INFORMATICS PRACTICES PROJECT

TOPIC: THE ROBINHOOD ARMY

(We serve the hungry)

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ROLL NO:

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SYNOPSIS

The Robin Hood Army is a volunteer based Zero funds organization that works to get surplus food from restaurants to the less fortunate sections of society in cities across India.

The Robin Hood Army, wearing green T-shirts, applies the following principles to further its cause:

1. Tie-ups and associations with restaurants to provide food in large Numbers to the homeless/less fortunate communities.

2. Introduce new volunteers on a regular basis to the system, to create an impact amongst the less fortunate and in the process inspire a community to give time and help to those who need it most.

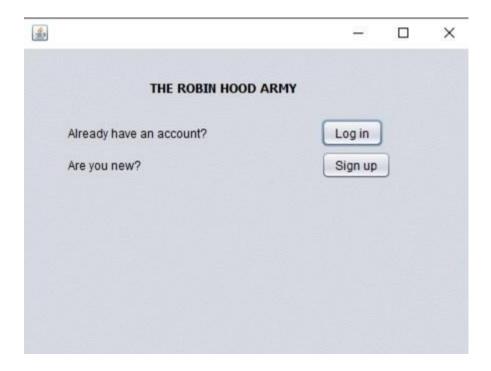# SYSTEM REQUIREMENT

1.NetBeans IDE

2.MySQL

MYSQL DATABASE

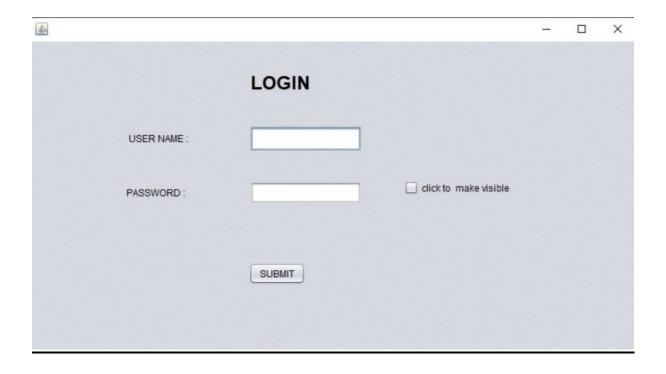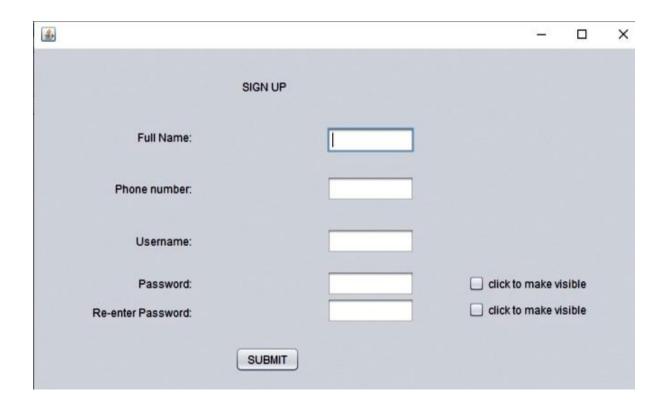### (Back End)

Database name: - info

Table 1- robin

```
mysql> use info;
Database changed
mysql> desc robin;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| name     | varchar(20) | NO   |     | NULL    |       |
| phone_no | bigint(11)  | YES  |     | NULL    |       |
| userName | varchar(20) | YES  |     | NULL    |       |
| password | varchar(20) | NO   |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
4 rows in set (0.02 sec)

mysql> select * from robin;
+--------+------------+----------+----------+
| name   | phone_no   | userName | password |
+--------+------------+----------+----------+
| ashna  | 9493723954 | ash      | impl21   |
| rashmi | 9434723954 | rash     | itc234   |
| ram    | 9434749954 | amanie   | had234   |
| tom    | 9434742754 | jerry    | nike568  |
+--------+------------+----------+----------+
4 rows in set (0.00 sec)
```

Table 2- Drive

```
mysql> desc drive;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| user_name | varchar(25) | YES  |     | NULL    |       |
| age       | int(2)      | YES  |     | NULL    |       |
| branch    | varchar(25) | YES  |     | NULL    |       |
| contact   | bigint(11)  | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
4 rows in set (0.01 sec)
```

FRAME1: THE ROBINHOOD ARMY

FRAME2: LOGIN

FRAME3: SIGNUP

FRAME4: HOME

ROBIN HOOD ARMY

Join the drive by:

[1. Food campaign]   [2. Contribute food]

The challenge is not a lack of food — it is making food consistently available to everyone who needs it.

Hunger kills more people each year than AIDS, malaria and terrorism combined

Every 10 seconds, a child dies from hunger

82% of hungry people live in countries with food surpluses, not food shortages

One in every eight people sleeps hungry each night
One-third of the food produced around the world is never consumed

[Suggestions] [EXIT]

FRAME5: PandD

(jButton- 1.Food Campaign)

UPCOMING DRIVES

Next food drive is on 17 Dec 2019

To participate please enter the details:

Name

Age

Branch

Contact no :

CONFIRM

FRAME6: CONTRIBUTE

CONTRIBUTE FOOD TO OUR CENTER

If you manage a restaurant or generally want to contribute regular meals from your family or workplace, let's connect.

Name:

Name of your organisation / restaurant:

Tell us your budget :

Contact no:

CONFIRM

FRAME7: SUGGESTIONS

FRAME 1 – THE ROBINHOOD ARMY

```java
private void b1ActionPerformed(java.awt.event.ActionEvent evt) {
dispose();
new Login().setVisible(true);}


private void b2ActionPerformed(java.awt.event.ActionEvent evt) {
dispose();
new Signup().setVisible(true);
 }
```

FRAME2 - LOGIN

```java
package investigatory;

import java.sql.*;

import javax.swing.JOptionPane;


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

String u=t1.getText();

String p= new String(p1.getPassword());

String sql="select password from robin where username='"+(u)+"'";

 try{

 Class.forName("java.sql.Driver");

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

 Statement s=con.createStatement();

 ResultSet rs=s.executeQuery(sql);

 while(rs.next()){

 String pwd=rs.getString(1);

   if(p.equals(pwd)){
            dispose();
            new home().setVisible(true);
          }
            else{
            JOptionPane.showMessageDialog(this,"Try Again");
            p1.setText("");
             }
          }
```

```java
            rs.close();

            s.close();

            con.close();

        }

        catch(Exception e){

            JOptionPane.showMessageDialog(this,e.getMessage());

        }

    }


    private void chk1ActionPerformed(java.awt.event.ActionEvent evt) {

    if(chk1.isSelected())

        {

         p1.setEchoChar((char) 0);

        }

        else{

         p1.setEchoChar('*');

    }
```

FRAME3 - SIGN UP

```java
package investigatory;

import java.sql.*;

import javax.swing.*;


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

try{

Class.forName("java.sql.Driver");

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

Statement s=con.createStatement();

String n=t1.getText();

long p=Long.parseLong(t2.getText());

String u=t3.getText();

String pwd=new String(p1.getPassword());

String rpwd=new String(p2.getPassword());

if(pwd.equals(rpwd))

{

String sql="insert into robin values('"+(n)+"',"+(p)+",'"+(u)+"','"+(pwd)+"')";

 s.executeUpdate(sql);

 JOptionPane.showMessageDialog(this,"Welcome! Let's strat serving"+""+n);

 t1.setText(" ");

 t2.setText(" ");

 t3.setText(" ");

 p1.setText(" ");
```

```java
 p2.setText(" ");

 dispose();

 new home().setVisible(true);

 }

 else

{

    JOptionPane.showMessageDialog(this,"The Entered Password Does Not
Match. Please Try Again!");

  p1.setText(" ");

  p2.setText(" ");

}

s.close();

con.close();

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e.getMessage());

}

}

private void chk1ActionPerformed(java.awt.event.ActionEvent evt) {

if(chk1.isSelected())

{

p1.setEchoChar((char)0);

}

else

{

 p2.setEchoChar('*');

}

    }
```

FRAME4 – HOME

```java
private void b5ActionPerformed(java.awt.event.ActionEvent evt) {
System.exit(0);
}


private void b2ActionPerformed(java.awt.event.ActionEvent evt) {
dispose();
new PandD().setVisible(true);
}


private void b3ActionPerformed(java.awt.event.ActionEvent evt) {
dispose();
new restaurants().setVisible(true);
}


private void b4ActionPerformed(java.awt.event.ActionEvent evt) {
dispose();
new suggestions().setVisible(true);
}
```

FRAME6 - CONTRIBUTE

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
String a=t1.getText();
String b=t2.getText();
double c=Double.parseDouble(t3.getText());
long p=Long.parseLong(t4.getText());
if(c>5000)
    {
    t5.setText("Our team will contact you soon");
    }
else
    {
    t5.setText("Your budget seems to be insufficient");
    }
}
```

FRAME5: PandD

(jButton- 1.Food Campaign)

```java
package investigatory;

import java.sql.*;

import javax.swing.*;

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

    try{

    Class.forName("java.sql.Driver");

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

    Statement s=con.createStatement();

    String n=t1.getText();

    int a=Integer.parseInt(t2.getText());

    String b=t3.getText();

    long p=Long.parseLong(t4.getText());

    String sql="Insert into drive
values('"+(n)+"',"+(a)+",'"+(b)+"',"+(p)+")";

    s.executeUpdate(sql);

    JOptionPane.showMessageDialog(this,"You can join the drive and
details will be forwarded!!");

    t1.setText("");

    t2.setText("");

    t3.setText("");

    t4.setText("");

    s.close();

    con.close(); }

    catch(Exception e)

    { JOptionPane.showMessageDialog(this, e.getMessage()); }
```

FRAME7 - SUGGESTIONS

package investigatory;

import java.sql.*;

import javax.swing.JOptionPane;

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

JOptionPane.showMessageDialog(this,"Thank you for your valuable words !!");

}

BIBLIOGRAPHY

- Informatics practices NCERT Textbook – XII

- Google - search engine