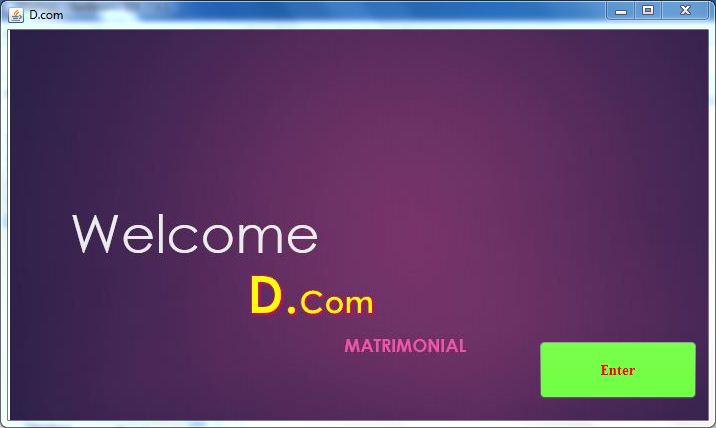
I/O Forms Design and Event Coding



**CODING FOR ENTER BUTTON**

new Entry().setVisible(true);

****

**public static String nm,sm,in,hb,r,p,d,pc,a,v,g;**

**CODING FOR SUMBIT BUTTON:**

nm=jTextField1.getText();

sm=jTextField2.getText();

a=jTextField3.getText();

in=(String)jComboBox1.getSelectedItem();

hb=jTextField4.getText();

if (jRadioButton1.isSelected())

r="surat";

else if(jRadioButton2.isSelected())

r="Rajkot";

else if(jRadioButton3.isSelected())

r="Saurastra";

p=jPasswordField1.getText();

if(jRadioButton4.isSelected())

g="male";

else

g="female";

try {

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

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

Statement s=null;

ResultSet r1=null;

s=c.createStatement();

r1=s.executeQuery("select \* from dating");

s.executeUpdate("insert into dating values('"+nm+"','"+sm+"','"+a+"','"+in+"','"+hb+"','"+r+"','"+p+"','"+g+"')");

} catch (Exception e) {

}JOptionPane.showMessageDialog(null,"Added");

new profile().setVisible(true);

**CODING FOR LOGIN BUTTON:**

public static String nm,sm,in,hb,r,p,d,pc,a,v,g;

private void jButton2ActionPerformed(java.awt.event.ActionEventevt) {

d=JOptionPane.showInputDialog(null,"Enter name");

pc=JOptionPane.showInputDialog(null,"Enter Password");

try {

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

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

Statement s=null;

ResultSet r1=null;

s=c.createStatement();

r1=s.executeQuery("select \* from dating where name='"+d+"' and password='"+pc+"' ");

while(r1.next())

{

new profile().setVisible(true);

nm=r1.getString(1);

sm=r1.getString(2);

a=r1.getString(3);

in=r1.getString(4);

hb=r1.getString(5);

r=r1.getString(6);

g=r1.getString(8); }}

catch (Exception e) {

joptionpane.showMessageDialog(null,e.getMessage());}

**CODING FOR WINDOW OPENED EVENT:**

jTextArea1.setText("Name :"+ Entry.nm+"

"+Entry.sm+"\n"+"\n"+"age

:"+Entry.a+"\n"+"\n"+"Interestedin :"

+Entry.in+"\n"+"\n"+"Hobbies

:"+Entry.hb+"\n"+

"\n"+"Gender:"+Entry.g+"\n"+ \

"\n"+"Residency:"+Entry.r);

jTextArea1.setEditable(false);

**CODING FOR SEARCH BUTTON:**

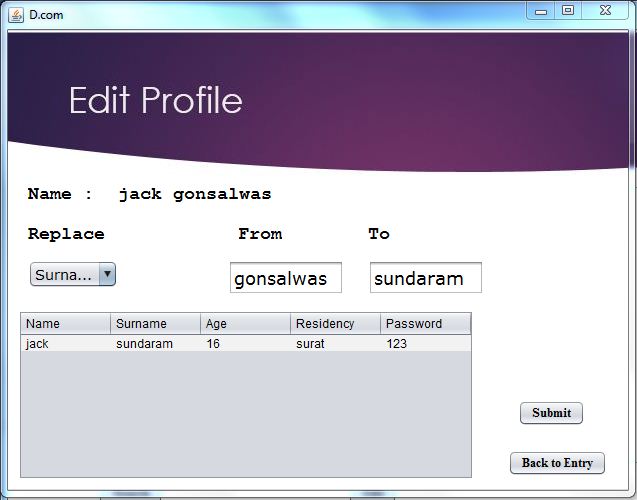
new probable\_matc().set Visible(true);

**CODING FOR EDIT BUTTON:**

new Edit\_Profile().setVisible(true);

**CODING FOR BACK TO ENTRY BUTTON:**

new Entry().setVisible(true);



**CODING FOR WINDOW OPENED EVENT:**

String n= JOptionPane.showInputDialog(null,"Enter name");

String sr=JOptionPane.showInputDialog(null,"Enter surname");

String ne = null ,se = null,i = null,h = null,re = null,ar = null,ge= null;

try {

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

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

Statement s=null;

ResultSet r1=null;

s=c.createStatement();

r1=s.executeQuery("select \* from dating where name='"+n+"' and surname='"+sr+"' ");

while(r1.next()) {

new profile().setVisible(true);

ne=r1.getString(1);

se=r1.getString(2);

ar=r1.getString(3);

i=r1.getString(4);

h=r1.getString(5);

re=r1.getString(6);

ge=r1.getString(8); } }

catch (Exception e) }

**CODING FOR SUMBIT BUTTON:**

public static String r3=Entry.nm;

private void jButton1ActionPerformed(java.awt.event.ActionEventevt) {

String r2=(String) jComboBox1.getSelectedItem();

String f=jTextField1.getText();

String t=jTextField2.getText();

String n,su,a,r,p;

DefaultTableModel m=(DefaultTableModel)jTable1.getModel();

try {

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

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

Statement s=null;

ResultSet r1=null;

s=c.createStatement();

int r4= s.executeUpdate("update dating set "+r2+"='"+t+"' where name='"+r3+"'");

r1= s.executeQuery("select \* from dating where name='"+r3+"'");

if(r1.next()) {

n=r1.getString(1);

su=r1.getString(2);

a=r1.getString(3);

r=r1.getString(6);

p=r1.getString(7);

m.addRow(new Object[]{n,su,a,r,p});

jTable1.setModel(m);}

if(r4==0)

JOptionPane.showMessageDialog(null, "try again");

Else

JOptionPane.showMessageDialog(null, "done");

} catch (Exception e) {

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

**CODING FOR BACK TO ENTRY BUTTON:**

new Entry().setVisible(true);



**CODING FOR WINDOW OPENED EVENT:**

String cm= Entry.hb;

String l=Entry.g;

String x= null;

if(l.equals("male"))

x="Female";

else x="male";

String nm,sr,ag,r2;

DefaultTableModel m=(DefaultTableModel)jTable1.getModel();

try {

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

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

Statement s=null;

ResultSet r1=null;

s=c.createStatement();

r1=s.executeQuery("select \* from dating where Hobbies='"+cm+"' and gender='"+x+"'" );

while(r1.next()) {

nm=r1.getString(1);

sr=r1.getString(2);

ag=r1.getString(3);

r2=r1.getString(6);

m.addRow(new Object[]{nm,sr,ag,r2});

jTable1.setModel(m); } }

catch (Exception e) { }

**CODING FOR FIND BUTTON:**

new Sreasult().setVisible(true);

**CODING FOR BACK TO HOME BUTTON:**

new Entry().setVisible(true);



**CODING FOR WINDOW OPENED EVENT**

String n= JOptionPane.showInputDialog(null,"Enter name");

String sr=JOptionPane.showInputDialog(null,"Enter surname");

String ne = null ,se = null,i = null,h = null,re = null,ar = null,ge= null;

try {

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

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

Statement s=null;

ResultSet r1=null;

s=c.createStatement();

r1=s.executeQuery("select \* from dating where name='"+n+"' and surname='"+sr+"' ");

while(r1.next()) {

new profile().setVisible(true);

ne=r1.getString(1);

se=r1.getString(2);

ar=r1.getString(3);

i=r1.getString(4);

h=r1.getString(5);

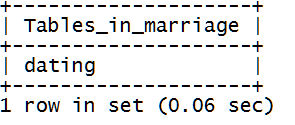
re=r1.getString(6);

ge=r1.getString(8); } }

catch (Exception e) { }

* Database Design:

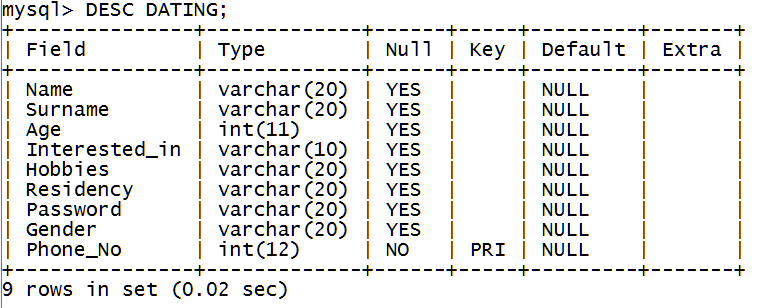
An important aspect of system design is the design of data storage structure. To begin with a logical model of data structure is developed first. A database is a container object which contains tables, queries, reports and data validation policies enforcement rules or constraints etc. A logical data often represented as a records are kept in different tables after reducing anomalies and redundancies. The goodness of data base design lies in the table structure and its relationship.



This software project maintains a database named Marriage which contains the table on the next page.

* Table Design:

The database of D.COM system contains 1 table. The table is normalised to minimize the redundancies of data and enforcing the validation rules of the organization. The tables is designed to store master records. The table and its structure are given below:



FRONT

ENTRY$1

EDITPROFILE$1