**FLAT FORM**

import java.awt.\*;

import java.applet.\*;

import java.io.\*;

import java.sql.\*;

public class flat extends JFrame implements ActionListener,FocusListener

{

JTextField txtFlatNo=new JTextField();

JTextField txtBuiltUpArea=new JTextField();

JTextField txtMaintainance=new JTextField();

JTextField txtPrice=new JTextField();

JTextField txtAvailable=new JTextField("Available");

JButton btnNew=new JButton("");

JButton btnSave=new JButton("");

JButton btnSearch=new JButton("");

JButton btnEdit=new JButton("");

JButton btnCancel=new JButton("");

String floor[]={"Select","0","1","2","3","4","5"};

String bname[]={"select","Ruby","Emerald","Sapphire","Diamond"};

JComboBox cmbFlatFloor=new JComboBox(floor);

JComboBox cmbBuilding=new JComboBox(bname);

public flat()

{

txtAvailable.setEditable(false);

txtFlatNo.setFont(new Font("Georgia",Font.BOLD,25));

txtBuiltUpArea.setFont(new Font("Georgia",Font.BOLD,25));

txtMaintainance.setFont(new Font("Georgia",Font.BOLD,25));

txtPrice.setFont(new Font("Georgia",Font.BOLD,25));

txtAvailable.setFont(new Font("Georgia",Font.BOLD,25));

btnNew.setFont(new Font("Georgia",Font.BOLD,30));

btnSave.setFont(new Font("Georgia",Font.BOLD,30));

btnSearch.setFont(new Font("Georgia",Font.BOLD,30));

btnEdit.setFont(new Font("Georgia",Font.BOLD,30));

btnCancel.setFont(new Font("Georgia",Font.BOLD,30));

cmbFlatFloor.setFont(new Font("Georgia",Font.BOLD,25));

cmbBuilding.setFont(new Font("Georgia",Font.BOLD,25));

txtFlatNo.setBounds(1015,498,683,34);

txtBuiltUpArea.setBounds(1015,708,683,34);

txtMaintainance.setBounds(1014,778,684,34);

txtPrice.setBounds(1015,848,683,34);

txtAvailable.setBounds(1015,921,683,34);

cmbFlatFloor.setBounds(1015,576,683,32);

cmbBuilding.setBounds(1010,646,683,32);

btnNew.setBounds(780,1097,113,48);

btnSave.setBounds(928,1097,117,47);

btnSearch.setBounds(1080,1097,117,47);

btnEdit.setBounds(1230,1097,117,47);

btnCancel.setBounds(2112,1065,110,103);

add(txtFlatNo);

add(txtBuiltUpArea);

add(txtMaintainance);

add(txtPrice);

add(txtAvailable);

add(btnNew);

add(btnSave);

add(btnSearch);

add(btnEdit);

add(btnCancel);

add(cmbFlatFloor);

add(cmbBuilding);

add(limg);

limg.setBounds(0,20,this.getWidth(),this.getHeight());

btnNew.addActionListener(this);

btnSave.addActionListener(this);

btnSearch.addActionListener(this);

btnEdit.addActionListener(this);

btnCancel.addActionListener(this);

txtBuiltUpArea.addFocusListener(this);

}

public void focusGained(FocusEvent fe)

{

if(fe.getSource()==txtBuiltUpArea && tflag==0)

{

try

{

int ctr=1;

Connection con=DriverMager.getConnection("jdbc:odbc:constructdsn");

Statement st=con.createStatement();

String str="select \* from flattbl";

while(res.next())

{

if(res.getString(1).startsWith(""+cmbBuilding.getSelectedItem()))

ctr++;

}

txtFlatNo.setText(""+cmbBuilding.getSelectedItem

()+"/"+(""+cmbFlatFloor.getSelectedItem())+"/"+ctr);

}

catch(Exception e)

{

System.out.println(e);

}

public void actionPerformed(ActionEvent e)

{

if(e.getSource()==btnNew)

{

txtFlatNo.setText("");

txtBuiltUpArea.setText("");

txtMaintainance.setText("");

txtPrice.setText("");

txtAvailable.setText("Available");

cmbFlatFloor.setSelectedIndex(0);

cmbBuilding.setSelectedIndex(0);

}

if(e.getSource()==btnSave)

{

try

{

Connection con=DriverMger.getConnection("jdbc:odbc:constructdsn");

String str="insert into flattbl(flat\_no,flat\_floor,flat\_building,

flat\_builtup,flat\_maintain,flat\_price,flat\_status)values(?,?,?,?,?,?,?)";

PreparedStatement ps=con.prepareStatement(str);

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

ps.setString(2,(""+cmbFlatFloor.getSelectedItem()));

ps.setString(3,(""+cmbBuilding.getSelectedItem()));

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

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

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

ps.setString(7,(txtAvailable.getText()));

ps.executeUpdate();

JOptionPane.showMessage (null,"Record saved");

}

catch(Exception ee)

{

System.out.println(ee);

}

}

if(e.getSource()==btnSearch)

{

try

{

Connection con=DriverManger.getConnection("jdbc:odbc:constructdsn");

Statement st=con.createStatement();

String stt=JOptionPane.showInput(null,"Enter flat no");

String str="select \* from flattbl where flat\_no='"+stt+"'";

while(res.next())

{

txtFlatNo.setText(res.getString(1));

txtMaintainance.setText(res.getString(5));

txtPrice.setText(res.getString(6));

txtAvailable.setText(res.getString(7));

cmbFlatFloor.setSelectedItem(res.getString(2));

cmbBuilding.setSelectedItem(res.getString(3));

}

catch(Exception ee)

{

JOptionPane.showMessage(null,ee);

}

}

if(e.getSource()==btnEdit)

{

tflag=1;

try

{

Connection con=DriverMger.getConnection("jdbc:odbc:constructdsn");

Statement st=con.createStatement();

String tt=JOptionPane.showInputDialog(null,"Enter flat no");

String str="update flatbl set flat='"+cmbFlatFloor.getSelectedItem

()+"',flat\_Building='"+cmbBuilding.getSelectedItem()+"

',flat\_builtup='"+txtBuiltUpArea.getText+"',flat\_price

='"+txtPrice.getText()+"',flat\_status='"+txtAvailable.getText()

st.executeUpdate(str);

JOptionPane.showMessage(null,"RECORD UPDATED");

}

catch(Exception eee)

{

JOptionPane.showMessage(null,eee);

}

}

if(e.getSource()==btnCancel)

{

this.dispose();

}

}

public static void main(String args[])throws IndexOutOfBoundsException

{

flat obj=new flat();

}

}