

Insurance Management System

A PROJECT REPORT

Submitted by

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In partial fulfillment for

OOP (01CT0105) Project

Sem – 2nd

Degree ENGINEERING

in

Information and Communication Technology Engineering

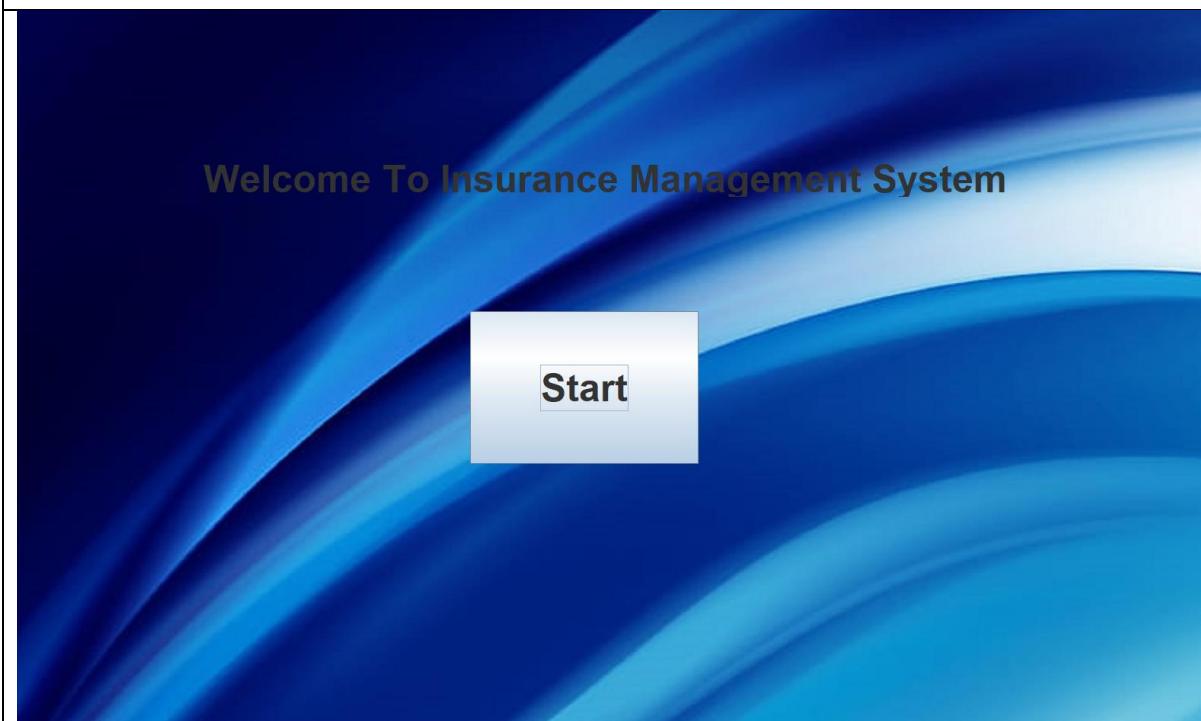


Faculty of Technology Studies

Marwadi University, Rajkot

| Subject: | Object Oriented Programming with JAVA (01CT0105) | | |
|---|--|--|----------------|
| Project Title: | Insurance Management System | | |
| 1) Enrollment No: | 92100133015 | Name: | Bhavin Zala |
| 2) Enrollment No: | 92100133044 | Name: | Yuvraj Thoriya |
| Project Definition: | | | |
| <p>Suppose a person wants to check for which insurance he/she is eligible based on age and premium</p> <p>So, for that user need to enter their date of birth (DOB), their maximum premium. According to that a list will be displayed. A separate log file should be generated of activity of users and their ip's. Based on what is clicked a form should be displayed. Now additional details based on the insurance should be fetched like Aadhaar card no and its image (Jpg)</p> <p>Pan card and its image (Jpg) and a receipt should be generated in pdf form. And a database should be created to store this information (Database name: Insurance filled). User should be displayed filled forms based on login details. User cannot change name after inserting or filing the form.</p> | | | |
| Client Meeting : | | | |
| Project Client Name :s | | | |
| <ul style="list-style-type: none"> 1) Jatan Sanghvi 2) Ajay Rank | | | |
| Date | Time | Discussion | |
| 02-06-2022 | 01:00PM | Discuss about classes that which types of insurance are there in our project..... Like MainFrame, Health, Home, Car, Family..... | |
| 06-06-2022 | 01:00PM | Discussed about how member can access the insurance by accepting the | |

| | | |
|------------|---------|---|
| | | policies for each insurances..... |
| 17-06-2022 | 01:00PM | : Discussed about to save users data and manage them..... |



[back](#)

List of insurances.

[health insurances](#)

[home insurances](#)

[car insurances](#)

[family insurances](#)

Health Insurance Policy

The following words or terms shall have the meaning ascribed to them wherever they appear in this Policy, and references to the singular or to the masculine shall include references to the plural and to the feminine wherever the context so permits:

Accident or Accidental means a sudden, unintended, fortuitous visible and external event.

Building means any under construction or fully enclosed civil structure with walls and a roof, used primarily for domestic / residential purposes, including all the electrical fittings and plumbing work, collapsible and fixed grills, gates, doors and windows and also the boundary wall, fencing, out house, pump house etc forming part of the insured premises and / or for the protection of the contents within the Insured Premises

Deductible means the amount stated in the Schedule which shall be borne by the Insured in respect of each and every Claim made under this Policy. The Company's liability to make any payment under the Policy is in excess of the Deductible.

Insured means the person named in the Schedule and, benefiting from the Cover.

Occupation means Occupation of Insured as shown in the Schedule or as declared to the Company in the Proposal.

Policy means the Insured's proposal, the Schedule, Company's covering letter to the Insured, insuring clauses, definitions, exclusions, conditions and other terms contained herein and any endorsements attaching to or forming part hereof, either at inception or during the Policy Period.



[Get Plans](#)

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Health Insurance

Member Name

Gender

DOB

Age

Phone No

PRIVATE CAR PACKAGE POLICY

Whereas the insured by a proposal and declaration dated as stated in the Schedule which shall be the basis of this contract and is deemed to be incorporated herein has applied to ACKO GENERAL INSURANCE LIMITED (hereinafter called the Company) for the insurance hereinafter contained and has paid the premium mentioned in the schedule as consideration for such insurance in respect of accidental loss or damage occurring during the period of insurance.

Rate of Depreciation for painting: In the case of painting, the depreciation rate of 50% shall be applied only on the material cost of total painting charges. In case of a consolidated bill for painting charges, the material component shall be considered as 25% of total painting charges for the purpose of applying the depreciation.

In the event of the vehicle being disabled by reason of loss or damage covered under this Policy the Company will bear the reasonable cost of protection and removal to the nearest repairer and redelivery to the insured but not exceeding in all Rs. 1500/- in respect of any one accident.

The Insured's Declared Value (IDV) of the vehicle will be deemed to be the SUM INSURED for the purpose of this policy which is fixed at the commencement of each policy period for the insured vehicle.

[Go Back](#)

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Family Insurances

The current policy interest in families and relationships has built arguably both in response to growing awareness of the importance of family for childrens outcomes and also, in a context of continuing austerity, the pressure to reduce the costs to the state associated with the negative impacts of poor quality relationships and relationship breakdown.

Research has increasingly demonstrated that poor quality family relationships and fractious family separations can have detrimental impacts on childrens wellbeing, which in some cases can last in the long term. For example, it is now well-established that, although most children whose parents separate or divorce do not experience adverse outcomes, poor outcomes such as behavioural difficulties are around twice as likely for these children as they are for children whose parents remain together (Pryor and Rodgers, 2001). Policy-makers have therefore increasingly come to see the importance of supporting family relationships to reduce rates of family breakdown and/or mitigate the harm to children. The Coalition Government made family breakdown one of the five pathways to poverty and increased the investment from the state into relationship support, which the subsequent Conservative Government had promised to double (Cameron, 2016)

[go Back](#)

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All Classes :

Main_Frame :

```
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import javafx.scene.control.TextField;
import javafx.scene.paint.Color;
import java.lang.*;
import java.awt.Font.*;
```

```
public class Main_Frame extends JFrame
{
```

```
    Label lbl;
```

```
    JButton str;
```

```
    Font f1,f2,f3;
```

```
    MyActionListener1 ml = new MyActionListener1(this);
```

```
    Main_Frame()
```

```
{
```

```
        super("INSURANCE MANAGEMENT");
        setLayout(null);
        this.setBounds(0,0,1600,1000);
```

```
        lbl = new Label("Welcome To Insurance Management System");
        str = new JButton("Start");
```

```
f3 = new Font("Arial",Font.BOLD,50);
f1 = new Font("Arial",Font.BOLD,15);
f2 = new Font("Roman",Font.BOLD,50);

lbl.setBounds(250,200,1500,50);
str.setBounds(600,400,300,200);

lbl.setFont(f2);
str.setFont(f3);

add(lbl);
add(str);

str.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        System.exit(0);
    }
});

}

public static void main(String args[])
{
    Main_Frame mf = new Main_Frame();
    mf.setVisible(true);
}

}

List :
```

```
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import javafx.scene.control.TextField;
import javafx.scene.paint.Color;
import java.lang.*;
import java.awt.Font.*;

public class List extends JFrame
{
    JLabel lbl1, lbl2;

    JButton health,home,car,family,back;

    Font f1,f2,f3;

    ImageIcon img;

    MyActionListener1 ml;

    List()
    {
        super("List");
        setLayout(null);
        this.setBounds(0,0,1600,1000);
        ml = new MyActionListener1(this);

        img = new ImageIcon("p2.JFIF");
        lbl2 = new JLabel(img);
        lbl2.setBounds(0,0,img.getIconWidth(), img.getIconHeight());
        lbl2.setVisible(true);
```

```
lbl1 = new JLabel("List of insurances.");
health = new JButton("health insurances");
home = new JButton("home insurances");
car = new JButton("car insurances");
family = new JButton("family insurances");
back = new JButton("back");

f3 = new Font("Arial",Font.BOLD,20);
f1 = new Font("Arial",Font.BOLD,15);
f2 = new Font("Roman",Font.BOLD,50);

lbl1.setBounds(250,200,1500,50);
health.setBounds(250,350,500,75);
home.setBounds(250,500,500,75);
car.setBounds(250,650,500,75);
family.setBounds(250,800,500,75);
back.setBounds(50,50,150,75);

lbl1.setFont(f2);
health.setFont(f3);
home.setFont(f3);
car.setFont(f3);
family.setFont(f3);
back.setFont(f3);

add(back);
add(health);
add(home);
add(car);
add(family);

add(lbl1);
```

```

add(lbl2);

back.addActionListener(ml);
health.addActionListener(ml);
home.addActionListener(ml);
car.addActionListener(ml);
family.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        setVisible(false);
    }
});

/*public static void main(String args[])
{
    List ls = new List();
    ls.setVisible(true);
}
*/
}

health_policy :

import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class health_policy extends JFrame

```

```
{  
    JButton plans,back;  
  
    JLabel lbl0, lbl1, lbl2, lbl3, lbl4, lbl5, lbl6, lbl7, lbl8, lbl9, lbl10, lbl11, lbl12, lbl13,  
    lbl14, lbl15, lbl16, lbl17, lbl18;  
  
    MyActionListener1 ml;  
  
    health_policy()  
{  
        setLayout(null);  
        ml = new MyActionListener1(this);  
        setBounds(0,0,1600,1000);  
  
        lbl0= new JLabel("Health Insurance Policy");  
        lbl1 = new JLabel("The following words or terms shall have the meaning ascribed to  
them wherever they appear in this ");  
        lbl2= new JLabel("Policy, and references to the singular or to the masculine shall  
include references to the plural and to ");  
        lbl3= new JLabel("the feminine wherever the context so permits:");  
        lbl4= new JLabel("Accident or Accidental means a sudden, unintended, fortuitous  
visible and external event.");  
        lbl5= new JLabel("Building means any under construction or fully enclosed civil  
structure with walls and a roof, used ");  
        lbl6= new JLabel("primarily for domestic / residential purposes, including all the  
electrical fittings and plumbing work, ");  
        lbl7= new JLabel("collapsible and fixed grills, gates, doors and windows and also the  
boundary wall, fencing, out");  
        lbl8= new JLabel("house, pump house etc forming part of the insured premises and /  
or for the protection of the ");  
        lbl9= new JLabel("contents within the Insured Premises");  
        lbl10= new JLabel("Deductible means the amount stated in the Schedule which shall  
be borne by the Insured in ");
```

```
lbl11= new JLabel("respect of each and every Claim made under this Policy. The  
Company's liability to make any ");  
lbl12= new JLabel("payment under the Policy is in excess of the Deductible.");  
lbl13= new JLabel("Insured means the person named in the Schedule and, benefiting  
from the Cover.");  
lbl14= new JLabel("Occupation means Occupation of Insured as shown in the  
Schedule or as declared to the ");  
lbl15= new JLabel("Company in the Proposal.");  
lbl16= new JLabel("Policy means the Insured's proposal, the Schedule, Company's  
covering letter to the Insured, ");  
lbl17= new JLabel("insuring clauses, definitions, exclusions, conditions and other  
terms contained herein and any");  
lbl18= new JLabel("endorsements attaching to or forming part hereof, either at  
inception or during the Policy Period.");
```

```
plans= new JButton("Get plans");  
back= new JButton("<|");  
  
Font f1 = new Font("Arial",Font.ITALIC,25);  
Font f2 = new Font("Times New Roman",Font.BOLD,50);  
  
lbl0.setFont(f2);  
lbl1.setFont(f1);  
lbl2.setFont(f1);  
lbl3.setFont(f1);  
lbl4.setFont(f1);  
lbl5.setFont(f1);  
lbl6.setFont(f1);  
lbl7.setFont(f1);  
lbl8.setFont(f1);  
lbl9.setFont(f1);  
lbl10.setFont(f1);
```

```
lbl11.setFont(f1);
lbl12.setFont(f1);
lbl13.setFont(f1);
lbl14.setFont(f1);
lbl15.setFont(f1);
lbl16.setFont(f1);
lbl17.setFont(f1);
lbl18.setFont(f1);
```

```
back.setFont(f1);
plans.setFont(f1);
```

```
add(lbl0);
add(lbl1);
add(lbl2);
add(lbl3);
add(lbl4);
add(lbl5);
add(lbl6);
add(lbl7);
add(lbl8);
add(lbl9);
add(lbl10);
add(lbl11);
add(lbl12);
add(lbl13);
add(lbl14);
add(lbl15);
add(lbl16);
add(lbl17);
add(lbl18);
```

```
add(back);
```

```
add(plans);

lbl0.setBounds(300,50,1600,50);
lbl1.setBounds(50,100,1600,50);
lbl2.setBounds(50,130,1600,50);
lbl3.setBounds(50,160,1600,50);
lbl4.setBounds(50,190,1600,50);
lbl5.setBounds(50,220,1600,50);
lbl6.setBounds(50,250,1600,50);
lbl7.setBounds(50,280,1600,50);
lbl8.setBounds(50,310,1600,50);
lbl9.setBounds(50,340,1600,50);
lbl10.setBounds(50,370,1600,50);
lbl11.setBounds(50,400,1600,50);
lbl12.setBounds(50,430,1600,50);
lbl13.setBounds(50,460,1600,50);
lbl14.setBounds(50,490,1600,50);
lbl15.setBounds(50,520,1600,50);
lbl16.setBounds(50,550,1600,50);
lbl17.setBounds(50,580,1600,50);
lbl18.setBounds(50,610,1600,50);

back.setBounds(300,700,200,65);
plans.setBounds(500,700,200,65);

back.addActionListener(ml);
plans.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        setVisible(false);
    }
})
```

```
        }
    });

}
}
```

Health :

```
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class Health extends JFrame
{
    // label
    JLabel member_name,gender,dob,phoneno,age,health_insurance,lbl7;

    JTextField txt1,txt2,txt3,txt4,txt5;

    JButton save,clear,back;

    JComboBox cmb1;

    ImageIcon img;

    MyActionListener1 ml = new MyActionListener1(this);

    Health()
    {
        setLayout(null);
        setBounds(0,0,550,965);
```

```
txt1=new JTextField();
txt2=new JTextField();
txt3=new JTextField();
txt4=new JTextField();
txt5=new JTextField();

img = new ImageIcon("p1.JPG");
lbl7 = new JLabel(img);
lbl7.setBounds(0,0,img.getIconWidth(), img.getIconHeight());
lbl7.setVisible(true);

age = new JLabel("Age");
health_insurance = new JLabel("Health Insurance");
member_name =new JLabel("Member Name");
gender =new JLabel("Gender");
dob =new JLabel("DOB");
phoneno =new JLabel("Phone No");

save =new JButton("Save");
clear =new JButton("Clear");
back =new JButton("<");

String[] choice = {"Select","Male", "Female", "Others", "Prefer to not
Say"};
cmb1 = new JComboBox(choice);

Font f1 = new Font("Times New Roman",Font.BOLD,20);
Font f2 = new Font("Arial",Font.ITALIC,30);

health_insurance.setFont(f1);
member_name.setFont(f1);
gender.setFont(f1);
```

```
dob.setFont(f1);
age.setFont(f1);
phoneno.setFont(f1);
```

```
back.setFont(f1);
save.setFont(f1);
clear.setFont(f1);
cmb1.setFont(f1);
```

```
txt1.setFont(f1);
txt2.setFont(f1);
txt3.setFont(f1);
txt4.setFont(f1);
txt5.setFont(f1);
```

```
add(txt1);
add(txt2);
add(txt3);
add(txt4);
add(txt5);
add(cmb1);
```

```
add(age);
add(member_name);
add(gender);
add(dob);
add(phoneno);
```

```
add(save);
add(clear);
```

```
add(back);
```

```
add(health_insurance);

txt1.setBounds(300,150,150,65);
cmb1.setBounds(300,250,150,65);
txt3.setBounds(300,350,150,65);
txt4.setBounds(300,450,150,65);
txt5.setBounds(300,550,150,65);

health_insurance.setBounds(100,50,350,75);
member_name.setBounds(100,150,150,65);
gender.setBounds(100,250,150,65);
dob.setBounds(100,350,150,65);
age.setBounds(100,450,150,65);
phoneno.setBounds(100,550,150,65);

save.setBounds(100,650,150,65);
clear.setBounds(300,650,150,65);
back.setBounds(0,0,65,65);

save.addActionListener(ml);
back.addActionListener(ml);
clear.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        System.exit(0);
    }
});

public static void main(String args[])
}
```

```
{  
}  
}  
  
home_policy :  
  
import java.awt.*;  
import java.awt.event.*;  
import java.io.*;  
import javax.swing.*;  
import javafx.stage.WindowEvent;  
import java.lang.*;  
  
public class home_policy extends JFrame  
{  
    JButton plans,back;  
  
    JLabel lbl1, lbl2, lbl3, lbl4, lbl5, lbl6, lbl7, lbl8, lbl9, lbl10, lbl11, lbl12, lbl13, lbl14,  
    lbl15, lbl16;  
  
    MyActionListener1 ml = new MyActionListener1(this);  
  
    home_policy()  
    {  
        setLayout(null);  
        setBounds(0,0,1600,1000);  
  
        lbl1 = new JLabel("Dear Policyholder");  
        lbl2 = new JLabel("Your Simple Home Insurance Policy entitles You to various  
        Benefits. The sections that");  
        lbl3 = new JLabel("are in force under this Policy and amount of insurance available to  
        You under each of ");  
    }  
}
```

lbl4 = new JLabel("those sections, and in total, are those that You have chosen and are listed in the ");

lbl5 = new JLabel("Schedule that accompanies this Policy. This Schedule forms part of this Policy.");

lbl6 = new JLabel("We request You to keep this Policy along with the Schedule in a safe place, because");

lbl7 = new JLabel("You will need to refer to them in the event of a claim. If You claim for payment arising ");

lbl8 = new JLabel("out of loss, damage or injury during the Period of Insurance then We shall make");

lbl9 = new JLabel("payment to You as long as the claim falls within the section opted by You and You have");

lbl10 = new JLabel("complied with the Policy terms and conditions.");

lbl11 = new JLabel("We have issued this Policy to You which is the contract of insurance between You and");

lbl12 = new JLabel("Us, as consideration for Your premium, and subject to the same having been realized");

lbl13 = new JLabel("by Us. This is based on the information that You have given to Us in Your proposal");

lbl14 = new JLabel("which includes any other written statement/ communication, telephone call. This");

lbl15 = new JLabel("nformation must be complete, correct, true and accurate in every respect and forms");

lbl16 = new JLabel("part of this contract.");

plans= new JButton("get plans");

back= new JButton("go back");

Font f1 = new Font("Arial",Font.ITALIC,25);

```
lbl1.setFont(f1);
lbl2.setFont(f1);
lbl3.setFont(f1);
lbl4.setFont(f1);
lbl5.setFont(f1);

lbl6.setFont(f1);
lbl7.setFont(f1);
lbl8.setFont(f1);
lbl9.setFont(f1);
lbl10.setFont(f1);

lbl11.setFont(f1);
lbl12.setFont(f1);
lbl13.setFont(f1);
lbl14.setFont(f1);
lbl15.setFont(f1);
lbl16.setFont(f1);

back.setFont(f1);
plans.setFont(f1);

add(lbl1);
add(lbl2);
add(lbl3);
add(lbl4);
add(lbl5);

add(lbl6);
add(lbl7);
add(lbl8);

add(lbl9);
```

```
add(lbl10);

add(lbl11);
    add(lbl12);
    add(lbl13);
    add(lbl14);
    add(lbl15);
    add(lbl16);

    add(back);
add(plans);

lbl1.setBounds(100,50,1500,25);
    lbl2.setBounds(100,100,1500,25);
    lbl3.setBounds(100,130,1500,25);
    lbl4.setBounds(100,160,1500,25);
    lbl5.setBounds(100,190,1500,25);

    lbl6.setBounds(100,220,1500,25);
    lbl7.setBounds(100,250,1500,25);
    lbl8.setBounds(100,280,1500,25);
    lbl9.setBounds(100,310,1500,25);
    lbl10.setBounds(100,340,1500,25);

    lbl11.setBounds(100,370,1500,25);
    lbl12.setBounds(100,400,1500,25);
    lbl13.setBounds(100,430,1500,25);
    lbl14.setBounds(100,460,1500,25);
    lbl15.setBounds(100,590,1500,25);

    lbl16.setBounds(100,620,1500,25);

back.setBounds(300,700,200,65);
plans.setBounds(500,700,200,65);
```

```
        back.addActionListener(ml);
        plans.addActionListener(ml);

        addWindowListener(new WindowAdapter()
        {
            public void windowClosing(WindowEvent we)
            {
                setVisible(false);
            }
        });
    }
}
```

Home :

```
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class Home extends JFrame
{
    // label
    1,2,3,4,5,6 are in text and lbl 7 is bgimage lbl8 is bottom line in health frame
    JLabel member_name,gender,dob,phoneno,age,home_insurance,lbl7;

    JTextField txt1,txt2,txt3,txt4,txt5;

    JButton save,clear,back;

    JComboBox cmb1;
```

```
 ImageIcon img;
```

```
 MyActionListener1 ml = new MyActionListener1(this);
```

```
 Home()
```

```
{
```

```
     setLayout(null);
     setBounds(0,0,550,965);

     txt1=new JTextField();
     txt2=new JTextField();
     txt3=new JTextField();
     txt4=new JTextField();
     txt5=new JTextField();
```

```
     img = new ImageIcon("p1.JPG");
     lbl7 = new JLabel(img);
     lbl7.setBounds(0,0,img.getIconWidth(), img.getIconHeight());
     lbl7.setVisible(true);
```

```
     age = new JLabel("Age");
     home_insurance = new JLabel("Home Insurance");
     member_name =new JLabel("Member Name");
     gender =new JLabel("Gender");
     dob =new JLabel("DOB");
     phoneno =new JLabel("Phone No");
```

```
     save =new JButton("Save      ");
     clear =new JButton("Clear      ");
     back =new JButton("<-");
```

```
     String[] choice = {"Select","Male", "Female", "Others", "Prefer to not
Say"};
```

```
cmb1 = new JComboBox(choice);

Font f1 = new Font("Times New Roman",Font.BOLD,20);
Font f2 = new Font("Arial",Font.ITALIC,30);

home_insurance.setFont(f1);
member_name.setFont(f1);
gender.setFont(f1);
dob.setFont(f1);
age.setFont(f1);
phoneno.setFont(f1);

back.setFont(f1);
save.setFont(f1);
clear.setFont(f1);
cmb1.setFont(f1);

txt1.setFont(f1);
txt2.setFont(f1);
txt3.setFont(f1);
txt4.setFont(f1);
txt5.setFont(f1);

add(txt1);
add(txt2);
add(txt3);
add(txt4);
add(txt5);
add(cmb1);

add(age);
add(member_name);
```

```
add(gender);
add(dob);
add(phoneno);

add(save);
add(clear);

add(back);

add(home_insurance);

txt1.setBounds(300,150,150,65);
cmb1.setBounds(300,250,150,65);
txt3.setBounds(300,350,150,65);
txt4.setBounds(300,450,150,65);
txt5.setBounds(300,550,150,65);

home_insurance.setBounds(100,50,350,75);
member_name.setBounds(100,150,150,65);
gender.setBounds(100,250,150,65);
dob.setBounds(100,350,150,65);
age.setBounds(100,450,150,65);
phoneno.setBounds(100,550,150,65);

save.setBounds(100,650,150,65);
clear.setBounds(300,650,150,65);
back.setBounds(0,0,65,65);

save.addActionListener(ml);
back.addActionListener(ml);
clear.addActionListener(ml);

addWindowListener(new WindowAdapter()
```

```
{  
    public void windowClosing(WindowEvent we)  
    {  
        System.exit(0);  
    }  
});  
}  
  
public static void main(String args[])  
{  
  
}  
}  
  
car_policy :  
  
import java.awt.*;  
import java.awt.event.*;  
import java.io.*;  
import javax.swing.*;  
import javafx.stage.WindowEvent;  
import java.lang.*;  
  
public class car_policy extends JFrame  
{  
    JButton plans,back;  
  
    JLabel lbl1, lbl2, lbl3, lbl4, lbl5, lbl6, lbl7, lbl8, lbl9, lbl10, lbl11, lbl12, lbl13, lbl14,  
    lbl15, lbl16;  
  
    MyActionListener1 ml = new MyActionListener1(this);  
  
    car_policy()  
    {
```

```
setLayout(null);  
setBounds(0,0,1600,1000);
```

lbl1 = new JLabel("Dear Policyholder");

lbl2 = new JLabel("Your Simple Home Insurance Policy entitles You to various Benefits. The sections that");

lbl3 = new JLabel("are in force under this Policy and amount of insurance available to You under each of ");

lbl4 = new JLabel("those sections, and in total, are those that You have chosen and are listed in the ");

lbl5 = new JLabel("Schedule that accompanies this Policy. This Schedule forms part of this Policy.");

lbl6 = new JLabel("We request You to keep this Policy along with the Schedule in a safe place, because");

lbl7 = new JLabel("You will need to refer to them in the event of a claim. If You claim for payment arising ");

lbl8 = new JLabel("out of loss, damage or injury during the Period of Insurance then We shall make");

lbl9 = new JLabel("payment to You as long as the claim falls within the section opted by You and You have");

lbl10 = new JLabel("complied with the Policy terms and conditions.");

lbl11 = new JLabel("We have issued this Policy to You which is the contract of insurance between You and");

lbl12 = new JLabel("Us, as consideration for Your premium, and subject to the same having been realized");

lbl13 = new JLabel("by Us. This is based on the information that You have given to Us in Your proposal");

lbl14 = new JLabel("which includes any other written statement/ communication, telephone call. This");

```
lbl15 = new JLabel("Information must be complete, correct, true and accurate in every  
respect and forms");  
lbl16 = new JLabel("part of this contract.");  
  
plans= new JButton("Get Plans");  
back= new JButton("Go Back");  
  
Font f1 = new Font("Arial",Font.ITALIC,25);  
  
lbl1.setFont(f1);  
lbl2.setFont(f1);  
lbl3.setFont(f1);  
lbl4.setFont(f1);  
lbl5.setFont(f1);  
  
lbl6.setFont(f1);  
lbl7.setFont(f1);  
lbl8.setFont(f1);  
lbl9.setFont(f1);  
lbl10.setFont(f1);  
  
lbl11.setFont(f1);  
lbl12.setFont(f1);  
lbl13.setFont(f1);  
lbl14.setFont(f1);  
lbl15.setFont(f1);  
lbl16.setFont(f1);  
  
back.setFont(f1);  
plans.setFont(f1);  
  
add(lbl1);  
add(lbl2);
```

```
add(lbl3);
add(lbl4);
add(lbl5);

add(lbl6);
add(lbl7);
add(lbl8);
add(lbl9);
add(lbl10);

add(lbl11);
add(lbl12);
add(lbl13);
add(lbl14);
add(lbl15);
add(lbl16);

add(back);
add(plans);

lbl1.setBounds(100,50,1500,25);
lbl2.setBounds(100,100,1500,25);
lbl3.setBounds(100,130,1500,25);
lbl4.setBounds(100,160,1500,25);
lbl5.setBounds(100,190,1500,25);

lbl6.setBounds(100,220,1500,25);
lbl7.setBounds(100,250,1500,25);
lbl8.setBounds(100,280,1500,25);
lbl9.setBounds(100,310,1500,25);
lbl10.setBounds(100,340,1500,25);

lbl11.setBounds(100,370,1500,25);
```

```
lbl12.setBounds(100,400,1500,25);
lbl13.setBounds(100,430,1500,25);
lbl14.setBounds(100,460,1500,25);
lbl15.setBounds(100,590,1500,25);

lbl16.setBounds(100,620,1500,25);

back.setBounds(300,700,200,65);
plans.setBounds(500,700,200,65);

back.addActionListener(ml);
plans.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        setVisible(false);
    }
});
```

Car :

```
import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class Car extends JFrame
{
    // label
1,2,3,4,5,6 are in text and lbl 7 is bgimage lbl8 is bottom line in Car frame
```

```
JLabel member_name,gender,dob,phoneno,age,car_insurance,lbl7;

JTextField txt1,txt2,txt3,txt4,txt5;

JButton save,clear,back;

JComboBox cmb1;

ImageIcon img;

MyActionListener1 ml = new MyActionListener1(this);

Car()
{
    setLayout(null);
    setBounds(0,0,550,965);

    txt1=new JTextField();
    txt2=new JTextField();
    txt3=new JTextField();
    txt4=new JTextField();
    txt5=new JTextField();

    img = new ImageIcon("p1.JPG");
    lbl7 = new JLabel(img);
    lbl7.setBounds(0,0,img.getIconWidth(), img.getIconHeight());
    lbl7.setVisible(true);

    age = new JLabel("Age");
    car_insurance = new JLabel("Car Insurance");
    member_name =new JLabel("Member Name");
    gender =new JLabel("Gender");
    dob =new JLabel("DOB");
```

```
phoneno =new JLabel("Phone No");

save =new JButton("Save      ");
clear =new JButton("Clear      ");
back =new JButton("< Back");

String[] choice = { "Select", "Male", "Female", "Others", "Prefer to not
Say" };

cmb1 = new JComboBox(choice);

Font f1 = new Font("Times New Roman",Font.BOLD,20);
Font f2 = new Font("Arial",Font.ITALIC,30);

car_insurance.setFont(f1);
member_name.setFont(f1);
gender.setFont(f1);
dob.setFont(f1);
age.setFont(f1);
phoneno.setFont(f1);

back.setFont(f1);
save.setFont(f1);
clear.setFont(f1);
cmb1.setFont(f1);

txt1.setFont(f1);
txt2.setFont(f1);
txt3.setFont(f1);
txt4.setFont(f1);
txt5.setFont(f1);

add(txt1);
```

```
add(txt2);
add(txt3);
add(txt4);
add(txt5);
add(cmb1);

add(age);
add(member_name);
add(gender);
add(dob);
add(phoneno);

add(save);
add(clear);

add(back);

add(car_insurance);

txt1.setBounds(300,150,150,65);
cmb1.setBounds(300,250,150,65);
txt3.setBounds(300,350,150,65);
txt4.setBounds(300,450,150,65);
txt5.setBounds(300,550,150,65);

car_insurance.setBounds(100,50,350,75);
member_name.setBounds(100,150,150,65);
gender.setBounds(100,250,150,65);
dob.setBounds(100,350,150,65);
age.setBounds(100,450,150,65);
phoneno.setBounds(100,550,150,65);

save.setBounds(100,650,150,65);
```

```
clear.setBounds(300,650,150,65);
back.setBounds(0,0,65,65);

save.addActionListener(ml);
back.addActionListener(ml);
clear.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        System.exit(0);
    }
});

}

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

}

family_policy :

import java.awt.*;
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import javafx.stage.WindowEvent;
import java.lang.*;

public class family_policy extends JFrame
{
    JButton plans,back;
```

```
JLabel lbl1, lbl2, lbl3, lbl4, lbl5, lbl6, lbl7, lbl8, lbl9, lbl10, lbl11, lbl12, lbl13, lbl14,  
lbl15, lbl16;
```

```
MyActionListener1 ml = new MyActionListener1(this);
```

```
family_policy()
```

```
{
```

```
    setLayout(null);  
    setBounds(0,0,1600,1000);
```

```
lbl1 = new JLabel("Dear Policyholder");
```

```
lbl2 = new JLabel("Your Simple Home Insurance Policy entitles You to various  
Benefits. The sections that");
```

```
lbl3 = new JLabel("are in force under this Policy and amount of insurance available to  
You under each of ");
```

```
lbl4 = new JLabel("those sections, and in total, are those that You have chosen and are  
listed in the ");
```

```
lbl5 = new JLabel("Schedule that accompanies this Policy. This Schedule forms part  
of this Policy.");
```

```
lbl6 = new JLabel("We request You to keep this Policy along with the Schedule in a  
safe place, because");
```

```
lbl7 = new JLabel("You will need to refer to them in the event of a claim. If You  
claim for payment arising ");
```

```
lbl8 = new JLabel("out of loss, damage or injury during the Period of Insurance then  
We shall make");
```

```
lbl9 = new JLabel("payment to You as long as the claim falls within the section opted  
by You and You have");
```

```
lbl10 = new JLabel("complied with the Policy terms and conditions.");
```

```
lbl11 = new JLabel("We have issued this Policy to You which is the contract of  
insurance between You and");  
  
lbl12 = new JLabel("Us, as consideration for Your premium, and subject to the same  
having been realized");  
  
lbl13 = new JLabel("by Us. This is based on the information that You have given to  
Us in Your proposal");  
  
lbl14 = new JLabel("which includes any other written statement/ communication,  
telephone call. This");  
  
lbl15 = new JLabel("nformation must be complete, correct, true and accurate in every  
respect and forms");  
  
lbl16 = new JLabel("part of this contract.");  
  
  
plans= new JButton("get Plans");  
back= new JButton("go Back");  
  
Font f1 = new Font("Arial",Font.ITALIC,25);  
  
lbl1.setFont(f1);  
lbl2.setFont(f1);  
lbl3.setFont(f1);  
lbl4.setFont(f1);  
lbl5.setFont(f1);  
  
lbl6.setFont(f1);  
lbl7.setFont(f1);  
lbl8.setFont(f1);  
lbl9.setFont(f1);  
lbl10.setFont(f1);  
  
lbl11.setFont(f1);  
lbl12.setFont(f1);  
lbl13.setFont(f1);  
lbl14.setFont(f1);
```

```
lbl15.setFont(f1);
lbl16.setFont(f1);

back.setFont(f1);
plans.setFont(f1);

add(lbl1);
    add(lbl2);
    add(lbl3);
    add(lbl4);
    add(lbl5);

    add(lbl6);
    add(lbl7);
    add(lbl8);

add(lbl9);
    add(lbl10);

add(lbl11);
    add(lbl12);
    add(lbl13);
    add(lbl14);
    add(lbl15);
    add(lbl16);

    add(back);
add(plans);

lbl1.setBounds(100,50,1500,25);
lbl2.setBounds(100,100,1500,25);
lbl3.setBounds(100,130,1500,25);
lbl4.setBounds(100,160,1500,25);
lbl5.setBounds(100,190,1500,25);
```

```
    lbl6.setBounds(100,220,1500,25);
    lbl7.setBounds(100,250,1500,25);
    lbl8.setBounds(100,280,1500,25);
    lbl9.setBounds(100,310,1500,25);
    lbl10.setBounds(100,340,1500,25);

    lbl11.setBounds(100,370,1500,25);
    lbl12.setBounds(100,400,1500,25);
    lbl13.setBounds(100,430,1500,25);
    lbl14.setBounds(100,460,1500,25);
    lbl15.setBounds(100,590,1500,25);

    lbl16.setBounds(100,620,1500,25);

    back.setBounds(300,700,200,65);
    plans.setBounds(500,700,200,65);

    back.addActionListener(ml);
    plans.addActionListener(ml);

    addWindowListener(new WindowAdapter()
    {
        public void windowClosing(WindowEvent we)
        {
            setVisible(false);
        }
    });
}

Family :

import java.awt.*;
```

```
import java.awt.event.*;
import java.io.*;
import javax.swing.*;
import java.lang.*;

public class Family extends JFrame
{
    // label
    1,2,3,4,5,6 are in text and lbl 7 is bgimage lbl8 is bottom line in Family frame
    JLabel member_name,gender,dob,phoneno,age,family_insurance,lbl7;

    JTextField txt1,txt2,txt3,txt4,txt5;

    JButton save,clear,back;

    JComboBox cmb1;

    ImageIcon img;

    MyActionListener1 ml = new MyActionListener1(this);

    Family()
    {
        setLayout(null);
        setBounds(0,0,550,965);

        txt1=new JTextField();
        txt2=new JTextField();
        txt3=new JTextField();
        txt4=new JTextField();
        txt5=new JTextField();

        img = new ImageIcon("p1.JPG");
        lbl7 = new JLabel(img);
```

```
lbl7.setBounds(0,0,img.getIconWidth(), img.getIconHeight());  
lbl7.setVisible(true);  
  
age = new JLabel("Age");  
family_insurance = new JLabel("Family Insurance");  
member_name =new JLabel("Member Name");  
gender =new JLabel("Gender");  
dob =new JLabel("DOB");  
phoneno =new JLabel("Phone No");  
  
save =new JButton("Save      ");  
clear =new JButton("Clear      ");  
back =new JButton("< back");  
  
String[] choice = {"Select","Male", "Female", "Others", "Prefer to not  
Say"};  
cmb1 = new JComboBox(choice);  
  
Font f1 = new Font("Times New Roman",Font.BOLD,20);  
Font f2 = new Font("Arial",Font.ITALIC,30);  
  
family_insurance.setFont(f1);  
member_name.setFont(f1);  
gender.setFont(f1);  
dob.setFont(f1);  
age.setFont(f1);  
phoneno.setFont(f1);  
  
back.setFont(f1);  
save.setFont(f1);  
clear.setFont(f1);  
cmb1.setFont(f1);
```

```
txt1.setFont(f1);
txt2.setFont(f1);
txt3.setFont(f1);
txt4.setFont(f1);
txt5.setFont(f1);

add(txt1);
add(txt2);
add(txt3);
add(txt4);
add(txt5);
add(cmb1);

add(age);
add(member_name);
add(gender);
add(dob);
add(phoneno);

add(save);
add(clear);

add(back);

add(family_insurance);

txt1.setBounds(300,150,150,65);
cmb1.setBounds(300,250,150,65);
txt3.setBounds(300,350,150,65);
txt4.setBounds(300,450,150,65);
txt5.setBounds(300,550,150,65);
```

```
family_insurance.setBounds(100,50,350,75);
member_name.setBounds(100,150,150,65);
gender.setBounds(100,250,150,65);
dob.setBounds(100,350,150,65);
age.setBounds(100,450,150,65);
phoneno.setBounds(100,550,150,65);

save.setBounds(100,650,150,65);
clear.setBounds(300,650,150,65);
back.setBounds(0,0,65,65);

save.addActionListener(ml);
back.addActionListener(ml);
clear.addActionListener(ml);

addWindowListener(new WindowAdapter()
{
    public void windowClosing(WindowEvent we)
    {
        System.exit(0);
    }
});

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

}

MyActionListener1 :

import java.awt.*;
import java.awt.event.*;
```

```
import java.io.*;
import javax.swing.*;
import javax.swing.event.InternalFrameListener;
import java.lang.*;
import java.lang.reflect.GenericDeclaration;

public class MyActionListener1 implements ActionListener
{
    Main_Frame mf;
    List ls;
    Health mf1;
    Home mf2;
    home_policy mf2_1;
    health_policy mf1_1;
    Car mf3;
    car_policy mf3_1;
    Family mf4;
    family_policy mf4_1;

    MyActionListener1(Main_Frame m)
    {
        this.mf = m;
    }

    MyActionListener1(List m)
    {
        this.ls = m;
    }

    MyActionListener1(Health m)
    {
        this.mf1 = m;
    }
}
```

```
MyActionListener1(health_policy m)
{
    this.mf1_1 = m;
}
```

```
MyActionListener1(Home m)
{
    this.mf2 = m;
}
```

```
MyActionListener1(home_policy m)
{
    this.mf2_1 = m;
}
```

```
MyActionListener1(Car m)
{
    this.mf3 = m;
}
```

```
MyActionListener1(car_policy m)
{
    this.mf3_1 = m;
}
```

```
MyActionListener1(Family m)
{
    this.mf4 = m;
}
```

```
MyActionListener1(family_policy m)
{
```

```
        this.mf4_1 = m;
    }

    public void actionPerformed(ActionEvent e)
    {

        // For List Frame (List of Insurance)
        if(e.getActionCommand().equals("Start"))
        {
            ls=new List();
            this.ls.setVisible(true);
            this.mf.setVisible(false);
        }

        // For Main Frame
        if(e.getActionCommand().equals("back"))
        {
            mf = new Main_Frame();
            this.mf.setVisible(true);
            ls.setVisible(false);
        }

        // For Health
        if(e.getActionCommand().equals("health insurances"))
        {
            mf1_1=new health_policy();
            this.mf1_1.setVisible(true);
            ls.setVisible(false);
        }

        if(e.getActionCommand().equals("Get plans"))
        {
            mf1 = new Health();
        }
    }
}
```

```
        this.mf1.setVisible(true);
        this.mf1_1.setVisible(false);
    }

    if(e.getActionCommand().equals("<|"))
    {
        ls = new List();
        this.mf1_1.setVisible(false);
        this.ls.setVisible(true);
    }

    if(e.getActionCommand().equals("Save"))
    {
        String member_name = this.mf1.txt1.getText();
        String dob = this.mf1.txt3.getText();
        String age = this.mf1.txt4.getText();
        String phoneno = this.mf1.txt5.getText();

        String Gender = (String)this.mf1.cmb1.getSelectedItem();

        Modle md = new Modle(member_name,Gender,dob,age,phoneno);

        try
        {
            md.saveObject("health.txt");
        }
        catch(Exception ef)
        {
            System.out.println(ef);
        }
        /*Modle md1 = new Modle();
        try
```

```
{  
    md1.readObject("home.txt");  
}  
catch(Exception efd)  
{  
    System.out.println(efd);  
}*/  
  
}  
  
if(e.getActionCommand().equals("Clear"))  
{  
    this.mf1.txt1.setText("");  
    this.mf1.txt3.setText("");  
    this.mf1.txt4.setText("");  
    this.mf1.txt5.setText("");  
}  
  
if(e.getActionCommand().equals("<"))  
{  
    mf1_1 = new health_policy();  
    this.mf1_1.setVisible(true);  
    this.mf1.setVisible(false);  
}  
// for health_policy  
if(e.getActionCommand().equals("<|"))  
{  
    this.mf1_1.setVisible(false);  
    this.ls.setVisible(true);  
}
```

```

// for Home Insurance

if(e.getActionCommand().equals("home insurances"))
{
    mf2_1=new home_policy();
    this.mf2_1.setVisible(true);
    ls.setVisible(false);

}

if(e.getActionCommand().equals("get plans"))
{
    mf2 = new Home();
    this.mf2.setVisible(true);
    this.mf2_1.setVisible(false);

}

if(e.getActionCommand().equals("Save      "))
{
    String member_name = this.mf2.txt1.getText();
    String dob = this.mf2.txt3.getText();
    String age = this.mf2.txt4.getText();
    String phoneno = this.mf2.txt5.getText();

    String Gender = (String)this.mf2.cmb1.getSelectedItem();

    Modle md = new Modle(member_name,Gender,dob,age,phoneno);

    try
    {
        md.saveObject("home.txt");
    }
    catch(Exception ef)
    {
        System.out.println(ef);
    }
}

```

```
/*Modle md1 = new Modle();
try
{
    md1.readObject("home.txt");
}
catch(Exception efd)
{
    System.out.println(efd);
}*/
```

}

```
if(e.getActionCommand().equals("Clear      "))
{
    this.mf2.txt1.setText("");
    this.mf2.txt3.setText("");
    this.mf2.txt4.setText("");
    this.mf2.txt5.setText("");
}
```

```
if(e.getActionCommand().equals("<-"))
{
    mf2_1 = new home_policy();
    this.mf2_1.setVisible(true);
    this.mf2.setVisible(false);
}
```

```
if(e.getActionCommand().equals("go back"))
{
    ls = new List();
    this.mf2_1.setVisible(false);
    this.ls.setVisible(true);
```

```

}

//for car policy

if(e.getActionCommand().equals("car insurances"))
{
    mf3_1=new car_policy();
    this.mf3_1.setVisible(true);
    ls.setVisible(false);
}

if(e.getActionCommand().equals("Get Plans"))
{
    mf3 = new Car();
    this.mf3.setVisible(true);
    this.mf3_1.setVisible(false);
}

if(e.getActionCommand().equals("Save      "))
{
    String member_name = this.mf3.txt1.getText();
    String dob = this.mf3.txt3.getText();
    String age = this.mf3.txt4.getText();
    String phoneno = this.mf3.txt5.getText();

    String Gender = (String)this.mf3.cmb1.getSelectedItem();

    Modle md = new Modle(member_name,Gender,dob,age,phoneno);

    try
    {
        md.saveObject("car.txt");
    }
    catch(Exception ef)
}

```

```
{  
    System.out.println(ef);  
}  
/*Modle md1 = new Modle();  
try  
{  
    md1.readObject("home.txt");  
}  
catch(Exception efd)  
{  
    System.out.println(efd);  
}*/  
  
}  
  
if(e.getActionCommand().equals("Clear"))  
{  
    this.mf3.txt1.setText("");  
    this.mf3.txt3.setText("");  
    this.mf3.txt4.setText("");  
    this.mf3.txt5.setText("");  
}  
  
if(e.getActionCommand().equals("< Back"))  
{  
    mf3_1 = new car_policy();  
    this.mf3_1.setVisible(true);  
    this.mf3.setVisible(false);  
}  
  
if(e.getActionCommand().equals("Go Back"))  
{
```

```

ls = new List();
this.mf3_1.setVisible(false);
this.ls.setVisible(true);
}

//for family policy

if(e.getActionCommand().equals("family insurances"))
{
    mf4_1=new family_policy();
    this.mf4_1.setVisible(true);
    ls.setVisible(false);
}

if(e.getActionCommand().equals("get Plans"))
{
    mf4 = new Family();
    this.mf4.setVisible(true);
    this.mf4_1.setVisible(false);
}

if(e.getActionCommand().equals("Save      "))
{
    String member_name = this.mf4.txt1.getText();
    String dob = this.mf4.txt3.getText();
    String age = this.mf4.txt4.getText();
    String phoneno = this.mf4.txt5.getText();

    String Gender = (String)this.mf4.cmb1.getSelectedItem();

    Modle md = new Modle(member_name,Gender,dob,age,phoneno);

    try
    {

```

```
        md.saveObject("family.txt");

    }

    catch(Exception ef)
    {
        System.out.println(ef);
    }

/*Modle md1 = new Modle();
try
{
    md1.readObject("home.txt");
}

catch(Exception efd)
{
    System.out.println(efd);
}*/



}

if(e.getActionCommand().equals("Clear      "))
{
    this.mf2.txt1.setText("");
    this.mf2.txt3.setText("");
    this.mf2.txt4.setText("");
    this.mf2.txt5.setText("");
}

if(e.getActionCommand().equals("< back"))
{
    mf4_1 = new family_policy();
    this.mf4_1.setVisible(true);
    this.mf4.setVisible(false);
}
```

```
if(e.getActionCommand().equals("go Back"))
{
    ls = new List();
    this.mf4_1.setVisible(false);
    this.ls.setVisible(true);
}
}

}
```

Modle :

```
import java.io.*;
public class Modle
{
    String member_name;
    String gender;
    String dob;
    String age;
    String phoneno;
```

```
Modle()
```

```
{
```

```
}
```

```
Modle(String a, String b, String c, String d, String e)
```

```
{
```

```
    this.member_name = a;
```

```
    this.gender = b;
```

```
        this.dob = c;
        this.age = d;
        this.phoneno = e;
    }

    public String toString()
    {
        return "Member Name : "+this.member_name+"Gender : "+this.gender+
        "Date Of Birth = "+this.dob+" Age: "+this.age+" Phone No :" +this.phoneno;
    }

    public String writeInFile()
    {
        return
this.member_name+","+this.gender+","+this.dob+","+this.age+","+this.phoneno;
    }

    public void saveObject(String fileName) throws IOException
    {
        File f = new File(fileName);
        System.out.println(f.exists());
        if(f.exists())
        {
            FileWriter fw = new FileWriter(fileName,true);
            fw.write("\n"+this.writeInFile());
            fw.close();
        }
        else
        {
            FileWriter fw = new FileWriter(fileName);
            fw.write(this.writeInFile());
            fw.close();
        }
    }
}
```

```
}

/*public void readObject(String fileName) throws IOException
{

    File f = new File(fileName);
    System.out.println(f.exists());
    if(f.exists())
    {
        FileReader fr = new FileReader("customer.txt");
        char ch[] = new char[1000];
        fr.read(ch);
        fr.close();
        String myStr = String.valueOf(ch);
        String data[] = myStr.split("\n");

        Modle cus[] = new Modle[data.length];
        for(int i=0;i<data.length;i++)
        {
            String attr[] = data[i].split(",");
            cus[i] = new Modle(attr[0],attr[1],attr[2],attr[3]);
        }
        for(int i=0;i<cus.length;i++)
        {
            System.out.println(cus[i]);
        }
    }
    */
}
```