**Logo

Description automatically generatedDocumentation**

**Medical Fitness Centre**

**Under supervision**  
Dr. Mohamed Abdelfattah  
Eng. Ibrahim Afify

****

**Prepared by:**

* Rana Farid Shawki.
* Rola Hossam El-Din.
* Rawan Hossam Ibrahim.
* Menna Tullah Shaaban.
* Abdel Moniem Elsayed Abdel Moniem.

**Abstract**

* Medical fitness facilities are not traditional Gyms. Exercise programs are designed by certified fitness professionals, following approved techniques to provide a safe and effective exercise program tailored to the need of each patient.
* Obesity is a complex disease and exercise is a critical element in achieving effective weight loss. However, many overweight or obese patients are not ready to join a gym or exercise on their own. Here, we can train them in a safe, non-confrontational environment.
* Our specialized programs for seniors and other people with physical limitations can give them the individualized attention they require. We can do a complete health and fitness evaluation and provide them with a medically safe, doctor-supervised exercise program.

**Introduction**

* We all agree that medical fitness centre is very important because it can focus on many aspects of health and wellness instead of just fitness.
* Our aim is to provide a full health risk assessment and design suitable exercise classes for people who have Parkinson’s disease or any other people with special needs.
* Medical check-up: As we mentioned before there must be a physician who examine trainees monthly so that he could provide the suitable and healthy exercises. When there is an accident / injury while training the physician could aid people rapidly.
* People with special needs coach: People with special needs could have a suitable exercises with a well-trained coach.
* Lab: Every person who wants to join must undergo some of the necessary analyzes to ensure his health and if he suffers from some diseases such as blood pressure or diabetes to determine special exercises that suit his health condition or if he is using drugs that are Cause his death while performing hard exercises.
* Exercise has been shown to improve medical outcomes in chronic diseases such as diabetes, hypertension, and coronary artery disease. However, few individuals know how to begin a safe, effective exercise program.

**ERD**

**Diagram

Description automatically generated**

* **Description:**

ERDIdentifies information required by the business by displaying the relevant entities and the relationships between them. In building a data model a number of questions must be addressed:– What entities need to be described in the model?– What characteristics or attributes of those entities need to be recorded?– Can an attribute or a set of attributes be identified that will uniquely identifyOne specific occurrence of an entity?– What associations or relationships exist between entities?

**This Diagram Consists of:**

* **Entities , Attributes and Relationships :**

1. Login (Login username, Login id, Login password).
2. Admin (Username, User id, User Email, User Mobile, User Address-User Gender).
3. Manager (Manager Name, Manager Id, Manager Mobile, Manager Email, Manager Level).
4. Trainer (Trainer Name, Trainer id, Trainer Mobile, Trainer Email, Trainer Address).
5. Member(Mem Name , Mem id, Mem address, Mem age , Mem Mobile, Mem DOB, Mem password, Mem Email, Mem gender ).
6. Medical check up (Full Name, Health condition, Service, MRN, age, Prescription).
7. Lab (Lab id, Technician Name, Doctor Name).
8. Schedule (Schedule id, Schedule Description).
9. Payment Gateway (Payment Amount, Registration No, Payment Data).
10. Reports (Report NO, Report Attendance, Report Activity, Report Weekly).

**Mapping**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_id | User \_Email | User \_Address | User \_mobile | User \_gender | User \_Name |

**Admin (user)**

**Login**

|  |  |  |  |
| --- | --- | --- | --- |
| User\_id | Login \_id | Login \_username | Login\_password |

**Member**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_id | Mem\_id | Mem\_Name | Mem\_address | Mem\_age | Mem\_Mobile |
| Registration\_ No | Mem\_DOB | Mem\_gender | Mem\_password | Mem\_email |

|  |  |  |  |
| --- | --- | --- | --- |
| Mem \_id | Registration\_ No | Payment\_amount | Payment\_Data |

**Payment Gateway**

**Member\_has \_Medical Checkup**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mem \_id | User\_id | Registration\_ No | MRN | Lab\_id |

**Medical Checkup**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Lab\_id | MRN | Service | Full\_Name | Health\_condition | Age | Prescription |

|  |  |  |  |
| --- | --- | --- | --- |
| MRN | Lab\_id | Doctors\_Name | Technician\_Name |

**Lab**

**Trainer**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User\_id | Trainer\_id | Trainer\_Email | Trainer\_name | Trainer\_mobile | Trainer\_Address |

**Fit\_Schedule\_has\_Trainer**

|  |  |  |
| --- | --- | --- |
| Fit\_Schedule\_No | Trainer\_id | User\_id |

**Schedule**

|  |  |  |
| --- | --- | --- |
| Trainer\_id | Schedule\_id | Schedule\_describtion |

**Manager**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Manager\_id | Manager\_Email | Manager\_mobile | Manager\_name | Manager\_Level |

**Manager\_has\_Report**

|  |  |
| --- | --- |
| Manager\_id | Report\_No |

**Reports**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Manager\_id | Report\_No | Report\_Attendance | Report\_weekly | Report\_Activity |

* **Description:**

We introduce here a twelve-step process for specifying relations based on an E-R diagram. we will use this twelve-step process to develop a well-constrained relational database implementation. Follow along as we map the E-R diagram.

**1.** Create a separate relational table for each entity.This a logical starting point when mapping an E-R diagram into a relational database model. It is generally useful first to specify the database schema before proceeding to expansion of the relations to account for specific tuples. To complete the schema, however, steps 2 and 3 must also be completed.**2.** Determine the primary key for each of the relations. The primary key must uniquely identify any row within the table.**3.** Determine the attributes for each of the entities

**4.** Implement the relationships among the entities. This is accomplished by ensuring that the primary key in one table also exists as an attribute in every table (entity)for which there is a relationship specified in the entity-relationship diagram.

**Primary Key:** an attribute of an entity type for which each entity must have a unique value.

**Foreign Key:** Attributes that define relationships between entities. The attributes of a foreign key in one entity are the attributes of a primary key in another entity.

**Entities primary and foreign keys:**

1. Login (PK: Login id, FK: User id).
2. Admin (PK: User id).
3. Manger(PK: Manager id)
4. Manager Has Reports (FK: Report NO, Manager Id).
5. Trainer (PK: Trainer id, FK: User id).
6. Fit Schedule Has trainer (FK: User id, Trainer id, Fit Schedule NO).
7. Member (PK: Mem id, FK: User id, Registration NO).
8. Medical check up (PK: MRN, FK: Lab id).
9. Member has Medical Checkup (FK: Mem id, User id, Registration No, MRN, Lab id).
10. Lab (PK: Lab id, FK: MRN).
11. Schedule (PK: Schedule id, FK: Trainer id).
12. Payment gateway (PK: Registration No, FK: Mem id).
13. Reports (PK: Report No, FK: Manager Id).

**GUI**

1. **Main Screen**

****

* **Description**

- This Screen is the first screen. It is like a welcome screen to enable the user to enter the other sections.

* **Code**

public class Main\_screen extends javax.swing.JFrame {

/\*\*

\* Creates new form Main\_screen

\*/

public Main\_screen() {

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() {

jPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

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

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

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(134, 230, -1, -1));

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 340, -1, -1));

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 270, -1, -1));

jTextField1.setBackground(new java.awt.Color(51, 153, 255));

jTextField1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

jTextField1.setForeground(new java.awt.Color(255, 255, 255));

jTextField1.setText(" Welcome");

jTextField1.addActionListener(new java.awt.event.ActionListener() {

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

jTextField1ActionPerformed(evt);

}

});

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(-1, 2, 750, 60));

jLabel1.setIcon(new javax.swing.ImageIcon("C:\\Users\\user\\Desktop\\is\_project\\2.jpeg")); // NOI18N

jLabel1.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

jLabel1MouseClicked(evt);

}

});

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(-60, 60, 800, 410));

pack();

}// </editor-fold>

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

}

private void jLabel1MouseClicked(java.awt.event.MouseEvent evt) {

this.setVisible(false);

Login n=new Login();

n.setVisible(true);

}

/\*\*

\* @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(Main\_screen.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) { java.util.logging.Logger.getLogger(Main\_screen.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) { java.util.logging.Logger.getLogger(Main\_screen.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 Main\_screen().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

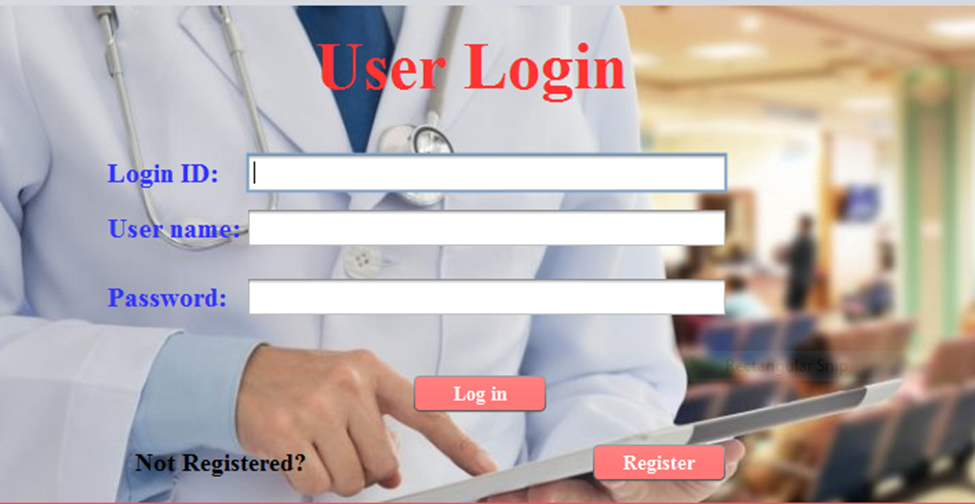
private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

1. ** Login**

* **Description**

- In case of having an account user of the system (Admin) enters in this screen to make sure that he is authorized to use the system by his login ID and account username and chosen password. If he was a new user or admin that means he might not have an account so he has to click the Register button and enter the registration screen.

* **Code**

import java.sql.Connection;

import java.sql.DriverManager;

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;

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*\*

\*

\* @author user

\*/

public class Login extends javax.swing.JFrame {

/\*\*

\* Creates new form Login

\*/

public Login() {

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() {

jLabel5 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

id\_ = new javax.swing.JTextField();

password\_ = new javax.swing.JPasswordField();

register = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

login = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();

username\_ = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

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

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

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 48)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 51, 51));

jLabel1.setText("User Login");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 20, 280, -1));

getContentPane().add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(690, 50, -1, -1));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 20)); // NOI18N

jLabel2.setForeground(new java.awt.Color(51, 51, 255));

jLabel2.setText("Password:");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 190, 170, 50));

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 20)); // NOI18N

jLabel3.setForeground(new java.awt.Color(51, 51, 255));

jLabel3.setText("Login ID:");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 100, 170, 50));

id\_.setToolTipText("");

id\_.addActionListener(new java.awt.event.ActionListener() {

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

id\_ActionPerformed(evt);

}

});

getContentPane().add(id\_, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 110, 350, 30));

password\_.addActionListener(new java.awt.event.ActionListener() {

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

password\_ActionPerformed(evt);

}

});

getContentPane().add(password\_, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 200, 350, 30));

register.setBackground(new java.awt.Color(255, 102, 102));

register.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

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

register.setText("Register");

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

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

registerActionPerformed(evt);

}

});

getContentPane().add(register, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 320, 100, 30));

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel4.setText("Not Registered?");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 320, -1, 30));

login.setBackground(new java.awt.Color(255, 102, 102));

login.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

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

login.setText("Log in");

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

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

loginActionPerformed(evt);

}

});

getContentPane().add(login, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 270, 100, 30));

jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 20)); // NOI18N

jLabel6.setForeground(new java.awt.Color(51, 51, 255));

jLabel6.setText("User name:");

getContentPane().add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 100, 170, 130));

username\_.setToolTipText("");

username\_.addActionListener(new java.awt.event.ActionListener() {

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

username\_ActionPerformed(evt);

}

});

getContentPane().add(username\_, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 150, 350, 30));

jLabel9.setIcon(new javax.swing.ImageIcon(getClass().getResource("/LOG IN.jpeg"))); // NOI18N

getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 840, 410));

pack();

}// </editor-fold>

private void id\_ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void password\_ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

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

this.setVisible(false);

Registration g = new Registration();

g.setVisible(true);

}

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

int id =Integer.parseInt(id\_.getText());

String username = username\_.getText();

String password =new String(password\_.getPassword())

try {

boolean flag=false;

Connection con= DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement stmt = con.createStatement();

String query="select User\_id, User\_Name, User\_mobile from my\_project.admin";

ResultSet rs = stmt.executeQuery(query);

while (rs.next()) {

int ID\_=rs.getInt("User\_id");

String user\_name = rs.getString("User\_Name");

String pass\_ = rs.getString("User\_mobile");

if(username.equals(user\_name) && password.equals(pass\_))

{

flag=true;

break;

}

}

if(flag)

{

manager\_screen r =new manager\_screen();

r.setVisible(true);

}

else

{

JOptionPane.showMessageDialog(this , "Not found ");

}

} catch (SQLException ex) {

Logger.getLogger(Login.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void username\_ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Login.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 Login().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField id\_;

private javax.swing.JLabel jLabel1;

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 jLabel9;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JButton login;

private javax.swing.JPasswordField password\_;

private javax.swing.JButton register;

private javax.swing.JTextField username\_;

// End of variables declaration

}

1. ** Admin Registration**

* **Description**

- This interface is very essential including detailed entry of admin registration data where he should enter the name, id ,E-mail ,Mobile ,Address and gender” male or female through radio buttons” .

- There are three buttons where the ‘Next’ button transfers to the next screen , the ‘Reset Button allows to enter the data secondly in case of errors ,delete the last data and the ‘Back Button allows to go to the previous screen.

* **Code**

import java.sql.Connection;

import java.sql.DriverManager;

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;

/\*\*

\*

\* @author Dell

\*/

public class Registration extends javax.swing.JFrame {

/\*\*

\* Creates new form Registration

\*/

public Registration() {

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() {

buttonGroup1 = new javax.swing.ButtonGroup();

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

A\_Email = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

A\_Mobile = new javax.swing.JTextField();

A\_Adress = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

Reset = new javax.swing.JButton();

A\_Back = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

A\_ID = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

male = new javax.swing.JRadioButton();

female = new javax.swing.JRadioButton();

jLabel14 = new javax.swing.JLabel();

A\_Name = new javax.swing.JTextField();

A\_Next = new javax.swing.JButton();

jLabel7 = new javax.swing.JLabel(); setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel1.setText("Admin Registration");

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 40, -1, -1));

jLabel2.setFont(new java.awt.Font("Tahoma", 2, 14)); // NOI18N

jLabel2.setText("Please enter your registration data then click 'Next' button");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 70, 753, 25));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel3.setForeground(new java.awt.Color(0, 0, 153));

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(44, 141, 55, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel4.setForeground(new java.awt.Color(0, 0, 153));

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(44, 179, -1, -1));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel5.setForeground(new java.awt.Color(0, 0, 153));

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(44, 217, -1, -1));

jPanel1.add(A\_Email, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 210, 230, 30));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel6.setForeground(new java.awt.Color(0, 0, 153));

jLabel6.setText("E-mail");

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 220, -1, -1));

jPanel1.add(A\_Mobile, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 250, 230, 30));

jPanel1.add(A\_Adress, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 290, 230, 30));

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel8.setForeground(new java.awt.Color(0, 0, 153));

jLabel8.setText("Mobile");

jPanel1.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 260, -1, -1));

Reset.setBackground(new java.awt.Color(0, 0, 153));

Reset.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

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

Reset.setText("Reset");

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

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

ResetActionPerformed(evt);

}

});

jPanel1.add(Reset, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 410, 88, 30));

A\_Back.setBackground(new java.awt.Color(0, 0, 153));

A\_Back.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

A\_Back.setForeground(new java.awt.Color(255, 255, 255));

A\_Back.setText("Back");

A\_Back.addActionListener(new java.awt.event.ActionListener() {

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

A\_BackActionPerformed(evt);

}

});

jPanel1.add(A\_Back, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 410, 80, 30));

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel9.setForeground(new java.awt.Color(0, 0, 153));

jLabel9.setText("Address");

jPanel1.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 300, -1, -1));

jPanel1.add(A\_ID, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 170, 230, 30));

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel10.setForeground(new java.awt.Color(0, 0, 153));

jLabel10.setText("Name");

jPanel1.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 140, -1, -1));

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel11.setForeground(new java.awt.Color(0, 0, 153));

jLabel11.setText("ID");

jPanel1.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 180, 20, -1));

jLabel13.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel13.setForeground(new java.awt.Color(0, 0, 153));

jLabel13.setText("Gender");

jPanel1.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 350, -1, -1));

buttonGroup1.add(male);

male.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

male.setText("Male");

jPanel1.add(male, new org.netbeans.lib.awtextra.AbsoluteConstraints(200, 350, -1, -1));

buttonGroup1.add(female);

female.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

female.setText("Female");

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

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

femaleActionPerformed(evt);

}

});

jPanel1.add(female, new org.netbeans.lib.awtextra.AbsoluteConstraints(310, 350, -1, -1));

jLabel14.setText("jLabel14");

jPanel1.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(600, 110, 0, 370));

A\_Name.addActionListener(new java.awt.event.ActionListener() {

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

A\_NameActionPerformed(evt);

}

});

jPanel1.add(A\_Name, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 130, 230, 30));

A\_Next.setBackground(new java.awt.Color(0, 51, 153));

A\_Next.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

A\_Next.setForeground(new java.awt.Color(255, 255, 255));

A\_Next.setText("Next");

A\_Next.addActionListener(new java.awt.event.ActionListener() {

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

A\_NextActionPerformed(evt);

}

});

jPanel1.add(A\_Next, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 410, 80, 30));

jLabel7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/mfc.jpeg"))); // NOI18N

jPanel1.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 990, 480));

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>

private void A\_NameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

private void A\_BackActionPerformed(java.awt.event.ActionEvent evt) {

this.setVisible(false);

Login g=new Login();

g.setVisible(true);

}

private void A\_NextActionPerformed(java.awt.event.ActionEvent evt) {

//INSERT

if (A\_ID.getText().equals("") || A\_Email.getText().equals("") || A\_Name.getText().equals("")||A\_Mobile.getText().equals("")||A\_Adress.getText().equals(""))

{

JOptionPane.showMessageDialog(this, "This feild is required");

}

else

{

int ID=Integer.parseInt(A\_ID.getText());

String Email=A\_Email.getText();

String Name=A\_Name.getText();

int Mobile=Integer.parseInt(A\_Mobile.getText());

String Address=A\_Adress.getText();

String Gender=male.getText();

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement st=con.createStatement();

String sql="insert into admin (User\_id,User\_email,User\_Name,User\_mobile,User\_address,User\_gender) values('"+ID+"','"+Email+"','"+Name+"','"+Mobile+"','"+Address+"','"+Gender+"')";

st.executeUpdate(sql);

A\_ID.setText("");

A\_Email.setText("");

A\_Name.setText("");

A\_Mobile.setText("");

A\_Adress.setText("");

String selection=null;

if(male.isSelected())

{

selection="Male selected";

}

else

{

selection="Female selected";

}

this.setVisible(false);

manager\_screen f =new manager\_screen();

f.setVisible(true);

} catch (SQLException ex) {

Logger.getLogger(Registration.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

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

int ID=Integer.parseInt(A\_ID.getText());

//DELETE

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement st=con.createStatement();

String sql = "delete from admin WHERE User\_id='"+ID+"'";

st.executeUpdate(sql);

A\_ID.setText("");

A\_Email.setText("");

A\_Name.setText("");

A\_Mobile.setText("");

A\_Adress.setText("");

} catch (SQLException ex) {

Logger.getLogger(Registration.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

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

} catch (InstantiationException ex) { java.util.logging.Logger.getLogger(Registration.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) { java.util.logging.Logger.getLogger(Registration.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) { java.util.logging.Logger.getLogger(Registration.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 Registration().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField A\_Adress;

private javax.swing.JButton A\_Back;

private javax.swing.JTextField A\_Email;

private javax.swing.JTextField A\_ID;

private javax.swing.JTextField A\_Mobile;

private javax.swing.JTextField A\_Name;

private javax.swing.JButton A\_Next;

private javax.swing.JButton Reset;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JRadioButton female;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

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;

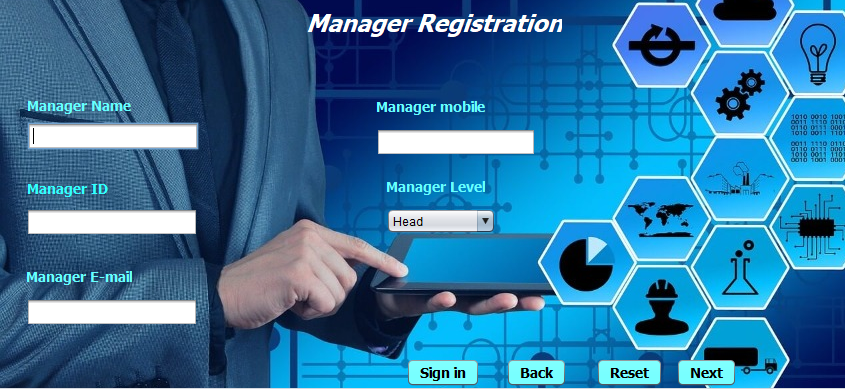
private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JRadioButton male;

// End of variables declaration

}

1. ** Manager Registration**

* **Description**
* This screen shows the managers who will be appointed to manage the center, whether they are financial managers, supervisors or heads easily, and this requires entering some basic data for the trainer such as name, identity, e-mail and mobile, and the job title will be determined.
* - There are four buttons, the first (sign in) to complete the registration and move to the next screen, the second (Back) to return to the previous screen, and the third (Reset) which allows deleting data and re-enter it again in the event of an error or in case of wanting to enter new data again and the last one is (Next) to go to the next screen, .

**Code**

* import java.sql.Connection;
* import java.sql.DriverManager;
* import java.sql.SQLException;
* import java.sql.Statement;
* import java.util.logging.Level;
* import java.util.logging.Logger;
* import javax.swing.JOptionPane;
* /\*
* \* To change this license header, choose License Headers in Project Properties.
* \* To change this template file, choose Tools | Templates
* \* and open the template in the editor.
* \*/
* /\*\*
* \*
* \* @author Dell
* \*/
* public class manager\_screen extends javax.swing.JFrame {
* /\*\*
* \* Creates new form manager\_screen
* \*/
* public manager\_screen() {
* 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() {
* jPanel2 = new javax.swing.JPanel();
* jLabel1 = new javax.swing.JLabel();
* jLabel2 = new javax.swing.JLabel();
* Manager\_name = new javax.swing.JTextField();
* jLabel3 = new javax.swing.JLabel();
* Manager\_id = new javax.swing.JTextField();
* jLabel4 = new javax.swing.JLabel();
* Manager\_mail = new javax.swing.JTextField();
* jLabel5 = new javax.swing.JLabel();
* Manager\_phone = new javax.swing.JTextField();
* jLabel6 = new javax.swing.JLabel();
* jComboBox1 = new javax.swing.JComboBox<>();
* jPanel1 = new javax.swing.JPanel();
* Back = new javax.swing.JButton();
* Sign\_in = new javax.swing.JButton();
* Rest = new javax.swing.JButton();
* Next = new javax.swing.JButton();
* setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);
* setAutoRequestFocus(false);
* getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
* jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
* jLabel1.setFont(new java.awt.Font("Tahoma", 3, 24)); // NOI18N
* jLabel1.setForeground(new java.awt.Color(255, 255, 255));
* jLabel1.setText("Manager Registration");
* jPanel2.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(310, 10, -1, -1));
* jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* jLabel2.setForeground(new java.awt.Color(102, 255, 255));
* jLabel2.setText("Manager Name");
* jPanel2.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 99, -1, -1));
* jPanel2.add(Manager\_name, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 124, 172, -1));
* jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* jLabel3.setForeground(new java.awt.Color(51, 255, 255));
* jLabel3.setText("Manager ID");
* jPanel2.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 182, -1, -1));
* Manager\_id.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* Manager\_idActionPerformed(evt);
* }
* });
* jPanel2.add(Manager\_id, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 210, 172, -1));
* jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* jLabel4.setForeground(new java.awt.Color(102, 255, 255));
* jLabel4.setText("Manager E-mail");
* jPanel2.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 270, -1, -1));
* Manager\_mail.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* Manager\_mailActionPerformed(evt);
* }
* });
* jPanel2.add(Manager\_mail, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 300, 172, -1));
* jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* jLabel5.setForeground(new java.awt.Color(102, 255, 255));
* jLabel5.setText("Manager mobile");
* jPanel2.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 100, -1, -1));
* Manager\_phone.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* Manager\_phoneActionPerformed(evt);
* }
* });
* jPanel2.add(Manager\_phone, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 130, 160, -1));
* jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* jLabel6.setForeground(new java.awt.Color(102, 255, 255));
* jLabel6.setText("Manager Level");
* jPanel2.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 180, -1, -1));
* jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Head", "supervisor", "Financial" }));
* jPanel2.add(jComboBox1, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 210, 110, -1));
* Back.setBackground(new java.awt.Color(102, 255, 255));
* Back.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* Back.setText("Back");
* Back.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* BackActionPerformed(evt);
* }
* });
* jPanel1.add(Back);
* Sign\_in.setBackground(new java.awt.Color(102, 255, 255));
* Sign\_in.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* Sign\_in.setText("Sign in");
* Sign\_in.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* Sign\_inActionPerformed(evt);
* }
* });
* jPanel1.add(Sign\_in);
* Rest.setBackground(new java.awt.Color(102, 255, 255));
* Rest.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* Rest.setText("Reset");
* Rest.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* RestActionPerformed(evt);
* }
* });
* jPanel1.add(Rest);
* Next.setBackground(new java.awt.Color(102, 255, 255));
* Next.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
* Next.setText("Next");
* Next.addActionListener(new java.awt.event.ActionListener() {
* public void actionPerformed(java.awt.event.ActionEvent evt) {
* NextActionPerformed(evt);
* }
* });
* jPanel1.add(Next);
* jPanel2.add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 340, 820, 70));
* getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 860, 420));
* pack();
* }// </editor-fold>
* private void Manager\_idActionPerformed(java.awt.event.ActionEvent evt) {
* // TODO add your handling code here:
* }
* private void Manager\_mailActionPerformed(java.awt.event.ActionEvent evt) {
* // TODO add your handling code here:
* }
* private void Manager\_phoneActionPerformed(java.awt.event.ActionEvent evt) {
* // TODO add your handling code here:
* }
* private void BackActionPerformed(java.awt.event.ActionEvent evt) {
* this.setVisible(false);
* Registration r = new Registration();
* r.setVisible(true); }
* private void RestActionPerformed(java.awt.event.ActionEvent evt) {
* int ID = Integer.parseInt(Manager\_id.getText());
* try {
* Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root");
* Statement st = con.createStatement();
* String sql = "delete from admin WHERE User\_id='" + ID + "'";
* st.executeUpdate(sql);
* Manager\_id.setText("");
* Manager\_mail.setText("");
* Manager\_name.setText("");
* Manager\_phone.setText("");
* } catch (SQLException ex) {
* Logger.getLogger(manager\_screen.class.getName()).log(Level.SEVERE, null, ex);
* } }
* private void Sign\_inActionPerformed(java.awt.event.ActionEvent evt) {
* if (Manager\_id.getText().equals("") || Manager\_mail.getText().equals("") || Manager\_name.getText().equals("") || Manager\_phone.getText().equals("")) {
* JOptionPane.showMessageDialog(this, "This feild is required");
* } else {
* int ID = Integer.parseInt(Manager\_id.getText());
* String Email = Manager\_mail.getText();
* String Name = Manager\_name.getText();
* int Mobile = Integer.parseInt(Manager\_phone.getText());
* String selection = jComboBox1.getSelectedItem().toString();
* try {
* Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root");
* Statement st = con.createStatement();
* String sql = "insert into manager (Manager\_id,Manager\_Name,Manager\_email,Manager\_mobile,Manager\_level) values('" + ID + "','" + Email + "','" + Name + "','" + Mobile + "','" + selection + "')";
* st.executeUpdate(sql);
* // JOptionPane.showMessageDialog(this, "This field is required");
* Manager\_id.setText("");
* Manager\_mail.setText("");
* Manager\_name.setText("");
* Manager\_phone.setText("");
* } catch (SQLException ex) {
* Logger.getLogger(manager\_screen.class.getName()).log(Level.SEVERE, null, ex);
* }
* }
* }
* /\* g.setVisible(true); }
* \*/
* private void NextActionPerformed(java.awt.event.ActionEvent evt) {
* this.setVisible(false);
* Tt f = new Tt();
* f.setVisible(true);
* }
* /\*
* \* @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(manager\_screen.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
* } catch (InstantiationException ex) {
* java.util.logging.Logger.getLogger(manager\_screen.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
* } catch (IllegalAccessException ex) {
* java.util.logging.Logger.getLogger(manager\_screen.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
* } catch (javax.swing.UnsupportedLookAndFeelException ex) {
* java.util.logging.Logger.getLogger(manager\_screen.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 manager\_screen().setVisible(true);
* }
* });
* }
* // Variables declaration - do not modify
* private javax.swing.JButton Back;
* private javax.swing.JTextField Manager\_id;
* private javax.swing.JTextField Manager\_mail;
* private javax.swing.JTextField Manager\_name;
* private javax.swing.JTextField Manager\_phone;
* private javax.swing.JButton Next;
* private javax.swing.JButton Rest;
* private javax.swing.JButton Sign\_in;
* private javax.swing.JComboBox<String> jComboBox1;
* private javax.swing.JLabel jLabel1;
* 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.JPanel jPanel1;
* private javax.swing.JPanel jPanel2;
* // End of variables declaration
* }

1.  **Trainer Enrollment**

* **Description**

- This screen indicates the trainers who want to register to enter the medical fitness centre easily and this requires entering some basic data for the trainer such as name, ID , e-mail, mobile and address.

- There are three buttons, the first (Enroll) for completing the registration and moving to the next screen, the second (Back) for returning to the previous screen , and the third one is (Reset) that allows to delete data and re-enter it again in the event of an error or in the event of a desire to enter other new data.

* **Code**

import java.beans.Statement;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

public class Tt extends javax.swing.JFrame {

/\*\*

\* Creates new form Tt

\*/

public Tt() {

initComponents();

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

c\_name = new javax.swing.JTextField();

c\_id = new javax.swing.JTextField();

c\_email = new javax.swing.JTextField();

c\_mobile = new javax.swing.JTextField();

c\_address = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

c\_enroll = new javax.swing.JButton();

c\_back = new javax.swing.JButton();

c\_reset = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

jLabel7.setIcon(new javax.swing.ImageIcon("C:\\Users\\RANA -1\\Pictures\\ttttt.png")); // NOI18N

jLabel8.setIcon(new javax.swing.ImageIcon("C:\\Users\\RANA -1\\Pictures\\Trainer.png")); // NOI18N

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

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

jLabel1.setFont(new java.awt.Font("Calibri", 1, 30)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 255, 255));

jLabel1.setText("Trainer Enrolment");

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 11, 310, -1));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel2.setText("Name");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 170, -1, -1));

c\_name.addActionListener(new java.awt.event.ActionListener() {

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

c\_nameActionPerformed(evt);

}

});

jPanel1.add(c\_name, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 170, 190, 30));

jPanel1.add(c\_id, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 230, 190, -1));

jPanel1.add(c\_email, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 290, 190, -1));

jPanel1.add(c\_mobile, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 350, 190, -1));

jPanel1.add(c\_address, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 400, 190, -1));

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel3.setText("ID");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 230, -1, -1));

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel4.setText("E-mail");

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 290, -1, -1));

jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel5.setText("Mobile");

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 350, -1, -1));

jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jLabel6.setText("Address");

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 400, -1, -1));

c\_enroll.setBackground(new java.awt.Color(255, 153, 0));

c\_enroll.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

c\_enroll.setForeground(new java.awt.Color(255, 255, 255));

c\_enroll.setText("E N R O L L");

c\_enroll.addActionListener(new java.awt.event.ActionListener() {

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

c\_enrollActionPerformed(evt);

}

});

jPanel1.add(c\_enroll, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 410, 160, -1));

c\_back.setBackground(new java.awt.Color(255, 153, 0));

c\_back.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

c\_back.setForeground(new java.awt.Color(255, 255, 255));

c\_back.setText("Back");

c\_back.addActionListener(new java.awt.event.ActionListener() {

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

c\_backActionPerformed(evt);

}

});

jPanel1.add(c\_back, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 410, 90, 30));

c\_reset.setBackground(new java.awt.Color(255, 153, 0));

c\_reset.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

c\_reset.setForeground(new java.awt.Color(255, 255, 255));

c\_reset.setText("Reset");

c\_reset.addActionListener(new java.awt.event.ActionListener() {

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

c\_resetActionPerformed(evt);

}

});

jPanel1.add(c\_reset, new org.netbeans.lib.awtextra.AbsoluteConstraints(770, 410, 90, 30));

jLabel9.setIcon(new javax.swing.ImageIcon("C:\\Users\\RANA -1\\Pictures\\ttttt.png")); // NOI18N

jPanel1.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 930, 460));

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>

private void c\_nameActionPerformed(java.awt.event.ActionEvent evt) {

}

private void c\_enrollActionPerformed(java.awt.event.ActionEvent evt) {

if (c\_name.getText().equals("") || c\_id.getText().equals("") || c\_email.getText().equals("")||c\_mobile.getText().equals("")||c\_address.getText().equals(""))

{

JOptionPane.showMessageDialog(this, "This feild is required");

}

else

{

int id = Integer.parseInt(c\_id.getText());

String name = c\_name.getText();

String address = c\_address.getText();

int mobile = Integer.parseInt(c\_mobile.getText());

String email = c\_email.getText();

try{

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root","root123");

java.sql.Statement st1 = con.createStatement();

String sql ="insert into trainer (Trainer\_Name , Trainer\_address , Trainer\_mobile , Trainer\_email,Admin\_User\_id) values ('"+name+"','"+address+"','"+mobile+"','"+email+"','"+50+"') ";

int rowInserted=st1.executeUpdate(sql);

if (rowInserted > 0){

JOptionPane.showMessageDialog(this,"Inserted successfully");

c\_name.setText("");

c\_id.setText("");

c\_address.setText("");

c\_mobile.setText("");

c\_email.setText("");

this.setVisible(false);

mm M = new mm ();

M.setVisible(true);

}

else{

JOptionPane.showMessageDialog(this, "failed");

}

}catch (SQLException ex){

Logger.getLogger(Tt.class.getName()).log(Level.SEVERE,null,ex);

}

}

}

private void c\_backActionPerformed(java.awt.event.ActionEvent evt) {

this.setVisible(false);

manager\_screen M = new manager\_screen();

M.setVisible(true);

}

private void c\_resetActionPerformed(java.awt.event.ActionEvent evt) {

int id=Integer.parseInt(c\_id.getText());

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

java.sql.Statement st=con.createStatement();

String sql = "delete from Trainer WHERE Trainer\_id='"+id+"'";

int rowsDeleted = st.executeUpdate(sql);

if (rowsDeleted> 0) {

JOptionPane.showMessageDialog(null, "Deleted successfully");

}

c\_name.setText("");

c\_id.setText("");

c\_email.setText("");

c\_mobile.setText("");

c\_address.setText("");

} catch (SQLException ex) {

Logger.getLogger(Medical\_checkup.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Tt.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 Tt().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField c\_address;

private javax.swing.JButton c\_back;

private javax.swing.JTextField c\_email;

private javax.swing.JButton c\_enroll;

private javax.swing.JTextField c\_id;

private javax.swing.JTextField c\_mobile;

private javax.swing.JTextField c\_name;

private javax.swing.JButton c\_reset;

private javax.swing.JLabel jLabel1;

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;

// End of variables declaration

}

1. ** Member Registration**

* **Description**

- This screen indicates the registration of the members who want to join the medical fitness centre , whether they are healthy people, elderly people, or people with special needs easily and without any obstacles.

- This requires entering some basic data for the member such as name , ID , e-mail , chosen password , age , mobile , address , date of birth and gender. There are two buttons, the first (REGISTER) for completing the registration and moving to the next screen, the second (Back) for returning to the previous screen , and the third one is (Reset) that allows to delete data and re-enter it again in the event of an error or in the event of a desire to enter other new data.

* **Code**

import java.sql.Connection;

import java.sql.DriverManager;

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 sun.util.logging.PlatformLogger;

public class mm extends javax.swing.JFrame {

/\*\*

\* Creates new form mm

\*/

public mm() {

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() {

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jColorChooser1 = new javax.swing.JColorChooser();

jColorChooser2 = new javax.swing.JColorChooser();

jLabel5 = new javax.swing.JLabel();

buttonGroup1 = new javax.swing.ButtonGroup();

jLabel2 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

c\_name = new javax.swing.JTextField();

c\_id = new javax.swing.JTextField();

c\_email = new javax.swing.JTextField();

c\_age = new javax.swing.JTextField();

c\_mobile = new javax.swing.JTextField();

c\_address = new javax.swing.JTextField();

c\_DOB = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

c\_password = new javax.swing.JPasswordField();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jLabel16 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jLabel18 = new javax.swing.JLabel();

c\_register = new javax.swing.JButton();

male = new javax.swing.JRadioButton();

female = new javax.swing.JRadioButton();

c\_back = new javax.swing.JButton();

c\_reset = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

jTextField1.setText("jTextField1");

jTextField2.setText("jTextField2");

jLabel6.setText("jLabel6");

jLabel8.setIcon(new javax.swing.ImageIcon("C:\\Users\\RANA -1\\Pictures\\mmm.png")); // NOI18N

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

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

addComponentListener(new java.awt.event.ComponentAdapter() {

public void componentShown(java.awt.event.ComponentEvent evt) {

formComponentShown(evt);

}

});

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

jLabel1.setBackground(new java.awt.Color(255, 255, 255));

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N

jLabel1.setText("Member Registration Form");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 280, -1));

c\_name.addActionListener(new java.awt.event.ActionListener() {

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

c\_nameActionPerformed(evt);

}

});

getContentPane().add(c\_name, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 50, 200, -1));

getContentPane().add(c\_id, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 90, 200, -1));

getContentPane().add(c\_email, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 130, 200, -1));

getContentPane().add(c\_age, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 210, 200, -1));

getContentPane().add(c\_mobile, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 250, 200, -1));

getContentPane().add(c\_address, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 290, 200, -1));

getContentPane().add(c\_DOB, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 330, 200, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel3.setForeground(new java.awt.Color(204, 0, 0));

jLabel3.setText("Name");

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 50, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel4.setForeground(new java.awt.Color(204, 0, 0));

jLabel4.setText("Gender");

getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 360, -1, -1));

c\_password.addActionListener(new java.awt.event.ActionListener() {

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

c\_passwordActionPerformed(evt);

}

});

getContentPane().add(c\_password, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 170, 200, -1));

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel12.setForeground(new java.awt.Color(204, 0, 0));

jLabel12.setText("ID");

getContentPane().add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 90, -1, -1));

jLabel13.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel13.setForeground(new java.awt.Color(204, 0, 0));

jLabel13.setText("E-mail");

getContentPane().add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 130, -1, -1));

jLabel14.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel14.setForeground(new java.awt.Color(204, 0, 0));

jLabel14.setText("Password");

getContentPane().add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 170, -1, -1));

jLabel15.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel15.setForeground(new java.awt.Color(204, 0, 0));

jLabel15.setText("Age");

getContentPane().add(jLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 210, -1, -1));

jLabel16.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel16.setForeground(new java.awt.Color(204, 0, 0));

jLabel16.setText("Mobile");

getContentPane().add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 250, -1, -1));

jLabel17.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel17.setForeground(new java.awt.Color(204, 0, 0));

jLabel17.setText("Address");

getContentPane().add(jLabel17, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 290, -1, -1));

jLabel18.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel18.setForeground(new java.awt.Color(204, 0, 0));

jLabel18.setText("Date of birth");

getContentPane().add(jLabel18, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 330, -1, -1));

c\_register.setBackground(new java.awt.Color(204, 51, 0));

c\_register.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

c\_register.setForeground(new java.awt.Color(255, 255, 255));

c\_register.setText("R E G I S T E R");

c\_register.addActionListener(new java.awt.event.ActionListener() {

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

c\_registerActionPerformed(evt);

}

});

getContentPane().add(c\_register, new org.netbeans.lib.awtextra.AbsoluteConstraints(510, 350, 190, 30));

buttonGroup1.add(male);

male.setText("Male");

getContentPane().add(male, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 360, -1, -1));

buttonGroup1.add(female);

female.setText("Female");

getContentPane().add(female, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 360, -1, -1));

c\_back.setBackground(new java.awt.Color(204, 51, 0));

c\_back.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

c\_back.setForeground(new java.awt.Color(255, 255, 255));

c\_back.setText("Back");

c\_back.addActionListener(new java.awt.event.ActionListener() {

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

c\_backActionPerformed(evt);

}

});

getContentPane().add(c\_back, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 350, 90, 30));

c\_reset.setBackground(new java.awt.Color(204, 51, 0));

c\_reset.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

c\_reset.setForeground(new java.awt.Color(255, 255, 255));

c\_reset.setText("Reset");

c\_reset.addActionListener(new java.awt.event.ActionListener() {

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

c\_resetActionPerformed(evt);

}

});

getContentPane().add(c\_reset, new org.netbeans.lib.awtextra.AbsoluteConstraints(730, 350, 90, 30));

jLabel9.setIcon(new javax.swing.ImageIcon("C:\\Users\\RANA -1\\Pictures\\mmm.png")); // NOI18N

getContentPane().add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 0, 500, 390));

pack();

}// </editor-fold>

private void formComponentShown(java.awt.event.ComponentEvent evt) {

// TODO add your handling code here:

}

private void c\_nameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void c\_passwordActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void c\_registerActionPerformed(java.awt.event.ActionEvent evt) {

if (c\_name.getText().equals("") || c\_id.getText().equals("") || c\_email.getText().equals("")||c\_password.getPassword().equals("")||c\_age.getText().equals("")||c\_mobile.getText().equals("")||c\_address.getText().equals("")||c\_DOB.getText().equals("")||male.getText().equals(""))

{

JOptionPane.showMessageDialog(this, "This feild is required");

}

else

{

int id = Integer.parseInt(c\_id.getText());

String name = c\_name.getText();

String address = c\_address.getText();

int age = Integer.parseInt(c\_age.getText());

int mobile = Integer.parseInt(c\_mobile.getText());

String DOB = c\_DOB.getText();

String gender = male.getText();

String password =new String(c\_password.getPassword());

String email = c\_email.getText();

try{

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root","root123");

Statement st = con.createStatement();

String sql ="insert into member(Mem\_id, Mem\_Name , Mem\_address , Mem\_age , Mem\_mobile , Mem\_DOB ,Mem\_gender , Mem\_password , Mem\_email,Admin\_User\_id,Payment\_gateway\_Regesteration\_No) values ('"+id+"','"+name+"','"+address+"','"+age+"','"+mobile+"','"+DOB+"','"+gender+"','"+password+"','"+email+"','"+50+"','"+22+"') ";

int rowInserted = st.executeUpdate(sql);

if (rowInserted > 0){

c\_name.setText("");

c\_id.setText("");

c\_address.setText("");

c\_age.setText("");

c\_mobile.setText("");

c\_DOB.setText("");

String selection=null;

if(male.isSelected())

{

selection="Male selected";

}

else{

selection="feMale selected";

}

c\_password.setText("");

c\_email.setText("");

this.setVisible(false);

Medical\_checkup s=new Medical\_checkup();

s.setVisible(true);

}

}catch (SQLException ex){

Logger.getLogger(mm.class.getName()).log(Level.SEVERE,null,ex);

}

}

}

private void c\_backActionPerformed(java.awt.event.ActionEvent evt) {

this.setVisible(false);

Tt p=new Tt();

p.setVisible(true);

}

private void c\_resetActionPerformed(java.awt.event.ActionEvent evt) {

int id=Integer.parseInt(c\_id.getText());

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

java.sql.Statement st=con.createStatement();

String sql = "delete from Member WHERE Mem\_id='"+id+"'";

int rowsDeleted = st.executeUpdate(sql);

if (rowsDeleted> 0) {

JOptionPane.showMessageDialog(null, "Deleted successfully");

}

c\_name.setText("");

c\_id.setText("");

c\_email.setText("");

c\_password.setText("");

c\_age.setText("");

c\_mobile.setText("");

c\_address.setText("");

c\_DOB.setText("");

} catch (SQLException ex) {

Logger.getLogger(Medical\_checkup.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(mm.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 mm().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JTextField c\_DOB;

private javax.swing.JTextField c\_address;

private javax.swing.JTextField c\_age;

private javax.swing.JButton c\_back;

private javax.swing.JTextField c\_email;

private javax.swing.JTextField c\_id;

private javax.swing.JTextField c\_mobile;

private javax.swing.JTextField c\_name;

private javax.swing.JPasswordField c\_password;

private javax.swing.JButton c\_register;

private javax.swing.JButton c\_reset;

private javax.swing.JRadioButton female;

private javax.swing.JColorChooser jColorChooser1;

private javax.swing.JColorChooser jColorChooser2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

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.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JRadioButton male;

// End of variables declaration

private static class JOtionPane {

private static void showMessageDialog(mm aThis, String inserted\_successfully) {

throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

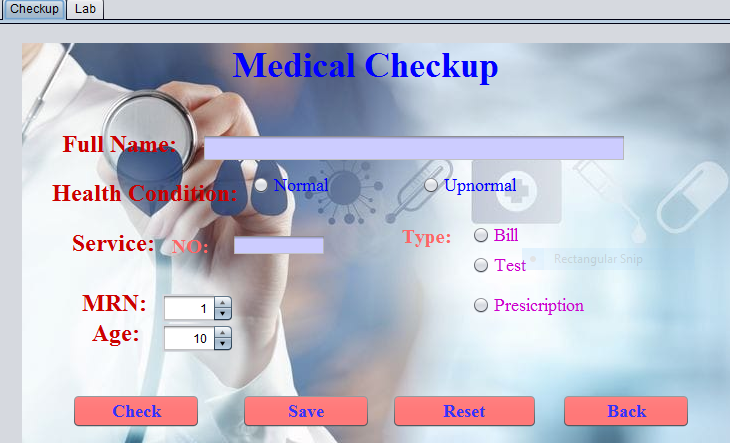
}

public JOtionPane() {

}

}

}

1. ** Medical Check up**

* **Description**

- This screen shows the trainee medical check up after the member is registered and must be yielded to the medical check up . the system must have the trainee full name , His/her Health condition (Normal / Up normal), His / Her service number and type if it was a bill in case of payment, or Test ,or prescription in case of the member is ill, this process is done to make it easier for system to distinguish among services.

- We need a Member's medical record number to see or modify his medical record.

- His / Her Age is important in identifying Health condition or prescriptions.

* ‘Check’ Button is to check member’s Name and age from ‘Member’ screen to check if the member already exists or not.
* ‘Save’ Button is to save all inserted fields in the database or system.
* ‘Reset’ Button is used before saving information in case of mistakes you can reset or delete whatever you want.
* ‘Back’ Button is to enable admin to back to member screen in case he had forgotten something.
* **Code**

import java.sql.Connection;

import java.sql.DriverManager;

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;

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*\*

\*

\* @author user

\*/

public class Medical\_checkup extends javax.swing.JFrame {

/\*\*

\* Creates new form Medical\_checkup

\*/

public Medical\_checkup() {

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() {

jMenuItem1 = new javax.swing.JMenuItem();

jMenuItem2 = new javax.swing.JMenuItem();

jMenuItem3 = new javax.swing.JMenuItem();

buttonGroup1 = new javax.swing.ButtonGroup();

jPanel4 = new javax.swing.JPanel();

buttonGroup2 = new javax.swing.ButtonGroup();

jTabbedPane1 = new javax.swing.JTabbedPane();

jPanel2 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

name\_txt = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

rd\_norm = new javax.swing.JRadioButton();

rd\_upnorm = new javax.swing.JRadioButton();

jLabel3 = new javax.swing.JLabel();

no\_txt = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

rd\_pres = new javax.swing.JRadioButton();

rd\_tst = new javax.swing.JRadioButton();

rd\_bill = new javax.swing.JRadioButton();

jLabel6 = new javax.swing.JLabel();

spin\_mrn = new javax.swing.JSpinner();

jLabel7 = new javax.swing.JLabel();

spin\_age = new javax.swing.JSpinner();

btn\_resm = new javax.swing.JButton();

save\_btn = new javax.swing.JButton();

jLabel16 = new javax.swing.JLabel();

check\_btn = new javax.swing.JButton();

Back\_btn = new javax.swing.JButton();

jLabel17 = new javax.swing.JLabel();

jPanel3 = new javax.swing.JPanel();

jLabel10 = new javax.swing.JLabel();

jPanel5 = new javax.swing.JPanel();

jLabel8 = new javax.swing.JLabel();

doc\_txt = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

lab\_txt = new javax.swing.JTextField();

jLabel11 = new javax.swing.JLabel();

tech\_txt = new javax.swing.JTextField();

Insert\_btn = new javax.swing.JButton();

reset\_btn = new javax.swing.JButton();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

l\_required = new javax.swing.JLabel();

jMenuItem1.setText("jMenuItem1");

jMenuItem2.setText("jMenuItem2");

jMenuItem3.setText("jMenuItem3");

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

jPanel4.setLayout(jPanel4Layout);

jPanel4Layout.setHorizontalGroup(

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

.addGap(0, 2274, Short.MAX\_VALUE)

);

jPanel4Layout.setVerticalGroup(

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

.addGap(0, 493, Short.MAX\_VALUE)

);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jTabbedPane1.setBackground(new java.awt.Color(153, 255, 255));

jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel1.setForeground(new java.awt.Color(204, 0, 0));

jLabel1.setText("Age:");

jPanel2.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 290, 117, 38));

name\_txt.setBackground(new java.awt.Color(204, 204, 255));

name\_txt.addActionListener(new java.awt.event.ActionListener() {

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

name\_txtActionPerformed(evt);

}

});

jPanel2.add(name\_txt, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 110, 424, -1));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(204, 0, 0));

jLabel2.setText("Full Name:");

jPanel2.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 100, -1, 41));

rd\_norm.setBackground(new java.awt.Color(255, 255, 255));

buttonGroup1.add(rd\_norm);

rd\_norm.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

rd\_norm.setForeground(new java.awt.Color(0, 0, 255));

rd\_norm.setText("Normal");

rd\_norm.addActionListener(new java.awt.event.ActionListener() {

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

rd\_normActionPerformed(evt);

}

});

jPanel2.add(rd\_norm, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 150, -1, -1));

rd\_upnorm.setBackground(new java.awt.Color(255, 255, 255));

buttonGroup1.add(rd\_upnorm);

rd\_upnorm.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

rd\_upnorm.setForeground(new java.awt.Color(0, 0, 255));

rd\_upnorm.setText("Upnormal");

rd\_upnorm.addActionListener(new java.awt.event.ActionListener() {

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

rd\_upnormActionPerformed(evt);

}

});

jPanel2.add(rd\_upnorm, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 150, -1, -1));

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel3.setForeground(new java.awt.Color(204, 0, 0));

jLabel3.setText("Health Condition:");

jPanel2.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 150, -1, 38));

no\_txt.setBackground(new java.awt.Color(204, 204, 255));

no\_txt.addActionListener(new java.awt.event.ActionListener() {

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

no\_txtActionPerformed(evt);

}

});

jPanel2.add(no\_txt, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 210, 94, 22));

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 20)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 102, 102));

jLabel4.setText("Type:");

jPanel2.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 200, -1, -1));

jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 20)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 102, 102));

jLabel5.setText("NO:");

jPanel2.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 210, -1, -1));

rd\_pres.setBackground(new java.awt.Color(255, 255, 255));

buttonGroup2.add(rd\_pres);

rd\_pres.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

rd\_pres.setForeground(new java.awt.Color(204, 0, 204));

rd\_pres.setText("Presicription");

rd\_pres.addActionListener(new java.awt.event.ActionListener() {

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

rd\_presActionPerformed(evt);

}

});

jPanel2.add(rd\_pres, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 270, 120, -1));

rd\_tst.setBackground(new java.awt.Color(255, 255, 255));

buttonGroup2.add(rd\_tst);

rd\_tst.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

rd\_tst.setForeground(new java.awt.Color(204, 0, 204));

rd\_tst.setText("Test");

rd\_tst.addActionListener(new java.awt.event.ActionListener() {

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

rd\_tstActionPerformed(evt);

}

});

jPanel2.add(rd\_tst, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 230, -1, -1));

rd\_bill.setBackground(new java.awt.Color(255, 255, 255));

buttonGroup2.add(rd\_bill);

rd\_bill.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

rd\_bill.setForeground(new java.awt.Color(204, 0, 204));

rd\_bill.setText("Bill");

rd\_bill.addActionListener(new java.awt.event.ActionListener() {

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

rd\_billActionPerformed(evt);

}

});

jPanel2.add(rd\_bill, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 200, -1, -1));

jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel6.setForeground(new java.awt.Color(204, 0, 0));

jLabel6.setText("Service:");

jPanel2.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 200, 117, 38));

spin\_mrn.setModel(new javax.swing.SpinnerNumberModel(1, 0, 400, 1));

jPanel2.add(spin\_mrn, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 270, 72, -1));

jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel7.setForeground(new java.awt.Color(204, 0, 0));

jLabel7.setText("MRN:");

jPanel2.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 260, 117, 38));

spin\_age.setModel(new javax.swing.SpinnerNumberModel(10, 10, 60, 1));

jPanel2.add(spin\_age, new org.netbeans.lib.awtextra.AbsoluteConstraints(170, 300, 72, -1));

btn\_resm.setBackground(new java.awt.Color(255, 102, 102));

btn\_resm.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

btn\_resm.setForeground(new java.awt.Color(51, 51, 255));

btn\_resm.setText("Reset");

btn\_resm.addActionListener(new java.awt.event.ActionListener() {

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

btn\_resmActionPerformed(evt);

}

});

jPanel2.add(btn\_resm, new org.netbeans.lib.awtextra.AbsoluteConstraints(400, 370, 145, -1));

save\_btn.setBackground(new java.awt.Color(255, 102, 102));

save\_btn.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

save\_btn.setForeground(new java.awt.Color(51, 51, 255));

save\_btn.setText("Save");

save\_btn.addActionListener(new java.awt.event.ActionListener() {

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

save\_btnActionPerformed(evt);

}

});

jPanel2.add(save\_btn, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 370, 128, -1));

jLabel16.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

jLabel16.setForeground(new java.awt.Color(0, 0, 255));

jLabel16.setText("Medical Checkup");

jPanel2.add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 20, -1, -1));

check\_btn.setBackground(new java.awt.Color(255, 102, 102));

check\_btn.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

check\_btn.setForeground(new java.awt.Color(51, 51, 255));

check\_btn.setText("Check");

check\_btn.addActionListener(new java.awt.event.ActionListener() {

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

check\_btnActionPerformed(evt);

}

});

jPanel2.add(check\_btn, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 370, 128, -1));

Back\_btn.setBackground(new java.awt.Color(255, 102, 102));

Back\_btn.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

Back\_btn.setForeground(new java.awt.Color(51, 51, 255));

Back\_btn.setText("Back");

Back\_btn.addActionListener(new java.awt.event.ActionListener() {

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

Back\_btnActionPerformed(evt);

}

});

jPanel2.add(Back\_btn, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 370, 128, -1));

jLabel17.setIcon(new javax.swing.ImageIcon("C:\\Users\\user\\Desktop\\is\_project\\m3.jpeg")); // NOI18N

jPanel2.add(jLabel17, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 0, 710, 440));

jTabbedPane1.addTab("Checkup", jPanel2);

jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel3.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(-32500, -32578, 40, 14));

jPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel8.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel8.setForeground(new java.awt.Color(204, 0, 0));

jLabel8.setText("Technician Name:");

jPanel5.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 230, 197, -1));

doc\_txt.addActionListener(new java.awt.event.ActionListener() {

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

doc\_txtActionPerformed(evt);

}

});

jPanel5.add(doc\_txt, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 170, 309, -1));

jLabel9.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel9.setForeground(new java.awt.Color(204, 0, 0));

jLabel9.setText("Lab ID:");

jPanel5.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 120, -1, -1));

jTextField4.addActionListener(new java.awt.event.ActionListener() {

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

jTextField4ActionPerformed(evt);

}

});

jPanel5.add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(229, 90, 306, 0));

lab\_txt.addActionListener(new java.awt.event.ActionListener() {

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

lab\_txtActionPerformed(evt);

}

});

jPanel5.add(lab\_txt, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 120, 306, -1));

jLabel11.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel11.setForeground(new java.awt.Color(204, 0, 0));

jLabel11.setText("Doctor Name:");

jPanel5.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 170, 158, -1));

tech\_txt.addActionListener(new java.awt.event.ActionListener() {

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

tech\_txtActionPerformed(evt);

}

});

jPanel5.add(tech\_txt, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 230, 309, -1));

Insert\_btn.setBackground(new java.awt.Color(255, 102, 204));

Insert\_btn.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

Insert\_btn.setForeground(new java.awt.Color(51, 51, 255));

Insert\_btn.setText("Insert");

Insert\_btn.addActionListener(new java.awt.event.ActionListener() {

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

Insert\_btnActionPerformed(evt);

}

});

jPanel5.add(Insert\_btn, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 340, 151, -1));

reset\_btn.setBackground(new java.awt.Color(255, 102, 204));

reset\_btn.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

reset\_btn.setForeground(new java.awt.Color(51, 51, 255));

reset\_btn.setText("Reset");

reset\_btn.addActionListener(new java.awt.event.ActionListener() {

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

reset\_btnActionPerformed(evt);

}

});

jPanel5.add(reset\_btn, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 340, 138, -1));

jLabel12.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

jLabel12.setForeground(new java.awt.Color(51, 51, 255));

jLabel12.setText("Lab");

jPanel5.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 30, 140, -1));

jPanel5.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(434, 81, -1, -1));

jLabel14.setIcon(new javax.swing.ImageIcon("C:\\Users\\user\\Desktop\\is\_project\\Laboratory-1024x427-1.jpg")); // NOI18N

jLabel14.setText("jLabel14");

jPanel5.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(-100, 0, 820, 430));

l\_required.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

l\_required.setForeground(new java.awt.Color(255, 0, 0));

jPanel5.add(l\_required, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 300, 220, 40));

jPanel3.add(jPanel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

jTabbedPane1.addTab("Lab", jPanel3);

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()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jTabbedPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 776, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

);

layout.setVerticalGroup(

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

.addComponent(jTabbedPane1)

);

pack();

}// </editor-fold>

private void save\_btnActionPerformed(java.awt.event.ActionEvent evt) {

if (name\_txt.getText().equals("") || rd\_norm.getText().equals("") || no\_txt.getText().equals("")||rd\_bill.getText().equals("")||spin\_mrn.getValue().equals("")||spin\_age.getValue().equals(""))

{

JOptionPane.showMessageDialog(this, "This feild is required");

}

else

{

String fname=name\_txt.getText();

String h\_c=rd\_norm.getText();

int No=Integer.parseInt(no\_txt.getText());

String service=rd\_bill.getText();

String spin=spin\_mrn.getValue().toString();

String spin2=spin\_age.getValue().toString();

Connection con;

try {

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement stmt = con.createStatement();

String sql="insert into Medicalcheckup (MRN,Full\_Name,health\_condition,service,age,Prescribtion,Lab\_Lab\_id) values('"+spin+"','"+fname+"','"+h\_c+"','"+No+"','"+spin2+"','"+service+"','"+12+"')";

int rowsInserted = stmt.executeUpdate(sql);

if (rowsInserted > 0) {

JOptionPane.showMessageDialog(this, "Inserted successfully");

name\_txt.setText("");

String selection=null;

if(rd\_norm.isSelected())

{

selection="normal selected";

}

else{

selection="upnormal selected";

}

String selection1=null;

if(rd\_bill.isSelected())

{

selection1="bill selected";

}

else if(rd\_tst.isSelected()){

selection1="test selected";

}

else{

selection1="prescription selected";

}

no\_txt.setText("");

spin\_mrn.setValue(1);

spin\_age.setValue(10);

}

} catch (SQLException ex) {

Logger.getLogger(Medical\_checkup.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

private void btn\_resmActionPerformed(java.awt.event.ActionEvent evt) {

int mrn=Integer.parseInt(spin\_mrn.getValue().toString());

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement st=con.createStatement();

String sql = "delete from Medicalcheckup WHERE MRN='"+mrn+"'";

int rowsDeleted = st.executeUpdate(sql);

if (rowsDeleted> 0) {

JOptionPane.showMessageDialog(null, "Deleted successfully");

name\_txt.setText("");

String selection=null;

if(rd\_norm.isSelected())

{

selection="normal selected";

}

else{

selection="upnormal selected";

}

no\_txt.setText("");

String selection1=null;

if(rd\_bill.isSelected())

{

selection1="bill selected";

}

else if(rd\_tst.isSelected()){

selection1="test selected";

}

else{

selection1="prescription selected";

}

spin\_mrn.setValue(1);

spin\_age.setValue(10);

}

} catch (SQLException ex) {

Logger.getLogger(Medical\_checkup.class.getName()).log(Level.SEVERE, null, ex);

}

private void check\_btnActionPerformed(java.awt.event.ActionEvent evt) {

String fname=name\_txt.getText();

String spin2=spin\_age.getValue().toString();

try {

boolean flag=false;

Connection con= DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement stmt = con.createStatement();

String query="select Mem\_Name, Mem\_age from my\_project.member";

ResultSet rs = stmt.executeQuery(query);

while (rs.next()) {

String user\_name = rs.getString("Mem\_Name");

String age = rs.getString("Mem\_age");

if(fname.equals(user\_name) && spin2.equals(age))

{

flag=true;

break;

}

}

if(flag)

{

JOptionPane.showMessageDialog(this , "member is found ");

}

else

{

JOptionPane.showMessageDialog(this , "Not found ");

name\_txt.setText("");

spin\_age.setValue(10);

}

} catch (SQLException ex) {

Logger.getLogger(Login.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void Back\_btnActionPerformed(java.awt.event.ActionEvent evt) {

this.setVisible(false);

mm n=new mm();

n.setVisible(true);

}

1. ** Lab**

* **Description**

- This Screen is for Laboratory. The system must have members ID, Doctor Name and Technician Name to make it easier to transfer Doctor’s request and Test result. There are two buttons: the first to insert data into the system or database and the second is to reset or delete all entered data.

* **Code**

private void Insert\_btnActionPerformed(java.awt.event.ActionEvent evt) {

if (lab\_txt.getText().equals("") || doc\_txt.getText().equals("") || tech\_txt.getText().equals(""))

{

JOptionPane.showMessageDialog(this, "This feild is required");

}

else

{

int id=Integer.parseInt(lab\_txt.getText());

String doc\_name=doc\_txt.getText();

String tech\_name=tech\_txt.getText();

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement st=con.createStatement();

String sql="insert into Lab (Lab\_id,Technician\_Name,Doctor\_Name) values('"+id+"','"+tech\_name+"','"+doc\_name+"')";

st.executeUpdate(sql);

lab\_txt.setText("");

doc\_txt.setText("");

tech\_txt.setText("");

this.setVisible(false);

Schedule s=new Schedule();

s.setVisible(true);

} catch (SQLException ex) {

Logger.getLogger(Medical\_checkup.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

private void reset\_btnActionPerformed(java.awt.event.ActionEvent evt) {

int id=Integer.parseInt(lab\_txt.getText());

try {

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root123");

Statement st=con.createStatement();

String sql = "delete from Lab WHERE Lab\_id='"+id+"'";

int rowsDeleted = st.executeUpdate(sql);

if (rowsDeleted> 0) {

JOptionPane.showMessageDialog(null, "Deleted successfully");

}

lab\_txt.setText("");

doc\_txt.setText("");

tech\_txt.setText("");

} catch (SQLException ex) {

Logger.getLogger(Medical\_checkup.class.getName()).log(Level.SEVERE, null, ex);

}

}

1. **Schedule**

**A screen shot of a computer

Description automatically generated with medium confidence**

* **Description**
* This Schedule screen, the system must contain the member ID and the type of the patient "normal patient" or "patient with special needs" and choose the fit appointments . There are 4 buttons: the first (Insert) to enter data into the system or database, the second (Reset) to reset all entered data, and the third (Back) to return to the previous screen and the last (next) to go to the next screen.
* **Code**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*\*

\*

\* @author user

\*/

public class Schedule extends javax.swing.JFrame {

/\*\*

\* Creates new form Schedule

\*/

public Schedule() {

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() {

buttonGroup6 = new javax.swing.ButtonGroup();

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

id = new javax.swing.JTextField();

normal = new javax.swing.JRadioButton();

special = new javax.swing.JRadioButton();

Back = new javax.swing.JButton();

insert = new javax.swing.JButton();

Reset = new javax.swing.JButton();

Next = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

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

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

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel1.setText("Schedule Describtion:");

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(71, 195, -1, -1));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 51, 51));

jLabel2.setText("Schedule");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(370, 20, -1, -1));

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel3.setText("Schedule ID:");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 148, -1, -1));

jTable1.setAutoCreateRowSorter(true);

jTable1.setBackground(new java.awt.Color(204, 0, 51));

jTable1.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{"9:11am", "9:11am", "9:11am", "9:11am", "9:11am", "9:11am"},

{"2:3 pm", "2:3 pm", "2:3 pm", "2:3 pm", "2:3 pm", "2:3 pm"},

{"8:10 pm", "8:10 pm", "8:10 pm", "8:10 pm", "8:10 pm", "9:11am"}

},

new String [] {

"Saturday", "Sunday", "Monday", "Tuesday", "Wednesday", "Thrusday"

}

));

jScrollPane1.setViewportView(jTable1);

if (jTable1.getColumnModel().getColumnCount() > 0) {

jTable1.getColumnModel().getColumn(1).setMinWidth(15);

}

jPanel1.add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 290, 402, 74));

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

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

idActionPerformed(evt);

}

});

jPanel1.add(id, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 150, 246, 30));

buttonGroup6.add(normal);

normal.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

normal.setText("Normal People");

normal.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));

jPanel1.add(normal, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 190, -1, -1));

normal.getAccessibleContext().setAccessibleParent(normal);

buttonGroup6.add(special);

special.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

special.setText("People with special needs");

special.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT\_CURSOR));

jPanel1.add(special, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 220, -1, -1));

special.getAccessibleContext().setAccessibleParent(special);

Back.setBackground(new java.awt.Color(255, 102, 255));

Back.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

Back.setForeground(new java.awt.Color(51, 0, 255));

Back.setText("Back");

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

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

BackActionPerformed(evt);

}

});

jPanel1.add(Back, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 430, -1, -1));

insert.setBackground(new java.awt.Color(255, 102, 255));

insert.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

insert.setForeground(new java.awt.Color(51, 0, 255));

insert.setText("Insert Schedule");

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

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

insertActionPerformed(evt);

}

});

jPanel1.add(insert, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 430, -1, -1));

Reset.setBackground(new java.awt.Color(255, 102, 255));

Reset.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

Reset.setForeground(new java.awt.Color(51, 0, 255));

Reset.setText("Reset");

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

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

ResetActionPerformed(evt);

}

});

jPanel1.add(Reset, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 430, -1, -1));

Next.setBackground(new java.awt.Color(255, 102, 255));

Next.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

Next.setForeground(new java.awt.Color(51, 0, 255));

Next.setText("Next");

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

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

NextActionPerformed(evt);

}

});

jPanel1.add(Next, new org.netbeans.lib.awtextra.AbsoluteConstraints(630, 430, -1, -1));

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 830, 510));

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

int Id = Integer.parseInt(id.getText());

String description = normal.getText();

try {

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root");

Statement st = con.createStatement();

String sql = "insert into schedule(schedule\_ID,schedule\_describtion) values ('" + Id + "','" + description + "')";

int rowInserted = st.executeUpdate(sql);

if (rowInserted > 0) {

JOptionPane.showMessageDialog(this, "Inserted successfully");

id.setText("");

String selection = null;

if (normal.isSelected()) {

selection = "Normal selected";

} else {

selection = "Special selected";

}

} else {

JOptionPane.showMessageDialog(this, "failed");

}

/\*this.setVisible(false);

Payment\_Gateway f = new Payment\_Gateway();

f.setVisible(true);\*/

} catch (SQLException ex) {

Logger.getLogger(Schedule.class.getName()).log(Level.SEVERE, null, ex);

}

// TODO add your handling code here:

}

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

this.setVisible(false);

Medical\_checkup M = new Medical\_checkup();

M.setVisible(true);

}

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

int ID = Integer.parseInt(id.getText());

try {

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/my\_project?autoReconnect=true&useSSL=false", "root", "root");

Statement st = con.createStatement();

String sql = "delete from `schedule` WHERE `schedule\_ID`='" + ID + "'";

st.executeUpdate(sql);

id.setText("");

} catch (SQLException ex) {

Logger.getLogger(Schedule.class.getName()).log(Level.SEVERE, null, ex);

}

// TODO add your handling code here:

}

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

this.setVisible(false);

Payment\_Gateway dialog = new Payment\_Gateway(new javax.swing.JFrame(), true);

dialog.addWindowListener(new java.awt.event.WindowAdapter() {

@Override

public void windowClosing(java.awt.event.WindowEvent e) {

System.exit(0);

}

});

dialog.setVisible(true);

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Schedule.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 Schedule().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton Back;

private javax.swing.JButton Next;

private javax.swing.JButton Reset;

private javax.swing.ButtonGroup buttonGroup6;

private javax.swing.JTextField id;

private javax.swing.JButton insert;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane1;

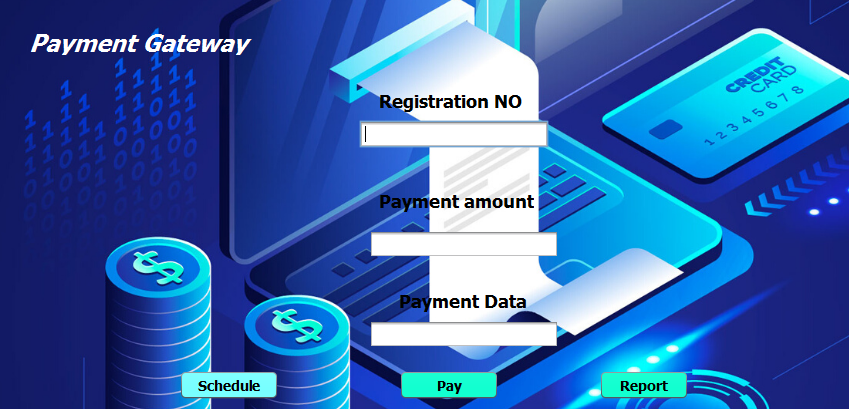
private javax.swing.JTable jTable1;

private javax.swing.JRadioButton normal;

private javax.swing.JRadioButton special;

// End of variables declaration

}

1. **Payment**

* **Description**

- The Payment Gateway screen is considered one of the very important and necessary screens because it includes Registration Number and payment amount, payment data and information on all activities that have already taken place in the previous screens, which are sent to the Report Screen.

- This requires entering Registration number, payment amount, payment data.

* It contains Three Text Field (Registration No, payment amount, payment data).
* First Text Is Registration No (Requires knowledge of the reservation number (.
* Second Text Is payment amount (Requires knowing cost and storing it).
* Third Text Is Payment data (Payment data must be known and stored on system).
  + It contains Three button (Schedule, Pay, Report) to complete successfully.
* First Button Is Schedule (When you click on it, it returns to the Schedule Screen).
* Second Button is Pay (When pressed, all payment contents are recorded and stored on the system).
* Third Button Is Report (When pressed, it will switch to the Report Screen).
* **Code**

import javax.swing.JFrame;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

public class Payment\_Gateway extends javax.swing.JDialog {

/\*\* Creates new form Payment\_Gateway \*/

public Payment\_Gateway(java.awt.Frame parent, boolean modal) {

super(parent, modal);

initComponents();

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

reg\_no = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

pay\_data = new javax.swing.JTextField();

btn\_schedule = new javax.swing.JButton();

jLabel5 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

pay\_amount2 = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

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

jLabel1.setFont(new java.awt.Font("Tahoma", 3, 24)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 255, 255));

jLabel1.setText("Payment Gateway");

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 40, 230, 25));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Registration NO");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 100, -1, -1));

reg\_no.addActionListener(new java.awt.event.ActionListener() {

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

reg\_noActionPerformed(evt);

}

});

jPanel1.add(reg\_no, new org.netbeans.lib.awtextra.AbsoluteConstraints(370, 130, 190, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("Payment Data");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 300, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel4.setText("Payment amount");

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 200, -1, -1));

pay\_data.addActionListener(new java.awt.event.ActionListener() {

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

pay\_dataActionPerformed(evt);

}

});

jPanel1.add(pay\_data, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 330, 190, -1));

btn\_schedule.setBackground(new java.awt.Color(102, 255, 255));

btn\_schedule.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

btn\_schedule.setText("Schedule");

btn\_schedule.addActionListener(new java.awt.event.ActionListener() {

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

btn\_scheduleActionPerformed(evt);

}

});

jPanel1.add(btn\_schedule, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 380, 100, 30));

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(-280, -90, 940, 430));

jButton1.setBackground(new java.awt.Color(0, 255, 204));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton1.setText("Pay");

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(410, 380, 100, 30));

jButton2.setBackground(new java.awt.Color(0, 255, 204));

jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton2.setText("Report");

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(610, 380, 90, 30));

pay\_amount2.addActionListener(new java.awt.event.ActionListener() {

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

pay\_amount2ActionPerformed(evt);

}

});

jPanel1.add(pay\_amount2, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 240, 190, -1));

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, 951, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 529, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>

private void reg\_noActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void pay\_dataActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void pay\_amount1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void pay\_amount3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void btn\_scheduleActionPerformed(java.awt.event.ActionEvent evt) {

this.setVisible(false);

JFrame frame = new Schedule();

frame.setVisible(true);

//TODO add your handling code here:

}

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

try{

// Connection

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/" + "my\_project" + "?useSSL=false" , "root", "root123");

PreparedStatement ps = con.prepareStatement("insert into payment\_gateway(`Regesteration\_No`, `Payment\_amount`,`Payment\_data`)Values(?,?,?)");

ps.setString(1, reg\_no.getText());

ps.setString(2, pay\_data.getText());

ps.setString(3, pay\_data.getText());

ps.executeUpdate();

JOptionPane.showMessageDialog(null, "Pay Done !");

} catch (Exception e)

{

JOptionPane.showMessageDialog(null,e);

}

}

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

JFrame frame = new Rep();

this.setVisible(false);

frame.setVisible(true);

}

private void pay\_amount2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @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(Payment\_Gateway.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) { java.util.logging.Logger.getLogger(Payment\_Gateway.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) { java.util.logging.Logger.getLogger(Payment\_Gateway.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) { java.util.logging.Logger.getLogger(Payment\_Gateway.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the dialog \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

Payment\_Gateway dialog = new Payment\_Gateway(new javax.swing.JFrame(), true);

dialog.addWindowListener(new java.awt.event.WindowAdapter() {

@Override

public void windowClosing(java.awt.event.WindowEvent e) {

System.exit(0);

}

});

dialog.setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btn\_schedule;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField pay\_amount2;

private javax.swing.JTextField pay\_data;

private javax.swing.JTextField reg\_no;

// End of variables declaration

}

1. **A picture containing text, businesscard

   Description automatically generatedReports**

* **Description**

- The reports screen is the last screen in the system and is considered one of the very important and necessary screens because it includes recording and storing all data and information on all activities that have already taken place in the previous screens, which are sent to the administrator to be carefully reviewed.

- This requires entering report number, report attendance, report activity and report weekly.

- It contains one button (Submit) to complete successfully.

* **Code**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.swing.JOptionPane;

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

public class Rep extends javax.swing.JFrame {

/\*\*

\* Creates new form Rep

\*/

public Rep() {

initComponents();

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

jPanel2 = new javax.swing.JPanel();

jLabel6 = new javax.swing.JLabel();

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

Rep\_no = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

Rep\_att = new javax.swing.JTextField();

Rep\_week = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

Rep\_act = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

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

.addGap(0, 100, Short.MAX\_VALUE)

);

jPanel2Layout.setVerticalGroup(

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

.addGap(0, 100, Short.MAX\_VALUE)

);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

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

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 36)); // NOI18N

jLabel1.setText("Reports");

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(19, 11, -1, -1));

Rep\_no.addActionListener(new java.awt.event.ActionListener() {

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

Rep\_noActionPerformed(evt);

}

});

jPanel1.add(Rep\_no, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 80, 260, -1));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel2.setForeground(new java.awt.Color(204, 0, 51));

jLabel2.setText("Report NO");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 40, 120, -1));

jPanel1.add(Rep\_att, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 160, 260, -1));

jPanel1.add(Rep\_week, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 300, 260, -1));

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel3.setForeground(new java.awt.Color(204, 0, 51));

jLabel3.setText("Report Attendance");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 120, 200, -1));

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel4.setForeground(new java.awt.Color(204, 0, 51));

jLabel4.setText("Report Activity");

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 200, 170, -1));

jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jLabel5.setForeground(new java.awt.Color(204, 0, 51));

jLabel5.setText("Report Weekly");

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 270, 170, -1));

jButton1.setBackground(new java.awt.Color(0, 153, 153));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton1.setForeground(new java.awt.Color(255, 255, 255));

jButton1.setText("SHOW");

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(270, 330, -1, -1));

jPanel1.add(Rep\_act, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 240, 260, -1));

jPanel1.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(4, 4, 540, 60));

jPanel1.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 680, 370));

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>

private void Rep\_noActionPerformed(java.awt.event.ActionEvent evt) {

}

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

if (Rep\_no.getText().equals("") || Rep\_act.getText().equals("") || Rep\_att.getText().equals("") || Rep\_week.getText().equals(""))

{

JOptionPane.showMessageDialog(this, "Please Enter Data");

}

else

{

try {

// Connection

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/" + "my\_project" + "?useSSL=false" , "root", "root123");

PreparedStatement ps = con.prepareStatement("insert into reports(`Report\_No`, `Report\_attendance`,`Report\_activity`,`Reports\_weekly`)Values(?,?,?,?)");

ps.setString(1, Rep\_no.getText());

ps.setString(2, Rep\_att.getText());

ps.setString(3, Rep\_act.getText());

ps.setString(4, Rep\_week.getText());

ps.executeUpdate();

JOptionPane.showMessageDialog(null, "Submited Done !");

} catch (Exception e) {

JOptionPane.showMessageDialog(null,e);

}

}

}

/\*\*

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

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) { java.util.logging.Logger.getLogger(Rep.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) { java.util.logging.Logger.getLogger(Rep.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 Rep().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField Rep\_act;

private javax.swing.JTextField Rep\_att;

private javax.swing.JTextField Rep\_no;

private javax.swing.JTextField Rep\_week;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

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 jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

// End of variables declaration

}

**Conclusion**

* Unlike a typical gym, a medical fitness centre can focus on many aspects of health and wellness instead of just fitness.
* Our system “Medical Fitness Centre “is unlike the normal health clubs as it aims to provide a full health risk assessment and design suitable for people who have Parkinson’s disease or any other people with special needs and the ordinary people also.
* The centre employ physician or a medical director to oversees the exercises according to their statue and their tests.
* There is a lab inside the centre that new people should do some tests like blood test , pressure ..etc.
* There is also medical check up for any emergency during our classes.
* In this system we tried to overcome any other centres by solving many problems like Information Theft and financial theft, lack of qualified physicians, Complexity and time wasting in medical check-ups for trainees.