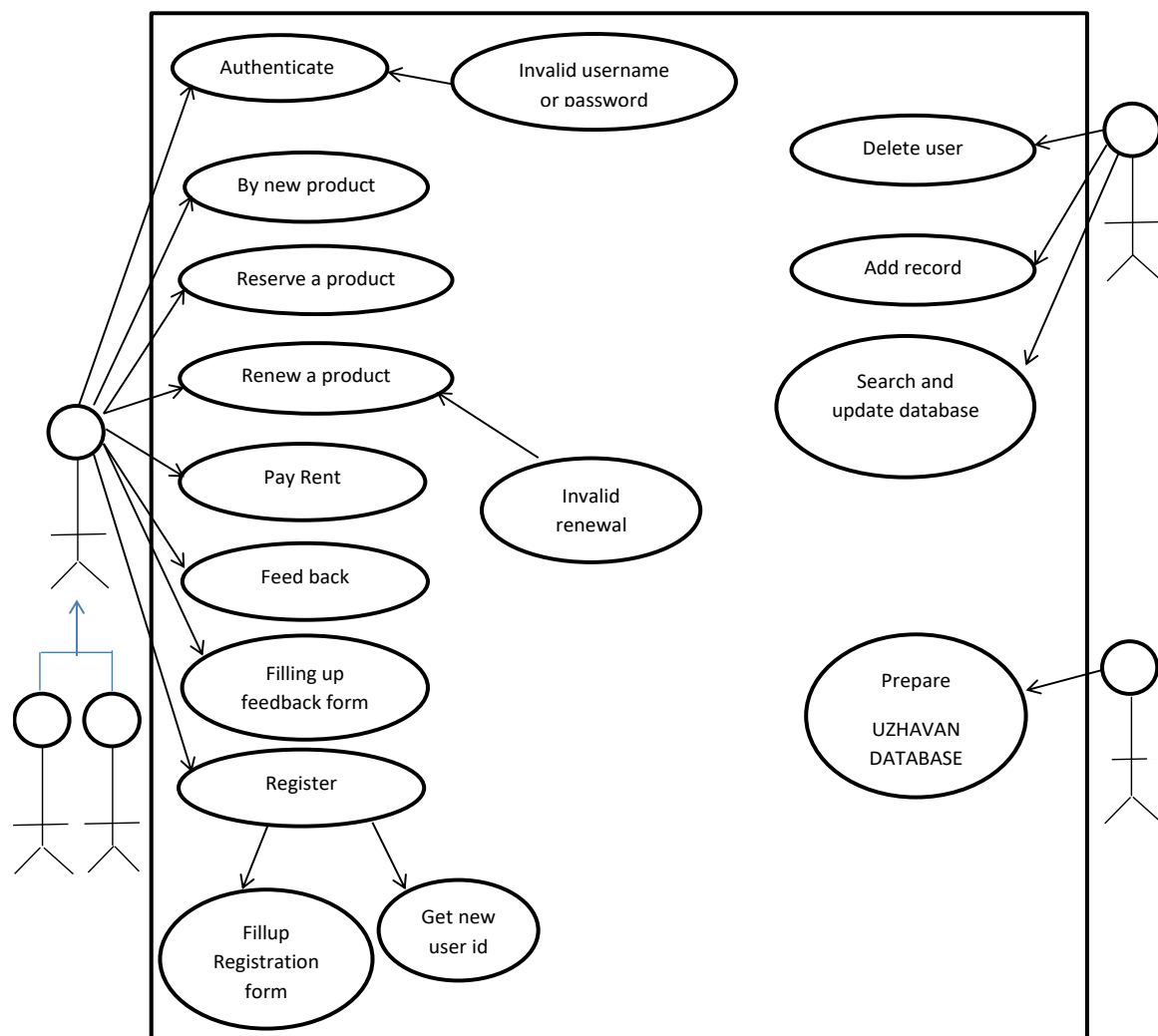


Figure 3.1: Use case Diagram for Food Waste Management System

3.2 CLASS DIAGRAM

CLASS DIAGRAM:

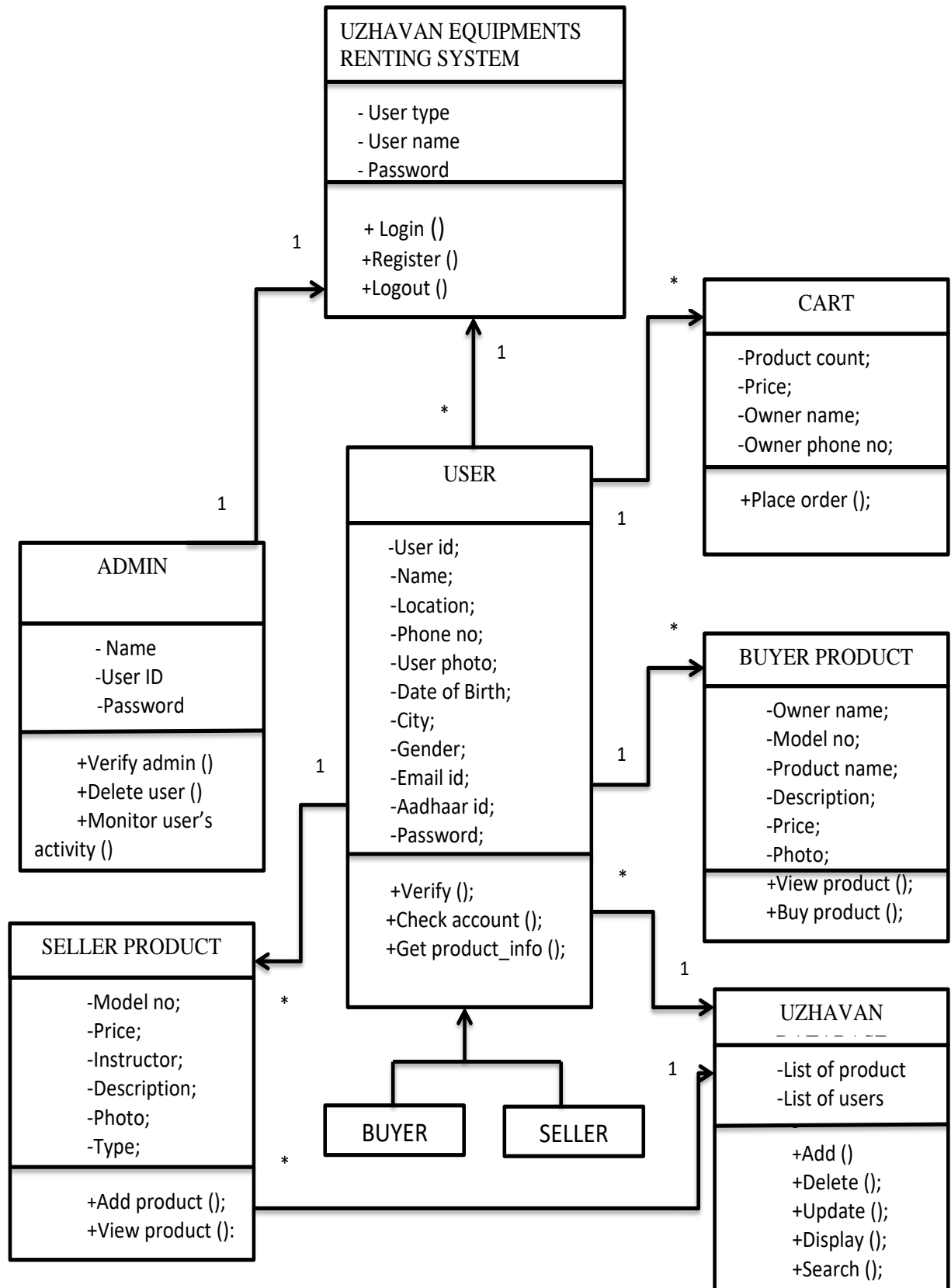


Figure 3.2: Class Diagram for UZHAVN-Equipment Renting System

3.3 DESIGN COMPONENTS

3.2.1 Front End:

The Food Waste Management System uses Java Swing for developing interactive pages.

3.2.2 Back End:

Uses MySql database for back end to store data.

3.4 DATABASE DESCRIPTION

Listed below gives a description of database document schemas used for Food Waste Management System.

3.4.1 User Structure

As shown in table 3.1, user structure contains the details of the users.

Table 3.1: users Description

Field Name	Description	Type	Length
Name	Name of the user	varchar	50
User ID	User ID of the user	varchar	50
Mail ID	Mail ID of the user	varchar	50
Phone No	Phone Number of the user	int	50
Password	Password of the user	varchar	50
Location	Location of the user	varchar	50
D.O.B	Date of birth of the user	int	50
City	City of the user	varchar	50
State	State of the user	varchar	50
Aadhar No	Aadhar No of the user	int	50
Gender	Gender of the user	varchar	50

Negative poll	Negative poll of the user	int	50
Total product Owned	Total product user Owned	int	50
Total product rented	Total product user rented	int	50
Photo	Photo of the user	blob	50
User Name	User Name of the user	varchar	50

3.4.2 Admin Structure

As shown in table 3.2, admin structure contains the details of the users.

Table 3.2: admin Description

Field Name	Description	Type	Length
User ID	User ID of the user	int	20
Report	Report of the user	text	20
User Name	User Name of the user	varchar	20
Negative poll Count	Negative poll Count of the user	int	20

3.4.3 Bill Structure

As shown in table 3.3, Bill structure contains the details of the users.

Table 3.3: bill Description

Field Name	Description	Type	Length
Owner user ID	User ID of the Owner	int	50
Product Model No	Product Model No of the user	varchar	50
Duration	Duration of the user	varchar	50
Return Date	Return Date of the user	varchar	50
Buyer User ID	User ID of the Buyer	int	50
Rent Cost	Rent Cost of the user	varchar	50
Bill No	Bill No of the user	int	50

3.4.4 product Structure

As shown in table 3.4, product structure contains the details of the users.

Table 3.4: product Description

Field Name	Description	Type	Length
Product No	Product No of the user	int	50
User ID	User ID of the user	int	50
Model Number	Model Number of the user	varchar	50
Photo	Photo of the user	longlob	50
MinimumRate	Minimum Rate of the product	char	50
MaxRate	Max rate of the product	char	50
Instruction	Instruction for the product	text	50
Description	Description for the product	text	50

3.5 USER INTERFACE DESIGN

3.5.1 Registration form

Figure 3.3 provide the interface for Registration

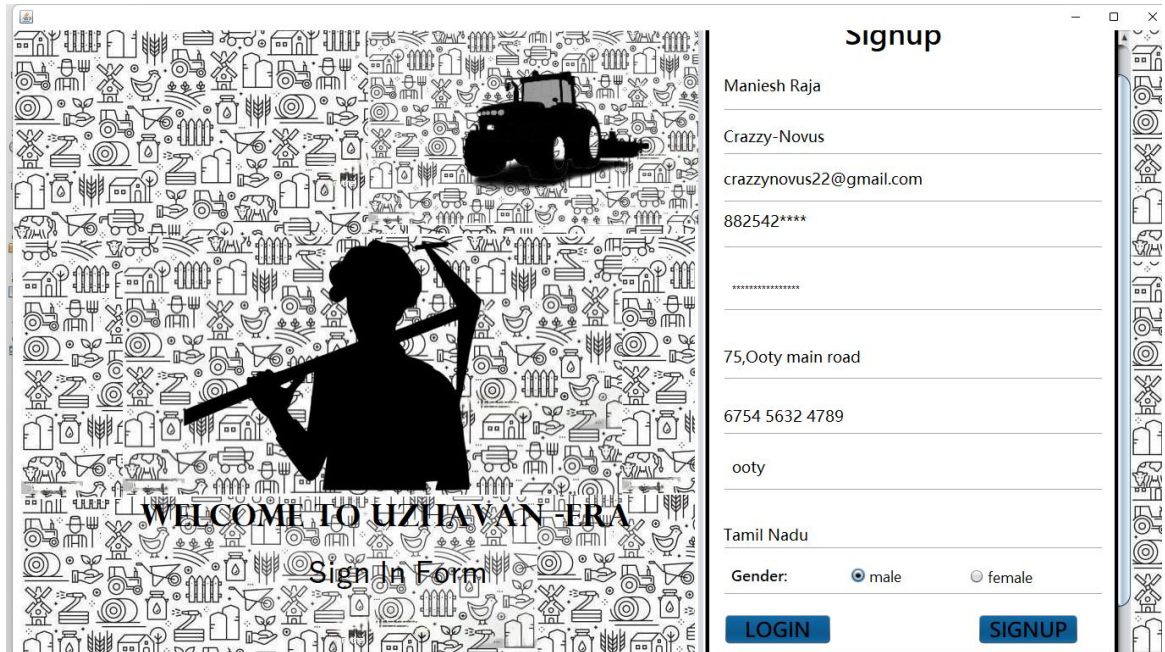


Figure 3.3:Registration layout of UZHAVAN-Equipment renting system

3.5.2 Login page

Figure 3.4 provide the interface for Login

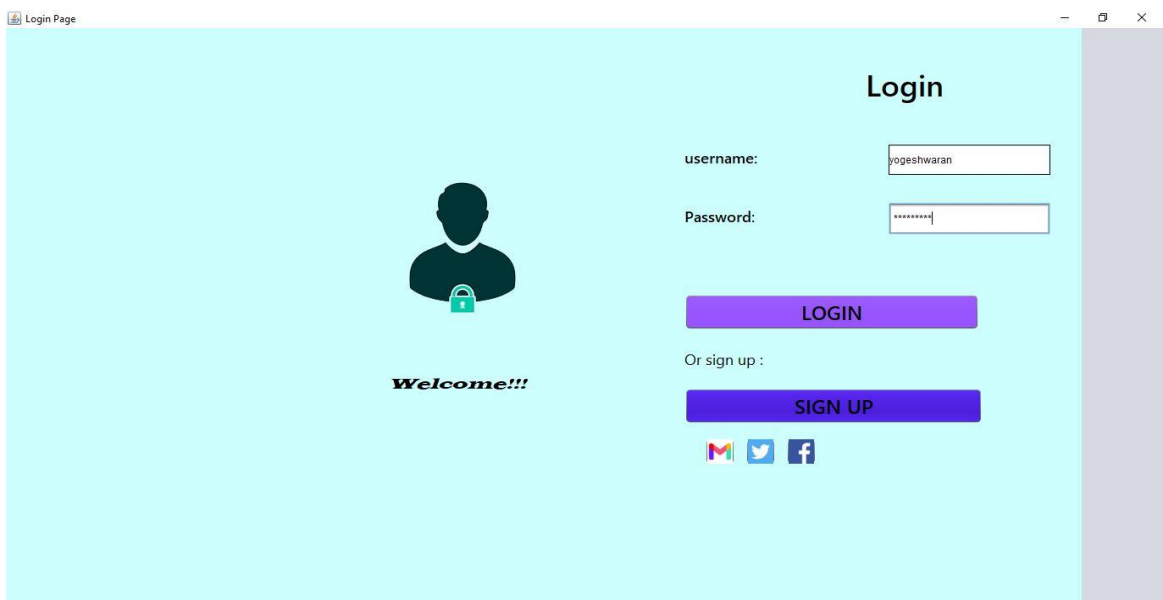


Figure 3.4:Login layout of UZHAVAN-Equipment renting system

3.5.3 Home page

Figure 3.5 provide the interface for home page

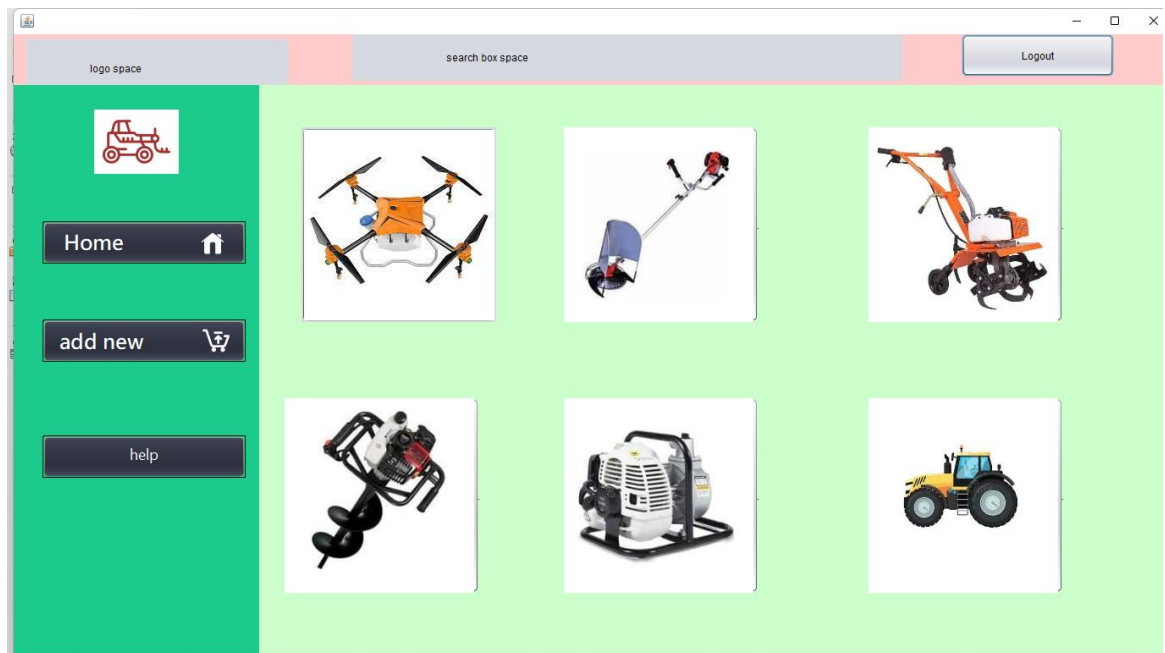


Figure 3.5: Home Page

3.5.4 Add new product page

Figure 3.6:provide the interface for Add new roduct

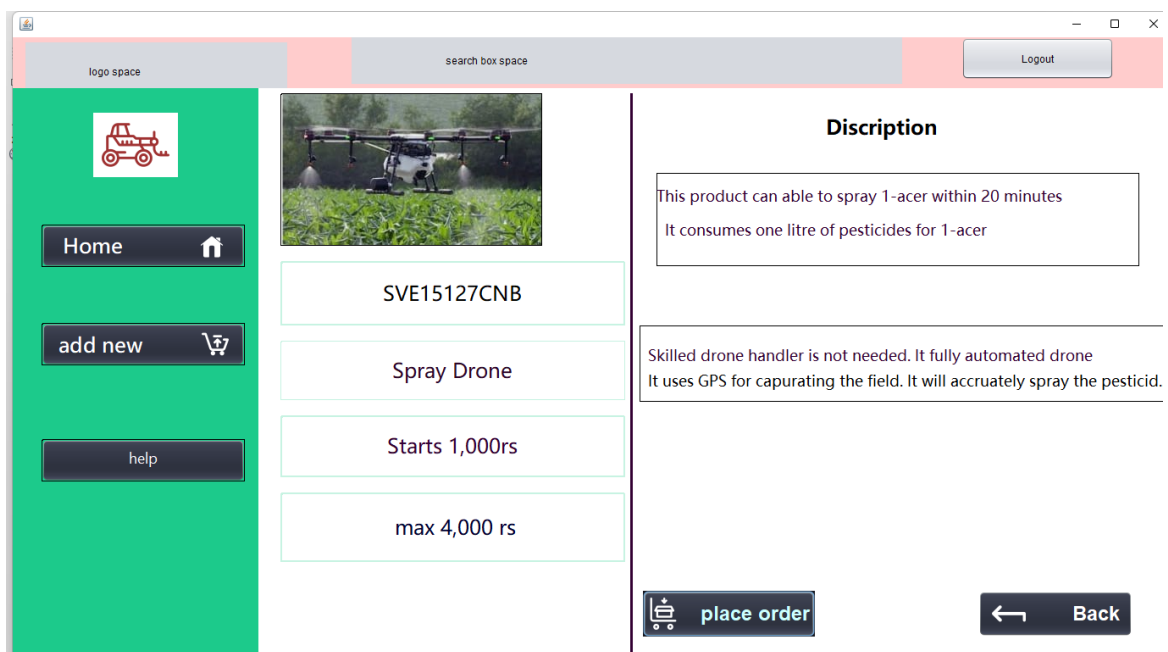


Figure 3.6: Add new product Page

3.5.5 View product page

Figure 3.7 provide the interface for Product view

Design Preview [MainMenu]

Details of new Product

Model Number : AB2022VL0967

Minimum-Rate : 1,200rs


Max - Rate : 1,200rs

Operator : ☐ yes ☐ no

Instruction : This product can able to spray 1-acer within 20 minutes
It consumes one litre of pesticides for 1-acer

Description : Detailed description about the product
It uses GPS for capturing the field. It w

mustfill




Add Photo **Sumit**

Figure 3.7: View product Page

3.5.6 Product bill page

Figure 3.8 provide the interface for Product bill

 **UZHAVAN - Equipments**
Smartest way of farming


Supplier: 750/c2 Thirupathi Nagar, Oddanchatram
Tamil Nadu

Client: 343/m2 EastStreet, Oddanchatram
Tamil Nadu

Payment Method: Cash on delivery

Order Number: 103

Issue Date: 02 / 02 / 2022

ITEM DESCRIPTION	Model Number	Photo
Drone	SVE15127CNB	

Subtotal : \$1200/hour
Duration : 2 hours
Total : \$2400

Back **Confirm**

Figure 3.8: View product Page

3.5.7 Admin page

Figure 3.9 provide the interface for Admin

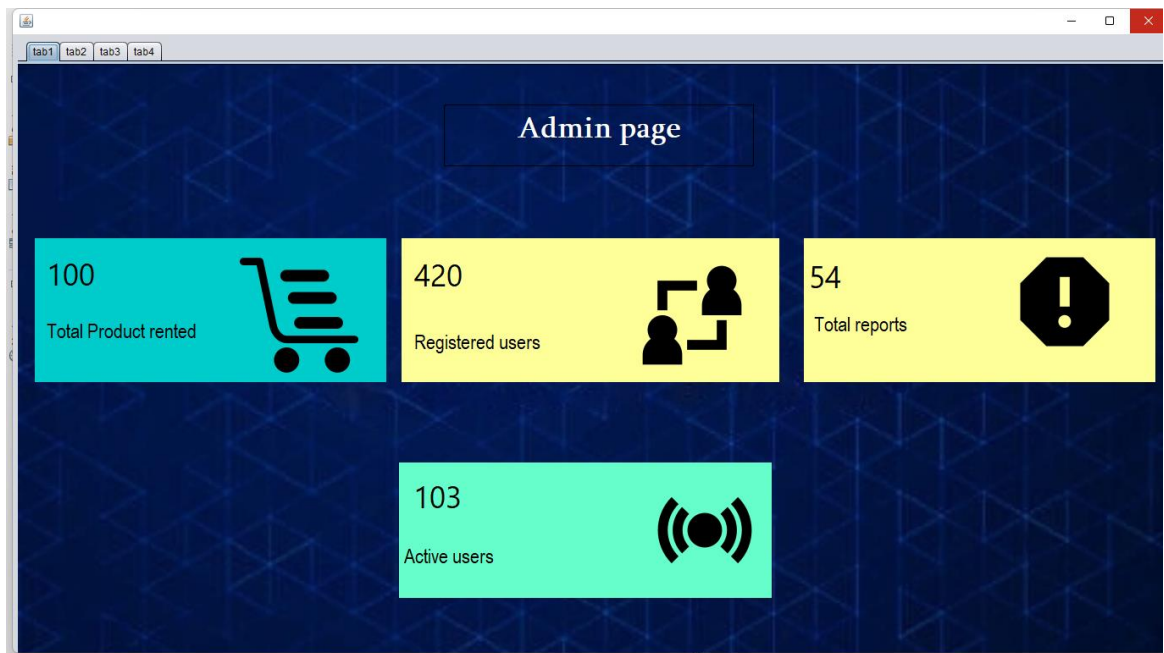


Figure 3.9: Admin Page

3.5.8 Admin page 2

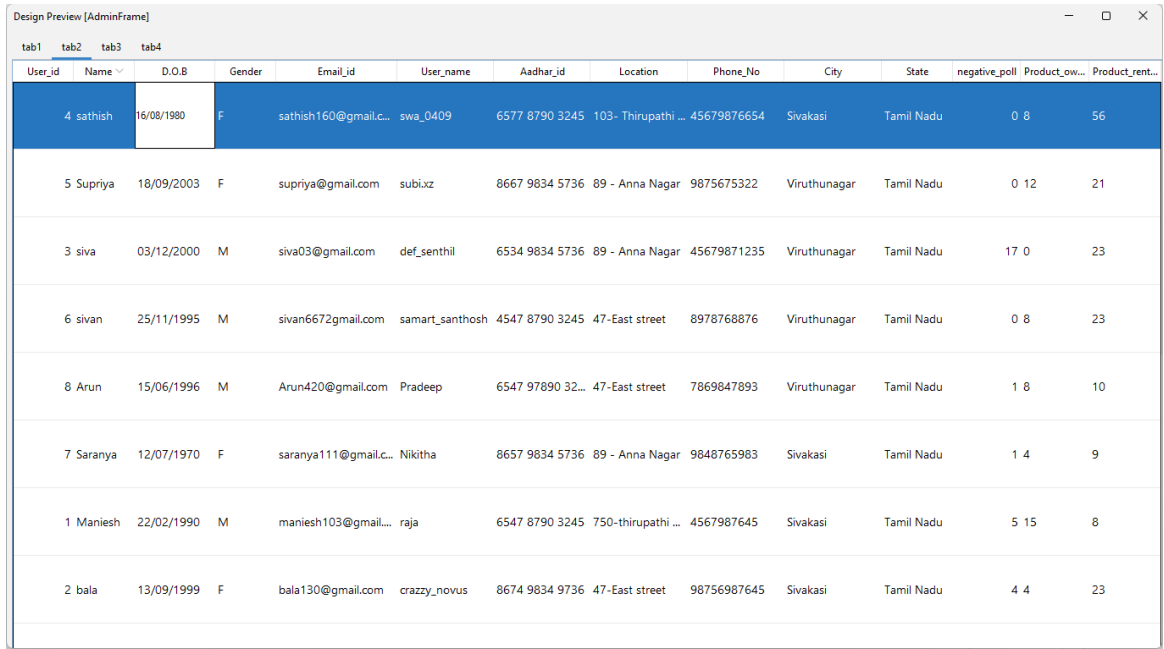
Figure 3.10 provide the interface for Admin to view available users

User_id	Name	D.O.B	Gender	Email_id	User_name	Aadhar_id	Location	Phone_No	City	State	negative_poll	Product_ow...	Product_rent...
4	Swathi	16/08/1980	F	swathi160@gmail.co...	swa_0409	6577 8790 3245	103- Thirupathi ...	45679876654	Sivakasi	Tamil Nadu	0 8	56	
5	Supriya	18/09/2003	F	supriya@gmail.com	subi.kz	8667 9834 5736	89 - Anna Nagar	9875675322	Viruthunagar	Tamil Nadu	0 12	21	
3	Senthil	03/12/2000	M	senthil03@gmail.com	def_senthil	6534 9834 5736	89 - Anna Nagar	45679871235	Viruthunagar	Tamil Nadu	17 0	23	
6	Santhosh	25/11/1995	M	santhosh6672gmail...	samart_santhosh	4547 8790 3245	47-East street	8978768876	Viruthunagar	Tamil Nadu	0 8	23	
8	Pradeep	15/06/1996	M	pradeep420@gmail...	Pradeep	6547 97890 32...	47-East street	7869847893	Viruthunagar	Tamil Nadu	1 8	10	
7	Nikitha	12/07/1970	F	nitkitha111@gmail.c...	Nikitha	8657 9834 5736	89 - Anna Nagar	9848765983	Sivakasi	Tamil Nadu	1 4	9	
1	Maniesh	22/02/1990	M	maniesh103@gmail...	raja	6547 8790 3245	750-thirupathi ...	4567987645	Sivakasi	Tamil Nadu	5 15	8	
2	Devi	13/09/1999	F	devi130@gmail.com	crazy_novus	8674 9834 9736	47-East street	98756987645	Sivakasi	Tamil Nadu	4 4	23	

Figure 3.10: Admin Page 2

3.5.9 Admin page 3

Figure 3.11 provide the interface for Admin to view reported users



The screenshot shows a web application interface for an admin to view reported users. The interface has a header bar with four tabs: 'tab1', 'tab2', 'tab3', and 'tab4'. Below the tabs is a table with the following columns: 'User_id', 'Name', 'D.O.B', 'Gender', 'Email_id', 'User_name', 'Aadhar_id', 'Location', 'Phone_No', 'City', 'State', 'negative_poll', 'Product_ow...', and 'Product_rent...'. The table contains eight rows of user data. The first row is highlighted in blue.

User_id	Name	D.O.B	Gender	Email_id	User_name	Aadhar_id	Location	Phone_No	City	State	negative_poll	Product_ow...	Product_rent...
4	sathish	16/08/1980	F	sathish160@gmail.c...	swa_0409	6577 8790 3245	103- Thirupathi ...	45679876654	Sivakasi	Tamil Nadu	0 8	56	
5	Supriya	18/09/2003	F	supriya@gmail.com	subi.xz	8667 9834 5736	89 - Anna Nagar	9875675322	Viruthunagar	Tamil Nadu	0 12	21	
3	siva	03/12/2000	M	siva03@gmail.com	def_senthil	6534 9834 5736	89 - Anna Nagar	45679871235	Viruthunagar	Tamil Nadu	17 0	23	
6	sivan	25/11/1995	M	sivan6672@gmail.com	samart_santhosh	4547 8790 3245	47-East street	8978768876	Viruthunagar	Tamil Nadu	0 8	23	
8	Arun	15/06/1996	M	Arun420@gmail.com	Pradeep	6547 97890 32...	47-East street	7869847893	Viruthunagar	Tamil Nadu	1 8	10	
7	Saranya	12/07/1970	F	saranya111@gmail.c...	Nikitha	8657 9834 5736	89 - Anna Nagar	9848765983	Sivakasi	Tamil Nadu	1 4	9	
1	Maniesh	22/02/1990	M	maniesh103@gmail....	raja	6547 8790 3245	750-thirupathi ...	4567987645	Sivakasi	Tamil Nadu	5 15	8	
2	bala	13/09/1999	F	bala130@gmail.com	crazy_novus	8674 9834 9736	47-East street	98756987645	Sivakasi	Tamil Nadu	4 4	23	

Figure 3.11: Admin Page 3

CHAPTER 4

SYSTEM IMPLEMENTATION

4.1 LOGIN IMPLEMENTATION

The login credentials are obtained. If the credentials are OK, then the user is redirected to the homepage

GET user name, password

IF userid, password valid

RETURN homepage

ELSE

TOAST Invalid Credential

4.2 SIGNUP IMPLEMENTATION

The form fields are obtained. If they are valid, then the user is added to the database.

GET requestFields

IF requestFields valid

RETURN added to db

ELSE

TOAST enter valid details

4.3 EQUIPMENT RENTING IMPLEMENTATION

The form fields are obtained. If they are valid, then the product details are listed.

GET ProductDetails

IF ProductDetails valid

RETURN details of the rented product

ELSE

TOAST no list to be displayed

CHAPTER 5

RESULTS AND DISCUSSION

5.1 TEST CASES AND RESULTS

5.1.1 Test Cases and Results for Login function:

The Table 5.1, Table 5.2 shows that the possible test data for the both positive and negative test case given below, if the user is already having account then the output is true otherwise false.

Table 5.1: Positive Test Case and result for Login

Test Case ID	TC1
Test Case Description	It tests whether the given login details are valid or not
Test Data	Crazy-Novous,12345678
Expected Output	TRUE
Result	PASS

Table 5.2: Negative Test Case and result for Login

Test Case ID	TC2
Test Case Description	It tests whether the given login details are valid or not
Test Data	Macavity,9490718418
Expected Output	FALSE
Result	PASS

Table 5.3: Positive Test Case and result for Admin Login

Test Case ID	TC3
Test Case Description	It tests whether the given admin login details are valid or not
Test Data	uzhavan,uzhavan
Expected Output	TRUE
Result	PASS

Table 5.4: Negative Test Case and result for Admin Login

Test Case ID	TC4
Test Case Description	It tests whether the given login details are valid or not
Test Data	admin,admin103
Expected Output	FALSE
Result	PASS

CHAPTER 6

CONCLUSION AND FUTURE ENHANCEMENT(S)

The project of “UZHAVAN-EQUIPMENT RENTING SYSTEM” is designed in order to reduce the work of the farmers and the equipment owner maintaining equipment history of rented equipment. Inserting, retrieving and updating the equipment details easy when it is compared to the manual visiting the form. Maintaining the project is also easy which can easily understandable. Maintaining the database is manageable.

APPENDIX – A

SYSTEM REQUIREMENTS

HARDWARE REQUIREMENT:

- Processor: Core i5 processor
- RAM: 4 GB
- CPU: CPU 2.50 GHz

SOFTWARE REQUIREMENT:

- Operating system: Windows 10
- Database: MySql
- Language: Java

APPENDIX – B

SOURCE CODE

```
package loginpage;  
import Admin.AdminFrame;  
import signuptime.SignupForm;  
import dashboard.MainMenu;  
import databaseConnector.DatabaseConnection;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;
```

```

import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import signuppage.SignupForm1;

public class LoginForm extends javax.swing.JFrame {

    DatabaseConnection db;

    public LoginForm(DatabaseConnection db) {
        initComponents();
        this.db = db;
    }

    public static int USERID;

    //function to get total reports in data base
    public String countReport() throws SQLException
    {
        try
        {
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/uzhavan","root","");

            String sql = "Select count(reports) from admin";

            PreparedStatement ps = con.prepareStatement(sql);

            ResultSet rs = ps.executeQuery();

            if(rs.next())
            {
                String COUNT = rs.getString("count(reports)");

                return COUNT;
            }
        }
    }
}

```

```

        catch (SQLException e) {

            Logger.getLogger(LoginForm.class.getName()).log(Level.SEVERE, null, e);

        }

        return null;

    }

    // function to get total rented product from data base

    public String countRentedProduct() throws SQLException

    {

        try

        {

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

            String sql = "Select count(bill_number) from rented_products_details";

            PreparedStatement ps = con.prepareStatement(sql);

            ResultSet rs = ps.executeQuery();

            if(rs.next())

            {

                String COUNT = rs.getString("count(bill_number)");

                return COUNT;

            }

        }

        catch (SQLException e) {

            Logger.getLogger(LoginForm.class.getName()).log(Level.SEVERE, null, e);

        }

        return null;

    }

    // function to get total user from database

    public String countUser() throws SQLException

    {

        try

```

```

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

        String sql = "Select count(user_id) from user";

        PreparedStatement ps = con.prepareStatement(sql);

        ResultSet rs = ps.executeQuery();

        if(rs.next())
        {
            String COUNT = rs.getString("count(user_id)");

            return COUNT;
        }

    }

    catch (SQLException e) {

        Logger.getLogger(LoginForm.class.getName()).log(Level.SEVERE, null, e);

    }

    return null;

}

public static int getUserId()

{

    return USERID;

}

public LoginForm(){

    initComponents();

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

```

```

jLabel1 = new javax.swing.JLabel();
jPanel1 = new javax.swing.JPanel();
jLabel2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
user_tf = new javax.swing.JTextField();
password_tf = new javax.swing.JPasswordField();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jLabel5 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Login Page");
setBackground(new java.awt.Color(255, 255, 255));
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setText("jLabel1");

getContentPane().add(jLabel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 30, 0, 10));

jPanel1.setBackground(new java.awt.Color(204, 255, 255));
jPanel1.setFont(new java.awt.Font("Harrington", 0, 36)); // NOI18N

jLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 1, 36)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText("Login");

jLabel3.setFont(new java.awt.Font("Segoe UI Semibold", 0, 18)); // NOI18N
jLabel3.setText("username:");

```

```

jLabel4.setFont(new java.awt.Font("Segoe UI Semibold", 0, 18)); // NOI18N
jLabel4.setText("Password:");

jButton1.setBackground(new java.awt.Color(134, 63, 243));
jButton1.setFont(new java.awt.Font("Segoe UI Semibold", 0, 24)); // NOI18N
jButton1.setText("LOGIN");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setBackground(new java.awt.Color(56, 14, 189));
jButton2.setFont(new java.awt.Font("Segoe UI Semibold", 0, 24)); // NOI18N
jButton2.setText("SIGN UP");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jLabel5.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
jLabel5.setText("Or sign up :");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(

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

```

```

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

        .addGap(81, 81, 81)

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

        .addComponent(jLabel3)

        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,
123, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(user_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 191,
Short.MAX_VALUE)

        .addComponent(password_tf))

        .addGap(27, 27, 27))

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

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

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

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

            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE,
133, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(142, 142, 142))

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

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

```



```

        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 352,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 348,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(42, 42, 42))))

    .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(88, 88, 88)

        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 179,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

    );

    jPanel1Layout.setVerticalGroup(

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

        .addGroup(jPanel1Layout.createSequentialGroup())

            .addGap(46, 46, 46)

            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(41, 41, 41)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
SELINE)

            .addComponent(jLabel3)

            .addComponent(user_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(31, 31, 31)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
SELINE)

            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(password_tf,
javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
47, Short.MAX_VALUE)

        .addComponent(jButton1)

        .addGap(18, 18, 18)

        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(jButton2)

        .addGap(71, 71, 71))

);

```

```

        getContentPane().add(jPanel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(280, 30, 450, 530));

```

```

        setSize(new java.awt.Dimension(1041, 647));
        setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        String username = user_tf.getText();
        String password = password_tf.getText();
        if("uzhavan".equals(username))
        {
            if("uzhavan".equals(password))
            {
                AdminFrame admin = new AdminFrame();
                admin.setVisible(true);
            }
        }
    }
}

```

```

        String USER_COUNT = countUser();

        String REPORT = countReport();

        String PRODUCT = countRentedProduct();

        admin.rented_Product_count.setText(PRODUCT);

        admin.report_Count_1.setText(REPORT);

        admin.user_Count_1.setText(USER_COUNT);

        this.dispose();

        USERID = 0 ;//userid - 0 represents admin
    }
}
else
{
    Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/uzhavan","root","");

    Statement stmt = con.createStatement();

    String sql = "SELECT * from user where username='"+username+"'and
password='"+password+"'";

    ResultSet rs = stmt.executeQuery(sql);

    if(rs.next())
    {
        MainMenu home = new MainMenu();

        home.setVisible(true);

        this.dispose();

        // String query = "SELECT * from user";

        ResultSet rs1 = stmt.executeQuery(sql);

        rs1.next();

        USERID = rs1.getInt(1);

        System.out.println(USERID);

    }
}
else

```

```

        {
            JOptionPane.showMessageDialog(this,"Username or password
wrong","Error",JOptionPane.ERROR_MESSAGE);

            user_tf.setText("");
            password_tf.setText("");
        }
    }

} catch (SQLException e) {

    Logger.getLogger(LoginForm.class.getName()).log(Level.SEVERE, null, e);
}

}

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

    // TODO add your handling code here:

    SignupForm1 signup = new SignupForm1(db);

    signup.setVisible(true);

    this.dispose();

}

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(LoginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

    }
}
//</editor-fold>
//</editor-fold>

DatabaseConnection db = new DatabaseConnection();

db.start();

/* Create and display the form */
java.awt.EventQueue.invokeLater(() -> {
    new LoginForm(db).setVisible(true);
});
}

```

Package Signupform.java

```

package signuptime;

import databaseConnector.DatabaseConnection;
import java.awt.Color;
import java.awt.event.ActionEvent;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import loginpage.LoginForm;

public class SignupForm1 extends javax.swing.JFrame {

    /**
     * Creates new form signupform
     */
    private int userId;
    private DatabaseConnection db;

    public SignupForm1(DatabaseConnection db) {
        initComponents();
        userId = 1;
        this.db = db;
    }

    /**

```

```

* 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() {

    buttonGroup1 = new javax.swing.ButtonGroup();
    jScrollPane2 = new javax.swing.JScrollPane();
    jPanel2 = new javax.swing.JPanel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jSeparator2 = new javax.swing.JSeparator();
    jSeparator3 = new javax.swing.JSeparator();
    jSeparator4 = new javax.swing.JSeparator();
    jSeparator5 = new javax.swing.JSeparator();
    jSeparator1 = new javax.swing.JSeparator();
    password_tf = new javax.swing.JPasswordField();
    jLabel8 = new javax.swing.JLabel();
    jSeparator6 = new javax.swing.JSeparator();
    jSeparator7 = new javax.swing.JSeparator();
    jSeparator8 = new javax.swing.JSeparator();
    jSeparator9 = new javax.swing.JSeparator();
    jSeparator10 = new javax.swing.JSeparator();
    Name_tf = new javax.swing.JTextField();

```

```

userName_tf = new javax.swing.JTextField();
mailId_tf = new javax.swing.JTextField();
phoneNumber_tf = new javax.swing.JTextField();
jTextField11 = new javax.swing.JTextField();
jTextField12 = new javax.swing.JTextField();
jTextField13 = new javax.swing.JTextField();
jTextField14 = new javax.swing.JTextField();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton2 = new javax.swing.JRadioButton();
jPanel3 = new javax.swing.JPanel();
jLabel15 = new javax.swing.JLabel();
jLabel14 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jPanel4 = new javax.swing.JPanel();
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setBackground(new java.awt.Color(255, 255, 255));

jScrollPane2.setBackground(new java.awt.Color(255, 255, 70));

```



```

jScrollPane2.setBorder(null);

jScrollPane2.setHorizontalScrollBarPolicy(javax.swing.ScrollPaneConstants.HORIZONTAL_SCROLLBAR_NEVER);


jPanel2.setBackground(new java.awt.Color(255, 255, 255));


jScrollPane1.setHorizontalScrollBarPolicy(javax.swing.ScrollPaneConstants.HORIZONTAL_SCROLLBAR_NEVER);

jScrollPane1.setViewportBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));

jScrollPane1.setPreferredSize(new java.awt.Dimension(200, 200));


jPanel1.setBackground(new java.awt.Color(255, 255, 255));

jPanel1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 3, true));

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());


jLabel2.setFont(new java.awt.Font("Segoe UI Semibold", 1, 36)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText("Signup");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 10, 180, -1));


jButton1.setBackground(new java.awt.Color(1, 65, 110));
jButton1.setFont(new java.awt.Font("Microsoft JhengHei", 1, 24)); // NOI18N
jButton1.setText("LOGIN");
jButton1.setHorizontalTextPosition(javax.swing.SwingConstants.LEFT);
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

```

```

    }

});

jPanel1.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 720,
128, 37));

jButton2.setBackground(new java.awt.Color(1, 65, 110));
jButton2.setFont(new java.awt.Font("Microsoft JhengHei", 1, 24)); // NOI18N
jButton2.setText("SIGNUP");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jPanel1.add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 720, -
1, 37));

jSeparator2.setBackground(new java.awt.Color(0, 11, 5));
jSeparator2.setForeground(new java.awt.Color(11, 1, 1));
jPanel1.add(jSeparator2, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
124, 446, -1));

jSeparator3.setBackground(new java.awt.Color(0, 11, 5));
jSeparator3.setForeground(new java.awt.Color(11, 1, 1));
jPanel1.add(jSeparator3, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
176, 446, 9));

jSeparator4.setBackground(new java.awt.Color(0, 11, 5));
jSeparator4.setForeground(new java.awt.Color(11, 1, 1));
jPanel1.add(jSeparator4, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
232, 446, 7));

```

```
jSeparator5.setBackground(new java.awt.Color(0, 11, 5));  
jSeparator5.setForeground(new java.awt.Color(11, 1, 1));  
jPanel1.add(jSeparator5, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,  
286, 446, -1));
```

```
jSeparator1.setBackground(new java.awt.Color(68, 6, 6));  
jSeparator1.setForeground(new java.awt.Color(41, 6, 6));  
jPanel1.add(jSeparator1, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,  
360, 446, 22));
```

```
password_tf.setForeground(new java.awt.Color(153, 153, 153));  
password_tf.setText("Password");  
password_tf.setBorder(null);  
password_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusGained(java.awt.event.FocusEvent evt) {  
        password_tfFocusGained(evt);  
    }  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        password_tfFocusLost(evt);  
    }  
});  
jPanel1.add(password_tf, new org.netbeans.lib.awtextra.AbsoluteConstraints(30,  
320, 430, 35));
```

```
jLabel8.setFont(new java.awt.Font("Segoe UI Semibold", 1, 18)); // NOI18N  
jLabel8.setText("Gender:");  
jPanel1.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(29, 661, 83,  
27));
```

```
jSeparator6.setBackground(new java.awt.Color(14, 13, 13));  
jSeparator6.setForeground(new java.awt.Color(18, 17, 17));
```

```
jPanel1.add(jSeparator6, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
441, 446, 11));
```

```
jSeparator7.setBackground(new java.awt.Color(23, 20, 20));
```

```
jSeparator7.setForeground(new java.awt.Color(24, 22, 22));
```

```
jPanel1.add(jSeparator7, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
506, 446, 10));
```

```
jSeparator8.setBackground(new java.awt.Color(19, 16, 16));
```

```
jSeparator8.setForeground(new java.awt.Color(24, 22, 22));
```

```
jPanel1.add(jSeparator8, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
572, 446, 10));
```

```
jSeparator9.setBackground(new java.awt.Color(18, 15, 15));
```

```
jSeparator9.setForeground(new java.awt.Color(5, 4, 4));
```

```
jPanel1.add(jSeparator9, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
641, 446, 10));
```

```
jSeparator10.setBackground(new java.awt.Color(13, 12, 12));
```

```
jSeparator10.setForeground(new java.awt.Color(10, 9, 9));
```

```
jPanel1.add(jSeparator10, new org.netbeans.lib.awtextra.AbsoluteConstraints(21,
695, 446, 10));
```

```
Name_tf.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
```

```
Name_tf.setForeground(new java.awt.Color(153, 153, 153));
```

```
Name_tf.setHorizontalAlignment(javax.swing.JTextField.LEFT);
```

```
Name_tf.setText("Name");
```

```
Name_tf.setBorder(null);
```

```
Name_tf.addFocusListener(new java.awt.event.FocusAdapter() {
```

```
    public void focusGained(java.awt.event.FocusEvent evt) {
```

```
        Name_tfFocusGained(evt);
```

```

    }

    public void focusLost(java.awt.event.FocusEvent evt) {
        Name_tfFocusLost(evt);
    }

});

jPanel1.add(Name_tf, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 80,
430, 35));

```

```

userName_tf.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
userName_tf.setForeground(new java.awt.Color(153, 153, 153));
userName_tf.setHorizontalAlignment(javax.swing.JTextField.LEFT);
userName_tf.setText("User Name");
userName_tf.setBorder(null);
userName_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        userName_tfFocusGained(evt);
    }

    public void focusLost(java.awt.event.FocusEvent evt) {
        userName_tfFocusLost(evt);
    }

});

jPanel1.add(userName_tf, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
140, 430, 35));

```

```

mailId_tf.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
mailId_tf.setForeground(new java.awt.Color(153, 153, 153));
mailId_tf.setHorizontalAlignment(javax.swing.JTextField.LEFT);
mailId_tf.setText("Mail-Id");
mailId_tf.setBorder(null);
mailId_tf.addFocusListener(new java.awt.event.FocusAdapter() {

```

```

    public void focusGained(java.awt.event.FocusEvent evt) {
        mailId_tfFocusGained(evt);
    }

    public void focusLost(java.awt.event.FocusEvent evt) {
        mailId_tfFocusLost(evt);
    }
});

mailId_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        mailId_tfActionPerformed(evt);
    }
});

jPanel1.add(mailId_tf, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 190,
430, 35));

phoneNumber_tf.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
phoneNumber_tf.setForeground(new java.awt.Color(153, 153, 153));
phoneNumber_tf.setHorizontalAlignment(javax.swing.JTextField.LEFT);
phoneNumber_tf.setText("Phone Number");
phoneNumber_tf.setBorder(null);
phoneNumber_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        phoneNumber_tfFocusGained(evt);
    }

    public void focusLost(java.awt.event.FocusEvent evt) {
        phoneNumber_tfFocusLost(evt);
    }
});

jPanel1.add(phoneNumber_tf, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 240, 430, 35));

```

```

jTextField11.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
jTextField11.setForeground(new java.awt.Color(153, 153, 153));
jTextField11.setHorizontalAlignment(javax.swing.JTextField.LEFT);
jTextField11.setText("Location");
jTextField11.setBorder(null);
jTextField11.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField11FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField11FocusLost(evt);
    }
});
jPanel1.add(jTextField11, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
400, 430, 35));

```

```

jTextField12.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
jTextField12.setForeground(new java.awt.Color(153, 153, 153));
jTextField12.setHorizontalAlignment(javax.swing.JTextField.LEFT);
jTextField12.setText("City");
jTextField12.setBorder(null);
jTextField12.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField12FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField12FocusLost(evt);
    }
});

```

```
jPanel1.add(jTextField12, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 530, 430, 35));
```

```
jTextField13.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
jTextField13.setForeground(new java.awt.Color(153, 153, 153));
jTextField13.setHorizontalAlignment(javax.swing.JTextField.LEFT);
jTextField13.setText("State");
jTextField13.setBorder(null);
jTextField13.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField13FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField13FocusLost(evt);
    }
});
```

```
jPanel1.add(jTextField13, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 610, 420, 35));
```

```
jTextField14.setFont(new java.awt.Font("Microsoft YaHei", 0, 18)); // NOI18N
jTextField14.setForeground(new java.awt.Color(153, 153, 153));
jTextField14.setHorizontalAlignment(javax.swing.JTextField.LEFT);
jTextField14.setText("Aadhar id");
jTextField14.setBorder(null);
jTextField14.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        jTextField14FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        jTextField14FocusLost(evt);
    }
});
```



```

    }
});

jTextField14.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField14ActionPerformed(evt);
    }
});

jPanel1.add(jTextField14, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
470, 450, 35));

buttonGroup1.add(jRadioButton1);

jRadioButton1.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
jRadioButton1.setText("male");

jPanel1.add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(170,
660, 120, 30));

buttonGroup1.add(jRadioButton2);

jRadioButton2.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
jRadioButton2.setText("female");

jPanel1.add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(310,
661, -1, 30));

jScrollPane1.setViewportView(jPanel1);

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(0, 0, 0)

```

```

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
493, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(253, Short.MAX_VALUE))

);

jPanel2Layout.setVerticalGroup(

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

    .addGroup(jPanel2Layout.createSequentialGroup()

        .addContainerGap()

            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
866, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

    );

jScrollPane2.setViewportViewView(jPanel2);

jPanel3.setBackground(new java.awt.Color(255, 255, 255));
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel15.setBackground(new java.awt.Color(255, 255, 255,50));
jLabel15.setFont(new java.awt.Font("Yu Gothic Medium", 0, 36)); // NOI18N
jLabel15.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel15.setText("Sign In Form");
jLabel15.setOpaque(true);

jPanel3.add(jLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 610,
330, 80));

jLabel14.setBackground(new java.awt.Color(255, 255, 255,50));

jLabel14.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/durai.png"))); // NOI18N

jLabel14.setOpaque(true);

```

```

jLabel14.setPreferredSize(new java.awt.Dimension(40, 40));

jPanel3.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 0,
390, 230));

jLabel12.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/12_13_2022 7_19_04 .png")));
// NOI18N

jPanel3.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 240,
590, 310));

jLabel13.setBackground(new java.awt.Color(255, 255, 255,50));

jLabel13.setFont(new java.awt.Font("Perpetua Titling MT", 1, 36)); // NOI18N

jLabel13.setText("Welcome to UZHAVAN -ERA");

jLabel13.setOpaque(true);

jPanel3.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 540,
590, 80));

jLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at
07.26.22.jpg"))); // NOI18N

jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -14, 420,
260));

jLabel3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at
07.26.22.jpg"))); // NOI18N

jPanel3.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(416, 0, 390,
240));

jLabel4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at
07.26.22.jpg"))); // NOI18N

jPanel3.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 210,
120, 380));

```

```
jLabel5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at  
07.26.22.jpg"))); // NOI18N
```

```
jLabel5.setOpaque(true);
```

```
jPanel3.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(716, 242,  
90, -1));
```

```
jLabel6.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at  
07.26.22.jpg"))); // NOI18N
```

```
jPanel3.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 550,  
610, 210));
```

```
jLabel7.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at  
07.26.22.jpg"))); // NOI18N
```

```
jPanel3.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(616, 548,  
190, 210));
```

```
jPanel4.setBackground(new java.awt.Color(255, 255, 255));
```

```
jLabel9.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at  
07.26.22.jpg"))); // NOI18N
```

```
jLabel10.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at  
07.26.22.jpg"))); // NOI18N
```

```
jLabel11.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/Images/WhatsApp Image 2022-12-13 at  
07.26.22.jpg"))); // NOI18N
```

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

```
jPanel4.setLayout(jPanel4Layout);
```

```
jPanel4Layout.setHorizontalGroup(
```

```

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel4Layout.createSequentialGroup()

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

    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE,
92, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE,
92, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(0, 12, Short.MAX_VALUE))

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

    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE)

    .addContainerGap())

);

jPanel4Layout.setVerticalGroup(

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

    .addGroup(jPanel4Layout.createSequentialGroup()

    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 267,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 267,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(0, 0, 0)

    .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 201,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(0, 0, Short.MAX_VALUE))

);

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

```

```

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

            .addGap(0, 0, 0)

            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

            .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
505, javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(0, 0, 0)

            .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

        );

layout.setVerticalGroup(

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

        .addGroup(layout.createSequentialGroup()

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                .addComponent(jPanel3, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addComponent(jScrollPane2,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE))

            .addContainerGap())

            .addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        );

pack();

```

```

        setLocationRelativeTo(null);
    }// </editor-fold>

    private void jPasswordField8ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jPasswordField7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jPasswordField6ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jPasswordField5ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String name = Name_tf.getText();
        Name_tf.setText("");
        String userName = userName_tf.getText();
        userName_tf.setText("");
        String mailId = mailId_tf.getText();
        mailId_tf.setText("");
        String phoneNumber = phoneNumber_tf.getText();
        phoneNumber_tf.setText("");
    }

```

```

String password = password_tf.getText();

password_tf.setText("");

int id = userId;

if(name != null && !name.isEmpty() && userName != null &&
!userName.isEmpty() && mailId !=null && !mailId.isEmpty()

    && phoneNumber !=null && !phoneNumber.isEmpty()

    && password !=null && !password.isEmpty()){
    try{

        Connection connection = db.getConnection();

        //          Statement statement = connection.createStatement();

        String sqlQuery = "INSERT INTO `user`(`name`, `username`, `emailid`,
`phonenumner`, `password`, `userid`) VALUES (?, ?, ?, ?, ?, ?)";

        PreparedStatement preparedStatement =
connection.prepareStatement(sqlQuery);

        preparedStatement.setString(1, name);
        preparedStatement.setString(2, userName);
        preparedStatement.setString(3, mailId);
        preparedStatement.setString(4, phoneNumber);
        preparedStatement.setString(5, password);
        preparedStatement.setInt(6, id);
        preparedStatement.execute();

        this.userId+=1;

        JFrame frame = new JFrame();

        JOptionPane.showMessageDialog(frame,"User is successfully
created","Success",JOptionPane.INFORMATION_MESSAGE);

    }catch(Exception e){

        JFrame frame = new JFrame();

        JOptionPane.showMessageDialog(frame,"Unable to create new
user","Error",JOptionPane.ERROR_MESSAGE);

```



```

    }

}

else{

    JFrame frame = new JFrame();

    JOptionPane.showMessageDialog(frame,"Please fill all
fields!","Warning",JOptionPane.WARNING_MESSAGE);

}

}

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

    // TODO add your handling code here:

    LoginForm loginForm = new LoginForm();

    loginForm.setVisible(true);

    this.dispose();

}

private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

}

private void jPasswordField1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

}

private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

}

private void Name_tfFocusGained(java.awt.event.FocusEvent evt) {

```

```

// TODO add your handling code here:

if(Name_tf.getText().equals("Name"))
{
    Name_tf.setText("");
    Name_tf.setForeground(new Color(0,0,0));
}
}

private void Name_tfFocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(Name_tf.getText().equals(""))
    {
        Name_tf.setText("Name");
        Name_tf.setForeground(new Color(153,153,153));
    }
}

private void userName_tfFocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(userName_tf.getText().equals("User Name"))
    {
        userName_tf.setText("");
        userName_tf.setForeground(new Color(0,0,0));
    }
}

private void userName_tfFocusLost(java.awt.event.FocusEvent evt) {

```

```

// TODO add your handling code here:
if(userName_tf.getText().equals(""))
{
    userName_tf.setText("User Name");
    userName_tf.setForeground(new Color(153,153,153));
}
}

private void mailId_tfFocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(mailId_tf.getText().equals(""))
    {
        mailId_tf.setText("Mail-id");
        mailId_tf.setForeground(new Color(153,153,153));
    }
}

private void phoneNumber_tfFocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(phoneNumber_tf.getText().equals(""))
    {
        phoneNumber_tf.setText("Phone Number");
        phoneNumber_tf.setForeground(new Color(153,153,153));
    }
}

private void password_tfFocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(password_tf.getText().equals(""))

```

```

    {
        password_tf.setText("Password");
        password_tf.setForeground(new Color(153,153,153));
    }
}

private void jTextField11FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField11.getText().equals(""))
    {
        jTextField11.setText("Location");
        jTextField11.setForeground(new Color(153,153,153));
    }
}

private void jTextField12FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField12.getText().equals(""))
    {
        jTextField12.setText("City");
        jTextField12.setForeground(new Color(153,153,153));
    }
}

private void jTextField13FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField13.getText().equals(""))
    {
        jTextField13.setText("State");
    }
}

```

```
        jTextField13.setForeground(new Color(153,153,153));
    }
}
```

```
private void jTextField14FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField14.getText().equals(""))
    {
        jTextField14.setText("Aadhar id");
        jTextField14.setForeground(new Color(153,153,153));
    }
}
```

```
private void jTextField14ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void mailId_tfFocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(mailId_tf.getText().equals("Mail-Id"))
    {
        mailId_tf.setText("");
        mailId_tf.setForeground(new Color(0,0,0));
    }
}
```

```
private void mailId_tfActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void phoneNumber_tfFocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(phoneNumber_tf.getText().equals("Phone Number"))
    {
        phoneNumber_tf.setText("");
        phoneNumber_tf.setForeground(new Color(0,0,0));
    }
}
```

```
private void password_tfFocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(password_tf.getText().equals("Password"))
    {
        password_tf.setText("");
        password_tf.setForeground(new Color(0,0,0));
    }
}
```

```
private void jTextField11FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField11.getText().equals("Location"))
    {
        jTextField11.setText("");
        jTextField11.setForeground(new Color(0,0,0));
    }
}
```

```
private void jTextField12FocusGained(java.awt.event.FocusEvent evt) {
```

```

// TODO add your handling code here:
if(jTextField12.getText().equals("City"))
{
    jTextField12.setText("");
    jTextField12.setForeground(new Color(0,0,0));
}
}

private void jTextField13FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField13.getText().equals("State"))
    {
        jTextField13.setText("");
        jTextField13.setForeground(new Color(0,0,0));
    }
}

private void jTextField14FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(jTextField14.getText().equals("Aadhar id"))
    {
        jTextField14.setText("");
        jTextField14.setForeground(new Color(0,0,0));
    }
}

/**
 * @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(signupform.class.getName()).log(java.util.logging.Le
// vel.SEVERE, null, ex);
//     } catch (InstantiationException ex) {
//
//     java.util.logging.Logger.getLogger(signupform.class.getName()).log(java.util.logging.Le
// vel.SEVERE, null, ex);
//     } catch (IllegalAccessException ex) {
//
//     java.util.logging.Logger.getLogger(signupform.class.getName()).log(java.util.logging.Le
// vel.SEVERE, null, ex);
//     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
//
//     java.util.logging.Logger.getLogger(signupform.class.getName()).log(java.util.logging.Le
// vel.SEVERE, null, ex);
//     }
// }

```



```
//    //</editor-fold>
//
//    /* Create and display the form */
//    java.awt.EventQueue.invokeLater(new Runnable() {
//        public void run() {
//            new signupform().setVisible(true);
//        }
//    });
// }
```

```
// Variables declaration - do not modify
private javax.swing.JTextField Name_tf;
private javax.swing.ButtonGroup buttonGroup1;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
```

```

private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JRadioButton jButton1;
private javax.swing.JRadioButton jButton2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JSeparator jSeparator10;
private javax.swing.JSeparator jSeparator2;
private javax.swing.JSeparator jSeparator3;
private javax.swing.JSeparator jSeparator4;
private javax.swing.JSeparator jSeparator5;
private javax.swing.JSeparator jSeparator6;
private javax.swing.JSeparator jSeparator7;
private javax.swing.JSeparator jSeparator8;
private javax.swing.JSeparator jSeparator9;
private javax.swing.JTextField jTextField11;
private javax.swing.JTextField jTextField12;
private javax.swing.JTextField jTextField13;
private javax.swing.JTextField jTextField14;
private javax.swing.JTextField mailId_tf;
private javax.swing.JPasswordField password_tf;
private javax.swing.JTextField phoneNumber_tf;
private javax.swing.JTextField userName_tf;

// End of variables declaration
}

```

```
package mainmenu.java
```

```
package dashboard;
```

```
import java.awt.Image;
import java.io.*;
//import static java.awt.Image.SCALE_SMOOTH;
import java.io.File;
import javax.swing.ImageIcon;
import javax.swing.JFileChooser;
import java.sql.*;
import java.sql.DriverManager;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import Contentpanel.ItemDisplay;
//import static Contentpanel.ItemDisplay.p1;
//import com.raven.swing.PanelItem;
import java.awt.Color;
//import javax.swing.JButton;
//import javax.swing.table.DefaultTableModel;
import loginpage.LoginForm;

/**
 *
 * @author Durai
 */
```

```

public class MainMenu extends javax.swing.JFrame {

    String s;

    /**
     * Creates new form MainMenu
     */

    void LoadProduct(String sql)

    {
        ItemDisplay a[] = new ItemDisplay[100];
        int i =0;

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

            Statement stmt = con.createStatement();

            ResultSet rs = stmt.executeQuery(sql);
            while(rs.next())
            {
                a[i] = new ItemDisplay();
                byte[] img = rs.getBytes(4);
                ImageIcon image = new ImageIcon(img);
                Image in = image.getImage();
                Image myImg = in.getScaledInstance(319,178, Image.SCALE_SMOOTH);
                ImageIcon newImage = new ImageIcon(myImg);
                a[i].photo.setIcon(newImage);
            }
        }
    }
}

```

```

        a[i].name.setText(rs.getString(3));
        a[i].productname.setText(rs.getString(3));
        a[i].description.setText(rs.getString(8));
        panelItem1.add(a[i]);
        panelItem1.validate();
        a[i].instruction = rs.getString(7);
        a[i].minrate = rs.getString(5);
        a[i].maxrate = rs.getString(6);
        a[i].USERIDPRODUCT = rs.getInt(2);
        //System.out.println(a[i].USERIDPRODUCT+ "this");

        i++;
    }
}

catch(Exception ex)
{
    JOptionPane.showMessageDialog(null, "data not inserted");
    ex.printStackTrace();

}

}

public MainMenu() {
    initComponents();

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

```

```

    } catch (ClassNotFoundException ex) {
        Logger.getLogger(MainMenu.class.getName()).log(Level.SEVERE, null, ex);
        System.out.println("error");
    }

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

    JOptionPane.showMessageDialog(null,"Connected");
}
catch(SQLException e)
{
    JOptionPane.showMessageDialog(null,"Not Connected");
}

}

/**
 * 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() {

    buttonGroup1 = new javax.swing.ButtonGroup();
    buttonGroup2 = new javax.swing.ButtonGroup();
    home_jPanel = new javax.swing.JPanel();
    jPanel1 = new javax.swing.JPanel();
    jPanel3 = new javax.swing.JPanel();

```

```
jLabel1 = new javax.swing.JLabel();
search_jPanel = new javax.swing.JPanel();
jLabel2 = new javax.swing.JLabel();
jButton8 = new javax.swing.JButton();
jTabbedPane1 = new javax.swing.JTabbedPane();
jPanel21 = new javax.swing.JPanel();
jButton3 = new javax.swing.JButton();
jButton9 = new javax.swing.JButton();
jButton10 = new javax.swing.JButton();
jButton11 = new javax.swing.JButton();
jButton12 = new javax.swing.JButton();
jButton13 = new javax.swing.JButton();
jPanel18 = new javax.swing.JPanel();
jLabel7 = new javax.swing.JLabel();
jPanel19 = new javax.swing.JPanel();
jPanel17 = new javax.swing.JPanel();
jPanel20 = new javax.swing.JPanel();
jLabel8 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
minrate_t2 = new javax.swing.JTextField();
model_t1 = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
jScrollPane2 = new javax.swing.JScrollPane();
instruction_t4 = new javax.swing.JTextArea();
jScrollPane3 = new javax.swing.JScrollPane();
description_t5 = new javax.swing.JTextArea();
```

```

img_text = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton3 = new javax.swing.JRadioButton();
img = new javax.swing.JLabel();
jLabel14 = new javax.swing.JLabel();
maxrate_t3 = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
productname_tf = new javax.swing.JComboBox<>();
jSeparator1 = new javax.swing.JSeparator();
jScrollPane1 = new javax.swing.JScrollPane();
panelItem1 = new Layout.PanelItem();
dashBoard_jPanel = new javax.swing.JPanel();
home_jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();
jButton5 = new javax.swing.JButton();
jLabel3 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
getContentPane().setLayout(null);

home_jPanel.setBackground(new java.awt.Color(0, 255, 204));
home_jPanel.setLayout(null);

jPanel1.setBackground(new java.awt.Color(255, 204, 204));
jPanel1.setLayout(null);

jLabel1.setText("logo space");

```



```

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(75, 75, 75)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 123,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(111, Short.MAX_VALUE))
    );
jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(19, Short.MAX_VALUE)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0))
    );

jPanel1.add(jPanel3);
jPanel3.setBounds(25, 6, 309, 55);

jLabel2.setText("search box space");

javax.swing.GroupLayout search_jPanelLayout = new
javax.swing.GroupLayout(search_jPanel);
search_jPanel.setLayout(search_jPanelLayout);
search_jPanelLayout.setHorizontalGroup(

```

```
search_jPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(search_jPanelLayout.createSequentialGroup())
```

```
    .addGap(111, 111, 111)
```

```
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 159,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addContainerGap(380, Short.MAX_VALUE))
```

```
);
```

```
search_jPanelLayout.setVerticalGroup(
```

```
search_jPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(search_jPanelLayout.createSequentialGroup())
```

```
    .addContainerGap()
```

```
    .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 43,  
Short.MAX_VALUE)
```

```
    .addContainerGap())
```

```
);
```

```
jPanel1.add(search_jPanel);
```

```
search_jPanel.setBounds(410, 0, 650, 55);
```

```
jButton8.setText("Logout");
```

```
jButton8.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jButton8ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jPanel1.add(jButton8);
```

```
jButton8.setBounds(1130, 0, 180, 50);
```

```

home_jPanel.add(jPanel1);

jPanel1.setBounds(0, 0, 1390, 60);


jPanel21.setBackground(new java.awt.Color(204, 255, 204));

jPanel21.setLayout(null);


jButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/interCropCultivator.jpg"))); //
NOI18N

jButton3.setText("load");

jButton3.setPreferredSize(new java.awt.Dimension(75, 23));

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

        jButton3ActionPerformed(evt);

    }

});

jPanel21.add(jButton3);

jButton3.setBounds(720, 50, 230, 230);


jButton9.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/drone.jpeg"))); // NOI18N

jButton9.setOpaque(true);

jButton9.addActionListener(new java.awt.event.ActionListener() {

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

        jButton9ActionPerformed(evt);

    }

});

jPanel21.add(jButton9);

jButton9.setBounds(50, 50, 230, 230);

```

```

        jButton10.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/brushcutter.jpg"))); // NOI18N
        jButton10.setText("load");
        jButton10.setPreferredSize(new java.awt.Dimension(75, 23));
        jButton10.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton10ActionPerformed(evt);
            }
        });
        jPanel21.add(jButton10);
        jButton10.setBounds(360, 50, 230, 230);

```

```

        jButton11.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/stroke.jpg"))); // NOI18N
        jButton11.setText("jButton11");
        jButton11.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton11ActionPerformed(evt);
            }
        });
        jPanel21.add(jButton11);
        jButton11.setBounds(30, 370, 230, 230);

```

```

        jButton12.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/pump.jpg"))); // NOI18N
        jButton12.setText("jButton12");
        jButton12.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton12ActionPerformed(evt);
            }
        });

```

```

jPanel21.add(jButton12);

jButton12.setBounds(360, 370, 230, 230);

jButton13.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/trackter.jpg"))); // NOI18N
jButton13.setText("jButton13");
jButton13.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton13ActionPerformed(evt);
    }
});
jPanel21.add(jButton13);
jButton13.setBounds(720, 370, 230, 230);

jTabbedPane1.addTab("home", jPanel21);

jPanel18.setBackground(new java.awt.Color(255, 255, 51));

jLabel7.setFont(new java.awt.Font("Segoe UI", 0, 48)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel7.setText("help");

javax.swing.GroupLayout jPanel18Layout = new
javax.swing.GroupLayout(jPanel18);
jPanel18.setLayout(jPanel18Layout);
jPanel18Layout.setHorizontalGroup(

jPanel18Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel18Layout.createSequentialGroup()
        .addGap(232, 232, 232)

```

```

        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 274,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(564, Short.MAX_VALUE))

    );

    jPanel18Layout.setVerticalGroup(

jPanel18Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel18Layout.createSequentialGroup()

            .addGap(214, 214, 214)

                .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 68,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addContainerGap(427, Short.MAX_VALUE))

        );

    jTabbedPane1.addTab("help", jPanel18);

    jPanel19.setBackground(new java.awt.Color(0, 51, 51));

    javax.swing.GroupLayout jPanel19Layout = new
javax.swing.GroupLayout(jPanel19);

    jPanel19.setLayout(jPanel19Layout);

    jPanel19Layout.setHorizontalGroup(

jPanel19Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGap(0, 1070, Short.MAX_VALUE)

    );

    jPanel19Layout.setVerticalGroup(

jPanel19Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGap(0, 709, Short.MAX_VALUE)

    );

```

```

jTabbedPane1.addTab("policy", jPanel19);

jPanel17.setBackground(new java.awt.Color(255, 204, 153));

javax.swing.GroupLayout jPanel17Layout = new
javax.swing.GroupLayout(jPanel17);
jPanel17.setLayout(jPanel17Layout);
jPanel17Layout.setHorizontalGroup(

jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGap(0, 1070, Short.MAX_VALUE)
);
jPanel17Layout.setVerticalGroup(

jPanel17Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGap(0, 709, Short.MAX_VALUE)
);

jTabbedPane1.addTab("settings", jPanel17);

jPanel20.setBackground(new java.awt.Color(204, 255, 255));
jPanel20.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0),
1, true));
jPanel20.setPreferredSize(new java.awt.Dimension(1080, 704));

jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 36)); // NOI18N
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel8.setText("Details of new Product ");

jLabel8.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1, new
java.awt.Color(0, 51, 0)));

```

```

jLabel9.setFont(new java.awt.Font("Microsoft YaHei UI", 1, 20)); // NOI18N
jLabel9.setText(" Model Number :");

jLabel10.setFont(new java.awt.Font("Microsoft YaHei", 1, 20)); // NOI18N
jLabel10.setText("Minimum-Rate :");

jLabel11.setFont(new java.awt.Font("Microsoft YaHei", 1, 20)); // NOI18N
jLabel11.setText("Operator      :");

jLabel12.setFont(new java.awt.Font("Microsoft YaHei", 1, 20)); // NOI18N
jLabel12.setText("Instruction   :");

minrate_t2.setFont(new java.awt.Font("Bahnschrift", 0, 24)); // NOI18N
minrate_t2.setForeground(new java.awt.Color(153, 153, 135));
minrate_t2.setHorizontalAlignment(javax.swing.JTextField.CENTER);
minrate_t2.setText("Minium fixed rate");
minrate_t2.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
minrate_t2.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        minrate_t2FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        minrate_t2FocusLost(evt);
    }
});

model_t1.setFont(new java.awt.Font("Bahnschrift", 0, 24)); // NOI18N
model_t1.setForeground(new java.awt.Color(153, 153, 135));
model_t1.setHorizontalAlignment(javax.swing.JTextField.CENTER);

```



```

model_t1.setText("AB2022VL0967");

model_t1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0,
0), 1, true));

model_t1.setCursor(new java.awt.Cursor(java.awt.Cursor.TEXT_CURSOR));
model_t1.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        model_t1FocusGained(evt);
    }
    public void focusLost(java.awt.event.FocusEvent evt) {
        model_t1FocusLost(evt);
    }
});

model_t1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        model_t1ActionPerformed(evt);
    }
});

jLabel13.setFont(new java.awt.Font("Microsoft YaHei", 1, 20)); // NOI18N
jLabel13.setText("Description   :");

instruction_t4.setColumns(20);
instruction_t4.setFont(new java.awt.Font("Bahnschrift", 0, 20)); // NOI18N
instruction_t4.setForeground(new java.awt.Color(153, 153, 153));
instruction_t4.setLineWrap(true);
instruction_t4.setRows(5);
instruction_t4.setText("\n\n Detailed instruction to handle the \n product");
instruction_t4.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0,
0, 0), 1, true));
instruction_t4.addFocusListener(new java.awt.event.FocusAdapter() {

```

```

    public void focusGained(java.awt.event.FocusEvent evt) {
        instruction_t4FocusGained(evt);
    }

    public void focusLost(java.awt.event.FocusEvent evt) {
        instruction_t4FocusLost(evt);
    }
});

jScrollPane2.setViewportViewView(instruction_t4);

description_t5.setColumns(20);
description_t5.setFont(new java.awt.Font("Bahnschrift", 0, 20)); // NOI18N
description_t5.setForeground(new java.awt.Color(153, 153, 153));
description_t5.setRows(5);
description_t5.setText("\n    Detailed description about the \n    product ");
description_t5.setWrapStyleWord(true);
description_t5.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0,
0, 0), 1, true));
jScrollPane3.setViewportViewView(description_t5);

img_text.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0),
1, true));

jButton1.setBackground(new java.awt.Color(20, 22, 30));
jButton1.setFont(new java.awt.Font("Microsoft JhengHei", 1, 24)); // NOI18N
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("Add Photo");
jButton1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0),
1, true));
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

```

```

    }
});

buttonGroup1.add(jRadioButton1);
jRadioButton1.setFont(new java.awt.Font("Arial Narrow", 0, 20)); // NOI18N
jRadioButton1.setText("yes");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});

buttonGroup1.add(jRadioButton3);
jRadioButton3.setFont(new java.awt.Font("Arial Narrow", 0, 20)); // NOI18N
jRadioButton3.setText("no");

img.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1,
true));

jLabel14.setFont(new java.awt.Font("Microsoft YaHei", 1, 20)); // NOI18N
jLabel14.setText("Max - Rate      :");

maxrate_t3.setFont(new java.awt.Font("Bahnschrift", 0, 24)); // NOI18N
maxrate_t3.setForeground(new java.awt.Color(153, 153, 153));
maxrate_t3.setHorizontalAlignment(javax.swing.JTextField.CENTER);
maxrate_t3.setText("Rate for 1-hour");
maxrate_t3.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0,
0), 1, true));
maxrate_t3.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {

```

```

        maxrate_t3FocusGained(evt);
    }

    public void focusLost(java.awt.event.FocusEvent evt) {
        maxrate_t3FocusLost(evt);
    }
});

jButton2.setBackground(new java.awt.Color(20, 22, 30));
jButton2.setFont(new java.awt.Font("Microsoft JhengHei", 1, 24)); // NOI18N
jButton2.setForeground(new java.awt.Color(255, 255, 255));
jButton2.setText("Sumit");
jButton2.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0),
1, true));

jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

productname_tf.setBackground(new java.awt.Color(20, 22, 30));
productname_tf.setFont(new java.awt.Font("Bahnschrift", 0, 20)); // NOI18N
productname_tf.setForeground(new java.awt.Color(255, 255, 255));
productname_tf.setModel(new javax.swing.DefaultComboBoxModel<>(new
String[] { "mustfill", "product", "product_2", "product_3", "product_4", "product_5",
"product_6" }));

jSeparator1.setBackground(new java.awt.Color(0, 0, 0));
jSeparator1.setForeground(new java.awt.Color(0, 0, 0));
jSeparator1.setOrientation(javax.swing.SwingConstants.VERTICAL);
jSeparator1.setAlignmentX(2.0F);
jSeparator1.setAlignmentY(2.0F);

```



```

        .addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel14,
javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(minrate_t2,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 234,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(maxrate_t3,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 234,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel20Layout.createSequentialGroup())

        .addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE, 208,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(jRadioButton1)

        .addGap(35, 35, 35)

        .addComponent(jRadioButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 118,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel20Layout.createSequentialGroup())

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(jLabel12,
javax.swing.GroupLayout.DEFAULT_SIZE, 208, Short.MAX_VALUE)

```

```
.addComponent(jLabel13,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
  
.addGap(18, 18, 18)  
  
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
  
.addComponent(jScrollPane2)  
  
.addComponent(jScrollPane3)))  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
.addComponent(jSeparator1, javax.swing.GroupLayout.DEFAULT_SIZE,  
1, Short.MAX_VALUE)  
  
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)  
  
.addGroup(jPanel20Layout.createSequentialGroup()  
  
.addGap(31, 31, 31)  
  
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
  
.addComponent(img_text,  
javax.swing.GroupLayout.PREFERRED_SIZE, 383,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGroup(jPanel20Layout.createSequentialGroup()  
  
.addComponent(productname_tf,  
javax.swing.GroupLayout.PREFERRED_SIZE, 351,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGap(32, 32, 32))))  
  
.addGroup(jPanel20Layout.createSequentialGroup()  
  
.addGap(18, 18, 18)  
  
.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
  
.addGroup(jPanel20Layout.createSequentialGroup()
```

```

        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 172,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addComponent(img,
javax.swing.GroupLayout.PREFERRED_SIZE, 383,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addGap(53, 53, 53)))

);

jPanel20Layout.setVerticalGroup(

jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel20Layout.createSequentialGroup())

.addGap(18, 18, 18)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel20Layout.createSequentialGroup())

.addGap(39, 39, 39)

.addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(model_tf1,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(productname_tf,
javax.swing.GroupLayout.PREFERRED_SIZE, 58,
javax.swing.GroupLayout.PREFERRED_SIZE))

```



```

        .addGap(18, 18, Short.MAX_VALUE)

        .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup())

        .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
ADDING)

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup())

                .addComponent(jLabel12,
javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addGap(72, 72, 72)

                        .addComponent(jLabel13,
javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE))

                            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup())

                                .addComponent(img,
javax.swing.GroupLayout.PREFERRED_SIZE, 215,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                                        .addComponent(img_text,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                            .addGap(24, 24, 24)

                                                .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
SELIN)

                                                    .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                                        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE))))

```

```

        .addGap(209, 209, 209))

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel20Layout.createSequentialGroup())

        .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING))

        .addComponent(jLabel10)

        .addComponent(minrate_t2,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(18, 18, 18)

        .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE))

        .addComponent(maxrate_t3,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel14))

        .addGap(18, 18, 18)

        .addGroup(jPanel20Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE))

        .addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jRadioButton1)

        .addComponent(jRadioButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(3, 3, 3)

        .addComponent(jScrollPane2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(21, 21, 21)

        .addComponent(jScrollPane3,
javax.swing.GroupLayout.PREFERRED_SIZE,

```

```

javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(150, 150, 150))))

    .addGroup(jPanel20Layout.createSequentialGroup()

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

        .addComponent(jSeparator1,
javax.swing.GroupLayout.PREFERRED_SIZE, 616,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap()))

    );

jTabbedPane1.addTab("tab6", jPanel20);

jScrollPane1.setHorizontalScrollBarPolicy(javax.swing.ScrollPaneConstants.HORIZON
TAL_SCROLLBAR_NEVER);

jScrollPane1.setAlignmentX(0.1F);
jScrollPane1.setAlignmentY(0.1F);
jScrollPane1.setAutoscrolls(true);

panelItem1.setBackground(new java.awt.Color(204, 255, 204));
jScrollPane1.setViewportViewView(panelItem1);

jTabbedPane1.addTab("tab6", jScrollPane1);

home_jPanel.add(jTabbedPane1);
jTabbedPane1.setBounds(300, 30, 1070, 740);

dashBoard_jPanel.setBackground(new java.awt.Color(28, 202, 139));

home_jButton3.setBackground(new java.awt.Color(20, 22, 30));

```

```

        home_jButton3.setFont(new java.awt.Font("Microsoft JhengHei UI", 1, 24)); //
NOI18N

        home_jButton3.setForeground(new java.awt.Color(255, 255, 255));

        home_jButton3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/home (5).png"))); // NOI18N

        home_jButton3.setText("Home");

        home_jButton3.setAlignmentY(0.0F);

        home_jButton3.setBorder(new javax.swing.border.LineBorder(new
java.awt.Color(0, 0, 0), 1, true));

        home_jButton3.setFocusable(false);

        home_jButton3.setHorizontalTextPosition(javax.swing.SwingConstants.LEFT);

        home_jButton3.setIconTextGap(90);

        home_jButton3.setInheritsPopupMenu(true);

        home_jButton3.setVerticalTextPosition(javax.swing.SwingConstants.BOTTOM);

        home_jButton3.addActionListener(new java.awt.event.ActionListener() {

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

                home_jButton3ActionPerformed(evt);

            }

        });

        jButton4.setBackground(new java.awt.Color(20, 22, 30));

        jButton4.setFont(new java.awt.Font("Microsoft JhengHei", 1, 24)); // NOI18N

        jButton4.setForeground(new java.awt.Color(255, 255, 255));

        jButton4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/product (1).png"))); // NOI18N

        jButton4.setText("add new");

        jButton4.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0),
1, true));

        jButton4.setHorizontalTextPosition(javax.swing.SwingConstants.LEFT);

        jButton4.setIconTextGap(70);

        jButton4.addActionListener(new java.awt.event.ActionListener() {

```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton4ActionPerformed(evt);
        }
    });

    jButton5.setBackground(new java.awt.Color(20, 22, 30));
    jButton5.setFont(new java.awt.Font("Segoe UI Emoji", 0, 18)); // NOI18N
    jButton5.setForeground(new java.awt.Color(255, 255, 255));
    jButton5.setText("help");
    jButton5.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0),
1, true));
    jButton5.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton5ActionPerformed(evt);
        }
    });

    jLabel3.setBackground(new java.awt.Color(255, 255, 255));
    jLabel3.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/agricultural (1).png"))); //
NOI18N
    jLabel3.setOpaque(true);

    javax.swing.GroupLayout dashBoard_jPanelLayout = new
javax.swing.GroupLayout(dashBoard_jPanel);
    dashBoard_jPanel.setLayout(dashBoard_jPanelLayout);
    dashBoard_jPanelLayout.setHorizontalGroup(

dashBoard_jPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(dashBoard_jPanelLayout.createSequentialGroup()
            .addGap(44, 44, 44)

```

```

.addGroup(dashBoard_jPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jButton5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(home_jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 240,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(16, Short.MAX_VALUE))

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

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(jLabel3)

        .addGap(95, 95, 95))

);

dashBoard_jPanelLayout.setVerticalGroup(

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

        .addGroup(dashBoard_jPanelLayout.createSequentialGroup())

        .addGap(29, 29, 29)

        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 76,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(56, 56, 56)

        .addComponent(home_jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(66, 66, 66)

        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(87, 87, 87)

        .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addContainerGap(246, Short.MAX_VALUE))
    );

    home_jPanel.add(dashBoard_jPanel);
    dashBoard_jPanel.setBounds(0, 60, 300, 710);

    getContentPane().add(home_jPanel);
    home_jPanel.setBounds(-10, 0, 1390, 770);

    setSize(new java.awt.Dimension(1396, 778));
    setLocationRelativeTo(null);
} // </editor-fold>

private void button1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTabbedPane1.setSelectedIndex(0);
}

private void button3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTabbedPane1.setSelectedIndex(2);
}

private void button5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTabbedPane1.setSelectedIndex(3);
}

private void button2ActionPerformed(java.awt.event.ActionEvent evt) {

```

```

        // TODO add your handling code here:
        jTablebedPane1.setSelectedIndex(1);
    }

private void home_jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTablebedPane1.setSelectedIndex(0);
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTablebedPane1.setSelectedIndex(4);
}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    jTablebedPane1.setSelectedIndex(1);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    String product;
    product = (String) productname_tf.getSelectedItemAt();
    if("mustfill".equals(product))
    {
        JOptionPane.showMessageDialog(null, "Must select product Name");
    }
}

```



```

else
{

    String sql = "";

    if("Engine".equals(product))
    {
        sql = "insert into
product(modelnumber,photo,minimumrate,maxrate,instructions,Descriptions,user_id)
values(?,?,?,?,?,?,?)";
    }

    else if("Tracter".equals(product))
    {
        sql = "insert into
product_2(modelnumber,photo,minimumrate,maxrate,instructions,Description,suser_id)
values(?,?,?,?,?,?,?)";
    }

    else if("product3".equals(product))
    {
        sql = "insert into
product_3(modelnumber,photo,minimumrate,maxrate,instructions,Descriptions,user_id)
values(?,?,?,?,?,?,?)";
    }

    else if("product4".equals(product))
    {
        sql = "insert into
product_4(modelnumber,photo,minimumrate,maxrate,instructions,Descriptions,user_id)
values(?,?,?,?,?,?,?)";
    }

    else if("product5".equals(product))
    {

```

```

        sql = "insert into
product_5(modelnumber,photo,minimumrate,maxrate,instructions,Descriptions,user_id)
values(?,?,?,?,?,?,?)";

    }

    else if("product6".equals(product))
    {

        sql = "insert into
product_6(modelnumber,photo,minimumrate,maxrate,instructions,Descriptions,user_id)
values(?,?,?,?,?,?,?)";

    }

    try {

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

        PreparedStatement ps = con.prepareStatement(sql);

        InputStream is = new FileInputStream(new File(s));

        int n =1;

        while(n !=0)

        {

            if(model_t1.getText() != null)

            {

                ps.setString(1,model_t1.getText());

                ps.setBlob(2,is);

                ps.setString(3, minrate_t2.getText());

                ps.setString(4, minrate_t2.getText());

                ps.setString(5,instruction_t4.getText());

                ps.setString(6,description_t5.getText());

                ps.setInt(7, LoginForm.getUserId());

                ps.executeUpdate();

```

```

        n=0;
        JOptionPane.showMessageDialog(null, "data inserted");
    }
    else
    {
        JOptionPane.showMessageDialog(null, "model number need");

    }
}
} catch(Exception ex)
{
    JOptionPane.showMessageDialog(null, "data not inserted");
    ex.printStackTrace();

}
jTabbedPane1.setSelectedIndex(1);
}
}

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

}

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    JFileChooser chooser = new JFileChooser();
    chooser.showOpenDialog(null);
    File f = chooser.getSelectedFile();

```

```

String fileName = f.getAbsolutePath();
s = fileName;

Image getAbsolutePath = null;
img_text.setText(fileName);

ImageIcon icon = new ImageIcon(fileName);
//Image image = icon.getImage().getScaledInstance(383, 215, SCALE_SMOOTH);
img.setIcon(icon);
}

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    String str = "SELECT * FROM    product_3";

    LoadProduct(str);

    jTablebedPane1.setSelectedIndex(5);

}

```

```

private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    String str = "SELECT * FROM    product_2";

    LoadProduct(str);

    jTablebedPane1.setSelectedIndex(5);

}

```

```

private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    String str = "SELECT * FROM    product_4";

    LoadProduct(str);
}

```

```

        jTabledPane1.setSelectedIndex(5);

    }

    private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:

        String str = "SELECT * FROM    product";
        LoadProduct(str);
        jTabledPane1.setSelectedIndex(5);

    }

    private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:

        String str = "SELECT * FROM    product_5";
        LoadProduct(str);
        jTabledPane1.setSelectedIndex(5);

    }

    private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:

        String str = "SELECT * FROM    product_6";
        LoadProduct(str);

```

```

        jTabbedPane1.setSelectedIndex(5);
    }

    private void model_t1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void model_t1FocusGained(java.awt.event.FocusEvent evt) {
        // TODO add your handling code here:
        if(model_t1.getText().equals("AB2022VL0967"))
        {
            model_t1.setText("");
            model_t1.setForeground(new Color(0,0,0));
        }
    }

    private void model_t1FocusLost(java.awt.event.FocusEvent evt) {
        // TODO add your handling code here:
        if(model_t1.getText().equals(""))
        {
            model_t1.setText("AB2022VL0967");
            model_t1.setForeground(new Color(153,153,153));
        }
    }

    private void minrate_t2FocusGained(java.awt.event.FocusEvent evt) {
        // TODO add your handling code here:
        if(minrate_t2.getText().equals("Minium fixed rate"))
        {

```

```

        minrate_t2.setText("");
        minrate_t2.setForeground(new Color(0,0,0));
    }
}

private void minrate_t2FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(minrate_t2.getText().equals(""))
    {
        minrate_t2.setText("Minium fixed rate");
        minrate_t2.setForeground(new Color(153,153,153));
    }
}

/**/

private void maxrate_t3FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(maxrate_t3.getText().equals(""))
    {
        maxrate_t3.setText("Rate for 1-hour");
        maxrate_t3.setForeground(new Color(153,153,153));
    }
}

private void maxrate_t3FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:
    if(maxrate_t3.getText().equals("Rate for 1-hour"))
    {
        maxrate_t3.setText("");
    }
}

```

```

        maxrate_t3.setForeground(new Color(153,153,153));
    }
}

private void instruction_t4FocusGained(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:

    if(instruction_t4.getText().equals(" Please fill full detailed instruction to
handle the particular product"))
    {
        instruction_t4.setText("");
        instruction_t4.setForeground(new Color(153,153,153));
    }
}

private void instruction_t4FocusLost(java.awt.event.FocusEvent evt) {
    // TODO add your handling code here:

    if(instruction_t4.getText().equals(""))
    {
        instruction_t4.setText(" Please fill full detailed instruction to      handle the
particular product");
        instruction_t4.setForeground(new Color(153,153,153));
    }
}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    LoginForm lg = new LoginForm();
    lg.setVisible(true);
    this.dispose();
}

```



```

/**
 * @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(MainMenu.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    }

```

```

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(MainMenu.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 MainMenu().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.ButtonGroup buttonGroup1;
private javax.swing.ButtonGroup buttonGroup2;
private javax.swing.JPanel dashBoard_jPanel;
private javax.swing.JTextArea description_t5;
private javax.swing.JButton home_jButton3;
private javax.swing.JPanel home_jPanel;
private javax.swing.JLabel img;
private javax.swing.JTextField img_text;
private javax.swing.JTextArea instruction_t4;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton10;
private javax.swing.JButton jButton11;
private javax.swing.JButton jButton12;
private javax.swing.JButton jButton13;

```

```
private javax.swing.JButton jButton2;  
private javax.swing.JButton jButton3;  
private javax.swing.JButton jButton4;  
private javax.swing.JButton jButton5;  
private javax.swing.JButton jButton8;  
private javax.swing.JButton jButton9;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel11;  
private javax.swing.JLabel jLabel12;  
private javax.swing.JLabel jLabel13;  
private javax.swing.JLabel jLabel14;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel17;  
private javax.swing.JPanel jPanel18;  
private javax.swing.JPanel jPanel19;  
private javax.swing.JPanel jPanel20;  
private javax.swing.JPanel jPanel21;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JRadioButton jButton1;  
private javax.swing.JRadioButton jButton3;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JScrollPane jScrollPane2;  
private javax.swing.JScrollPane jScrollPane3;
```

```

private javax.swing.JSeparator jSeparator1;
public static javax.swing.JTabbedPane jTabbedPane1;
private javax.swing.JTextField maxrate_t3;
private javax.swing.JTextField minrate_t2;
private javax.swing.JTextField model_t1;
private Layout.PanelItem panelItem1;
private javax.swing.JComboBox<String> productname_tf;
private javax.swing.JPanel search_jPanel;
// End of variables declaration
}

package productDisplayframe.java

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to
change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JPanel.java to edit this
template
 */

package Conntentpanel;

import ChartFram.BillFrame;
import dashboard.MainMenu;
import java.awt.Color;
//import Conntentpanel.ItemDisplay.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.swing.JOptionPane;

```

```

//import dashboard.MainMenu.*;

/**
 *
 * @author Durai
 */
public class productPanel extends javax.swing.JPanel {

    BillFrame ch = new BillFrame();
    public int USERPRODUCTID;

    /**
     * Creates new form productPanel
     */
    public productPanel() {
        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 initComponents() {

        photo = new javax.swing.JLabel();
        jSeparator1 = new javax.swing.JSeparator();

```

```

modelName_1 = new javax.swing.JLabel();
productNmae_1 = new javax.swing.JLabel();
minrate_1 = new javax.swing.JLabel();
maxrate = new javax.swing.JLabel();
instruction_1 = new javax.swing.JLabel();
description_1 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
placeOrder_b = new javax.swing.JButton();
Back_1 = new javax.swing.JButton();

setBackground(new java.awt.Color(255, 255, 255));
setPreferredSize(new java.awt.Dimension(1080, 689));

photo.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1,
true));

jSeparator1.setBackground(new java.awt.Color(51, 0, 51));
jSeparator1.setOpaque(true);

modelName_1.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); // NOI18N
modelName_1.setText("    MODEL NO");

modelName_1.setBorder(new javax.swing.border.LineBorder(new
java.awt.Color(199, 243, 226), 2, true));

modelName_1.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        modelName_1FocusGained(evt);
    }
});

productNmae_1.setBackground(new java.awt.Color(255, 255, 255));

```

```

        productNmae_1.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); //
NOI18N

        productNmae_1.setForeground(new java.awt.Color(45, 5, 41));

        productNmae_1.setText("    PRODUCT NAME");

        productNmae_1.setBorder(new javax.swing.border.LineBorder(new
java.awt.Color(199, 243, 226), 1, true));

        productNmae_1.setOpaque(true);


        minrate_1.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); // NOI18N

        minrate_1.setForeground(new java.awt.Color(51, 0, 51));

        minrate_1.setText("    MINIMUM RATE");

        minrate_1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(199,
243, 226), 2, true));


        maxrate.setBackground(new java.awt.Color(255, 255, 255));

        maxrate.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 24)); // NOI18N

        maxrate.setForeground(new java.awt.Color(0, 0, 51));

        maxrate.setText("    MAX RATE");

        maxrate.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(199,
243, 226), 2, true));


        instruction_1.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 18)); // NOI18N

        instruction_1.setForeground(new java.awt.Color(51, 0, 51));

        instruction_1.setText("    iNSRTUCTION");

        instruction_1.setBorder(new javax.swing.border.LineBorder(new
java.awt.Color(199, 243, 226), 2, true));


        description_1.setFont(new java.awt.Font("Microsoft YaHei UI", 0, 18)); // NOI18N

        description_1.setForeground(new java.awt.Color(51, 0, 51));

        description_1.setText("    DESCRIPTION");

        description_1.setBorder(new javax.swing.border.LineBorder(new
java.awt.Color(199, 243, 226), 1, true));

```

```

jLabel11.setForeground(new java.awt.Color(181, 184, 142));
jLabel11.setText("jLabel11");
jLabel11.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(199,
243, 226), 2, true));

```

```

placeOrder_b.setBackground(new java.awt.Color(20, 22, 30));
placeOrder_b.setFont(new java.awt.Font("Arial", 1, 24)); // NOI18N
placeOrder_b.setForeground(new java.awt.Color(204, 255, 255));
placeOrder_b.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/order (1).png"))); // NOI18N
placeOrder_b.setText("place order");
placeOrder_b.setBorder(null);
placeOrder_b.setIconTextGap(25);
placeOrder_b.setOpaque(true);
placeOrder_b.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        placeOrder_bActionPerformed(evt);
    }
});

```

```

Back_1.setBackground(new java.awt.Color(20, 22, 30));
Back_1.setFont(new java.awt.Font("Arial", 1, 24)); // NOI18N
Back_1.setForeground(new java.awt.Color(255, 255, 255));
Back_1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Images/back
(1).png"))); // NOI18N
Back_1.setText("Back");
Back_1.setBorder(null);
Back_1.setIconTextGap(55);
Back_1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {

```



```

        Back_1ActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
this.setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
            .addComponent(modelname_1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(productNmae_1,
javax.swing.GroupLayout.DEFAULT_SIZE, 407, Short.MAX_VALUE)
            .addComponent(minrate_1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(maxrate, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(photo, javax.swing.GroupLayout.PREFERRED_SIZE, 309,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED_SIZE, 3,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(instruction_1,
javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

```

```

        .addComponent(jLabel11, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup())

        .addComponent(placeOrder_b,
javax.swing.GroupLayout.PREFERRED_SIZE, 203,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 193,
Short.MAX_VALUE)

        .addComponent(Back_1, javax.swing.GroupLayout.PREFERRED_SIZE,
182, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addComponent(description_1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        .addGap(48, 48, 48))

);

layout.setVerticalGroup(

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

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

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(photo, javax.swing.GroupLayout.DEFAULT_SIZE, 158,
Short.MAX_VALUE)

        .addGap(18, 18, 18)

        .addComponent(modelname_1, javax.swing.GroupLayout.PREFERRED_SIZE,
76, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(productNmae_1,
javax.swing.GroupLayout.PREFERRED_SIZE, 70,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(minrate_1, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

```

```

        .addComponent(maxrate, javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(152, 152, 152))

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

        .addContainerGap()

        .addComponent(jSeparator1)

        .addContainerGap())

        .addGroup(layout.createSequentialGroup()

        .addGap(19, 19, 19)

        .addComponent(description_1, javax.swing.GroupLayout.PREFERRED_SIZE,
159, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(instruction_1, javax.swing.GroupLayout.PREFERRED_SIZE,
172, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 158,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(placeOrder_b,
javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(Back_1, javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

    );

} // </editor-fold>

private void Back_1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

```

```

photo.setText("hello");

MainMenu.jTabbedPane1.remove(ItemDisplay.panel());

}

private void placeOrder_bActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    try
    {

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

        String sql = "SELECT name,phonenumber,emailid from user where user.user_id
= "+USERPRODUCTID;

        PreparedStatement stmt =con.prepareStatement(sql);

        ResultSet rs = stmt.executeQuery();

        if(rs.next())
        {

            BillFrame.name.setText(rs.getString(1));

            BillFrame.phone.setText(rs.getString(2));

            BillFrame.address.setText(rs.getString(3));

            BillFrame.product.setText(this.modelname_1.getText());

            BillFrame.model.setText(this.modelname_1.getText());

            BillFrame.price.setText(this.maxrate.getText());

            ch.setVisible(true);

            // MainMenu.mainMenuform.setVisible(false);

        }

    }
}

```

```

        catch(Exception ex)
        {
            JOptionPane.showMessageDialog(null, "Data cannot display");
            ex.printStackTrace();
        }

    }

    private void modelName_1FocusGained(java.awt.event.FocusEvent evt) {
        // TODO add your handling code here:

    }

    // Variables declaration - do not modify
    private javax.swing.JButton Back_1;
    public javax.swing.JLabel description_1;
    public javax.swing.JLabel instruction_1;
    private javax.swing.JLabel jLabel11;
    private javax.swing.JSeparator jSeparator1;
    public javax.swing.JLabel maxrate;
    public javax.swing.JLabel minrate_1;
    public javax.swing.JLabel modelName_1;
    public javax.swing.JLabel photo;
    private javax.swing.JButton placeOrder_b;
    private javax.swing.JLabel productNmae_1;
    // End of variables declaration
}

```

REFERENCES

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7. <https://www.codecademy.com/learn/learn-java>
8. Book-core Java Volume-1 Fundamentals by Cay S. Horstmann