Appendix A: First Interview with the client

1. Me: Good morning, as I have discussed with you previously, I am here to interview you regarding your lifestyle, as my main aim of this development is easing the daily operations using technology.

Client: Yes, good morning

2. Me: so which subjects have you taken for IB diploma?

Client: I have taken my Hl subjects as Business management, economic and math analysis, and approaches and for SL I have taken physics, Spanish and English language, and literature.

3. Me: That's quite a hard combination, isn't it? Is it hard for you to organize your daily schedules due to such rigorous courses and their expectations?

Client: Yes, it often becomes to keep a healthy balance between my extracurriculars an co-curriculars. Due to such a meticulous schedule, I often don't get time to focus on my other activities and when I have free time, I tend to be unproductive and get distracted by my phone. Thus, I have quite an unhealthy lifestyle and this lack of equilibrium causes immense stress and anxiety at times.

4. Me: I can understand it must be very hard to keep a balance, so why don't you describe your day to me.

Client: My regular school day starts with attending one class, having a small break, then going for the next two lectures followed by another break and last two lectures. After I come back from school, I rest for a while and then start studying a little however sometimes that study time gets extended to late evenings which just results in fantigue thus I end my day after sitting with my family for a while and having dinner with them.

5. Me: so, most of your day goes in solely studying where you hardly get any time for yourself, what about your deadlines, how often do you face issues regarding these deadlines?

Client: as IBDP has eternal submissions apart from papers I constantly get torn between document deadlines like IA first submission, CAS reflections or TOK work so occasionally every once in 5 deadlines I face issues with submitting my work on time which results in me rushing at the last moment to get done with the submission.

6. Me: What day planner software do you use currently

Client: apple calendar

7. Me: Do you face any particular problem with this application?

Client: Yes, often I forget to open the application which practically destroys the purpose of the app moreover I don't tend to follow it, the features are very standard and it's just like a book-keeping method which just makes me procrastinate more about my work.

8. Me: So, the problem is lack of creativity

Client: Yes, exactly

9. Me: For my product I have a rough idea on how I picture it to be, due to the rigorous schedules and deadlines and lack of creativity offered by day planner software I have come up with an idea where the application makes your day.

Client: Make my day? As in the app making a schedule?

10. Me: yes, so the app works on based on your mood, as a user you will get to choose what your mood is and based on that the app gives its own recommendations of activities for you, moreover there is a deadline section which records your deadlines and displays it to ensure that your priorities are set straight, the app is something new and the activities suggested are fun and productive.

Client: That sounds like a very useful app, I'm sure it will help a lot of people as I know stressed how I can be with scheduling and helps with procrastination.

11. Me: Perfect, for the interface I am deciding a simple and a user-friendly design with straightforward questions. Is there anything particular in your mind regarding the design?

Client: I would prefer it to have a notification feature as I often forget to check the application. I would also prefer my app to be green colored as it's my favorite and as it's a day planner with the suggestions and deadlines I would like to have an actual calendar feature too where I can check out for important dates. If possible, I would also like a holiday tracker which tracks the upcoming holiday and alerts me about it so that I can plan the work accordingly.

12. Me: Yes, I will try my best to implement all your preferences.

Client: Yes, that would be great.

Appendix B: Second interview with the client

1. Me: Good evening, I have called you in today to get a mid-project feedback from you, I wanted to see whether you like the interface and existing features I have put.

Client: Good evening, I am quite eager about the progress, please go ahead

2. Me: so, for now I am done till the point where the client is redirected to the mood page, based on your color preference I have gone for a pastel green color to give an aesthetically pleasing feel, and the login and sign up pages have been made which take in your details and save it accordingly in this desktop.

Client: The design overall is good but too simple, could you try for a different background or change in fonts? Moreover, it would be more convenient if you make the gender option as a multiple choice than us typing it out, it makes the data entry more convenient. The same is for the mood page, I feel like displaying options is much better than the drop-down box.

3. Me: Certainly, I will make the changes, is there any other suggestion?

Client: Not currently, maybe when I will see the entire project running I would clearer idea

Appendix C: Final interview

1. Me: how was the project overall?

Client: Overall I I feel like the project is very versatile and it's very creative the option to choose from your mood and getting the recommendations have been very well written and the use of the informal and formal language gives like a sort of connection with the program and a user as if the program is like an actual assistant who is making the day which I really like I also liked the colour and design which has now come up to become specially from when I first saw the interface design which now looks very simple but elegant also I like the deadline feature and the time table which is given which helps me in navigating my way through the day and checking how many days are left before my assignment

2. Me: do you think there could be further improvements done for the project to be more versatile?

Client: yes, the program is so creative that I feel like there's a huge future prospect of making this program very efficient and more user friendly. Firstly for the deadlines the user can only input the deadlines of one particular date thus I feel like more options can be given on different deadline dates because there are different kind of assignments which have their own submission times. Moreover, the dashboard feature can have more activities for the client and the user for example if it's about a day planner and if activities such as yoga or walk is given then something like a walk tracker or yoga tracker would be helpful. Even though I really like the colour and design I feel like there should be more flexibility and what user can choose for their interface design as it's a day planner app and we usually like to customise such things to a preferences and our choices always change does it feel like more flexibility could be given to the user regarding the colour they want to choose or design they want to choose or like the kind of buttons which could come for the mood page so such creative stuff could be added to motivate the users to use the app more frequently which is the entire purpose of the program.

3. Me: Thank you so much for this valuable feedback I will work on how I can improvise this product.

Client: Thank you! I really love the idea behind this program and I will definitely use it to get some productive recommendations

Code:

<u>Login page:</u>

package com.calculator.make_my_day;

```java
/**
 *
 */
public class loginPage extends javax.swing.JFrame {

    /**
     * Creates new form loginPage
     */
    public loginPage() {
        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();
        btnSign = new javax.swing.JButton();
        btnregister = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setTitle("LoginPage ");
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

        jPanel2.setBackground(new java.awt.Color(224, 249, 230));

        jLabel1.setFont(new java.awt.Font("Apple Chancery", 1, 20)); // NOI18N
        jLabel1.setText("Hello User ");

        btnSign.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
        btnSign.setText("Existing User");
        btnSign.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                btnSignActionPerformed(evt);
            }
        });
```

```java
        btnregister.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
        btnregister.setText("New User");
        btnregister.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                btnregisterActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(
            jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(37, 37, 37)
                .addComponent(btnregister)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(btnSign)
                .addGap(22, 22, 22))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(113, 113, 113))
        );
        jPanel2Layout.setVerticalGroup(
            jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(29, 29, 29)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                    .addComponent(btnSign)
                    .addComponent(btnregister))
                .addGap(0, 0, Short.MAX_VALUE))
        );

        getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(90,
60, 360, 170));

        jLabel2.setIcon(new javax.swing.ImageIcon("/Users/ssaumya/Desktop/background
app.jpeg")); // NOI18N
        jLabel2.setText("jLabel2");
```

```java
        getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
550, 300));

        setSize(new java.awt.Dimension(550, 328));
        setLocationRelativeTo(null);
    }// </editor-fold>

    private void btnregisterActionPerformed(java.awt.event.ActionEvent evt) {
        Register reg = new Register();
        reg.setVisible(true);
        this.setVisible(false );// CODE TO REDIRECT TO REGISTER PAGE
    }

    private void btnSignActionPerformed(java.awt.event.ActionEvent evt) {
        SignIn sign = new SignIn();
        sign.setVisible(true);
        this.setVisible(false);// 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(loginPage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
        } catch (InstantiationException ex) {

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

java.util.logging.Logger.getLogger(loginPage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
```

```java
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(loginPage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new loginPage().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton btnSign;
    private javax.swing.JButton btnregister;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JPanel jPanel2;
    // End of variables declaration
}
```

Register Page

```java
package com.calculator.make_my_day;

import java.io.File;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.SimpleDateFormat;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ButtonGroup;
import javax.swing.JFileChooser;
import javax.swing.JOptionPane;




public class Register extends javax.swing.JFrame {
```

```
ButtonGroup bg;

public Register() {

initComponents();
bg= new ButtonGroup();
bg.add(opt1);
bg.add(opt2);
bg.add(opt3);

opt1.setSelected(true);

}

public static final String USERNAME = "root";
public static final String PASSWORD = "root";
public static final String CONN_STRING = "jdbc:mysql://localhost/ClientInfo";




@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

  jPanel1 = new javax.swing.JPanel();
  jLabel1 = new javax.swing.JLabel();
  jLabel3 = new javax.swing.JLabel();
  jLabel4 = new javax.swing.JLabel();
  jLabel5 = new javax.swing.JLabel();
  jLabel6 = new javax.swing.JLabel();
  jLabel7 = new javax.swing.JLabel();
  jLabel8 = new javax.swing.JLabel();
  jLabel9 = new javax.swing.JLabel();
  Fname = new javax.swing.JTextField();
  LName = new javax.swing.JTextField();
  Emailad = new javax.swing.JTextField();
  Username = new javax.swing.JTextField();
  Password = new javax.swing.JPasswordField();
  jLabel10 = new javax.swing.JLabel();
  opt1 = new javax.swing.JRadioButton();
  opt3 = new javax.swing.JRadioButton();
  opt2 = new javax.swing.JRadioButton();
  jButton1 = new javax.swing.JButton();
  Dat = new com.toedter.calendar.JDateChooser();
  jLabel2 = new javax.swing.JLabel();
```

```java
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Register Page");
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(228, 239, 229));

jLabel1.setFont(new java.awt.Font("Apple Chancery", 1, 24)); // NOI18N
jLabel1.setText("Welcome!!");

jLabel3.setFont(new java.awt.Font("Apple Chancery", 3, 15)); // NOI18N
jLabel3.setText("Please enter the details below ");

jLabel4.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel4.setText("First Name ");

jLabel5.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel5.setText("Last Name ");

jLabel6.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel6.setText("Email address");

jLabel7.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel7.setText("Date of Birth");

jLabel8.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel8.setText("Username");

jLabel9.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel9.setText("Password");

jLabel10.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jLabel10.setText("Gender");

opt1.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
opt1.setText("F");

opt3.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
opt3.setText("other");

opt2.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
opt2.setText("M");

jButton1.setFont(new java.awt.Font("Apple Chancery", 1, 13)); // NOI18N
jButton1.setText("Create profile");
jButton1.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jButton1ActionPerformed(evt);
   }
});
```

```
Dat.setDateFormatString("dd-MM-yyyy");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(28, 28, 28)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addComponent(Fname, javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(LName, javax.swing.GroupLayout.PREFERRED_SIZE, 152,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(31, 31, 31))
            .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jLabel7)
                    .addComponent(jLabel6))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addComponent(Emailad,
javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(0, 0, Short.MAX_VALUE))
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addComponent(Dat, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel10)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(opt1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addComponent(opt2)
```

```
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(opt3)
                        .addGap(11, 11, 11))))))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addGap(53, 53, 53)
                .addComponent(jLabel4)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel5)
                .addGap(81, 81, 81))
            .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(178, 178, 178)
                        .addComponent(jLabel1))
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(133, 133, 133)
                        .addComponent(jLabel3)))
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(38, 38, 38)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG, false)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addComponent(jLabel9)
                        .addGap(18, 18, 18)
                        .addComponent(Password))
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addComponent(jLabel8)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addComponent(Username, javax.swing.GroupLayout.PREFERRED_SIZE,
178, javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jButton1)
                .addGap(19, 19, 19))
        );
        jPanel1Layout.setVerticalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
                .addComponent(jLabel3)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                .addComponent(jLabel4)
                .addComponent(jLabel5))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addComponent(LName, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(Fname, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                .addComponent(jLabel6)
                .addComponent(Emailad, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILI
NG)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
                .addComponent(jLabel7)
                .addComponent(jLabel10)
                .addComponent(opt1)
                .addComponent(opt3)
                .addComponent(opt2))
                .addComponent(Dat, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addComponent(jLabel8)
                .addComponent(Username, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))


.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
```

```java
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel9)
                    .addComponent(Password, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
14, Short.MAX_VALUE)
                .addComponent(jButton1)
                .addGap(14, 14, 14))))
    );

    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(40,
10, 450, 280));

    jLabel2.setIcon(new javax.swing.ImageIcon("/Users/ssaumya/Desktop/background
app.jpeg")); // NOI18N
    jLabel2.setText("jLabel2");
    getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
-1, -1));

    setSize(new java.awt.Dimension(550, 328));
    setLocationRelativeTo(null);
  }// </editor-fold>

  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
  // code to check if any fields are empty
    String Lname,Email,DOB,Gender,User,Pass= "";
    String FName=Fname.getText();
    Lname=LName.getText();
    Email=Emailad.getText();
    DOB=Dat.getDate().toString();
    Gender=opt1.getText();
    Gender=opt2.getText();
    Gender=opt3.getText();
    User=Username.getText();
    Pass=Password.getText();

    if(FName.equals("")|Lname.equals("")| Email.equals("")| DOB.equals("")|
Gender.equals("")|User.equals("")| Pass.equals(""))
        JOptionPane.showMessageDialog(null, "All fields must be filled!");
    else
    {
```

```java
       try{
          Class.forName("com.mysql.jdbc.Driver");
          Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/ClientInfo" ,"root", "");
          //String sql = "INSERT INTO 'user' ('Fname', 'LName', 'Emailad', 'DOB', 'Gender',
'Username', 'Password') values (? , ?, ?, ?,?,?)" ;


          String sql = "INSERT INTO user values (? ,?, ?, ?, ?,?,?)" ;

          //String sql = "Select * from user where Fname=?, LName=? , Emailad=? , Gender
= ? , Username=? and Password=?";
          PreparedStatement pst = con.prepareStatement(sql);
           //JOptionPane.showMessageDialog(null, "in line 273 : "+DOB);
         pst.setString(1, FName);
          pst.setString(2, Lname);
          pst.setString(3, Email);
          pst.setString(4, DOB);
          pst.setString(5, Gender);
          pst.setString(6, User);
          pst.setString(7, Pass);


           //pst.execute();
           // JOptionPane.showMessageDialog(null, "in line 290 : "+sql);
         // ResultSet rs = pst.executeQuery();
           if (pst.execute()){
           JOptionPane.showMessageDialog(null, "succesful");

           }
           con.close();
          }
           catch (Exception e) {

           JOptionPane.showMessageDialog(null , e);
           }




// to go to the next page
        Mood_page mod = new Mood_page();
        mod.setVisible(true);
        this.setVisible(false );

      }
```

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



        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            @Override
            public void run() {
                new Register().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private com.toedter.calendar.JDateChooser Dat;
    private javax.swing.JTextField Emailad;
    private javax.swing.JTextField Fname;
    private javax.swing.JTextField LName;
    private javax.swing.JPasswordField Password;
    private javax.swing.JTextField Username;
    private javax.swing.JButton jButton1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel10;
    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 opt1;
    private javax.swing.JRadioButton opt2;
    private javax.swing.JRadioButton opt3;
    // End of variables declaration
}
```

Sign in Page

```java
package com.calculator.make_my_day;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
```

```java
public class SignIn extends javax.swing.JFrame {

    /**
     * Creates new form SignIn
     */
    public SignIn() {
        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();
        jLabel4 = new javax.swing.JLabel();
        pas = new javax.swing.JPasswordField();
        user = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

        jPanel1.setBackground(new java.awt.Color(215, 244, 222));

        jLabel2.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
        jLabel2.setText("Welcome Back!!");

        jLabel3.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
        jLabel3.setText("Username ");

        jLabel4.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
        jLabel4.setText("Password");

        jButton1.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
        jButton1.setText("Next");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });
```

```java
        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                  .addGap(134, 134, 134)
                  .addComponent(jLabel2))
                .addGroup(jPanel1Layout.createSequentialGroup()
                  .addGap(46, 46, 46)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                      .addComponent(jLabel4)
                      .addGap(31, 31, 31)
                      .addComponent(pas, javax.swing.GroupLayout.PREFERRED_SIZE,
166, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGroup(jPanel1Layout.createSequentialGroup()
                      .addComponent(jLabel3)
                      .addGap(18, 18, 18)
                      .addComponent(user)))))
              .addContainerGap(79, Short.MAX_VALUE))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
              .addGap(0, 0, Short.MAX_VALUE)
              .addComponent(jButton1)
              .addGap(26, 26, 26))
        );
        jPanel1Layout.setVerticalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
              .addContainerGap()
              .addComponent(jLabel2)
              .addGap(29, 29, 29)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel3)
                .addComponent(user, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
              .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel4)
```

```java
        .addComponent(pas, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(jButton1)
        .addContainerGap(18, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(80,
30, 390, 210));

    jLabel1.setIcon(new javax.swing.ImageIcon("/Users/ssaumya/Desktop/background
app.jpeg")); // NOI18N
    jLabel1.setText("jLabel1");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
550, 300));

    setSize(new java.awt.Dimension(550, 328));
    setLocationRelativeTo(null);
  }// </editor-fold>

  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
String Username,Password;

    Username=user.getText().toString();
    Password=pas.getText().toString();
    String errorMessage="";
     int validLogin = 0;

     if(Username.equals("")| Password.equals(""))
        //JOptionPane.showMessageDialog(null, "");
    JOptionPane.showMessageDialog(null, "All fields must be filled!");
    else
     {

       try{
         Class.forName("com.mysql.jdbc.Driver");
         Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/ClientInfo" ,"root", "");
         //String sql = "INSERT INTO 'user' ('Fname', 'LName', 'Emailad', 'DOB', 'Gender',
'Username', 'Password') values (? , ?, ?, ?,?,?)" ;




         //String sql = "Select * from user where Fname=?, LName=? , Emailad=? , Gender
= ? , Username=? and Password=?";
         Statement st = con.createStatement();
         String validate= "select Username, Password from user";
         ResultSet rt= st.executeQuery(validate);
```

```java
        while(rt.next()){
           if(rt.getString(1).equals(Username) && rt.getString(2).equals(Password))
           { JOptionPane.showMessageDialog(this , "login succesful");
           validLogin = 1;
           break;
           }
           else
           {
           errorMessage = "incorrect details added please check again";
          // JOptionPane.getRootFrame().dispose();
           }



         }

       }
       catch (Exception e) {

       //JOptionPane.showMessageDialog(this , e.getMessage());
       errorMessage =  e.getMessage();
        }




       if(validLogin == 1){
          Mood_page mod = new Mood_page();
      mod.setVisible(true);
      this.setVisible(false );
        }
        else{
           JOptionPane.showMessageDialog(null , errorMessage);
        }


    }        // 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
```

```java
         */
        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(SignIn.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
        } catch (InstantiationException ex) {

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

java.util.logging.Logger.getLogger(SignIn.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SignIn.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new SignIn().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    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.JPanel jPanel1;
    private javax.swing.JPasswordField pas;
    private javax.swing.JTextField user;
    // End of variables declaration
}
```

Mood page

```java
package com.calculator.make_my_day;

import java.awt.Font;
import javax.swing.JLabel;

/**
 *

 */
public class Mood_page extends javax.swing.JFrame {

    /**
     * Creates new form Mood_page
     */

    public static String dashBoardMoodContent = "";
    public Mood_page() {
        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();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jButton5 = new javax.swing.JButton();
        jButton6 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

        jPanel1.setBackground(new java.awt.Color(229, 243, 234));

        jLabel2.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
        jLabel2.setText("Tell us about your mood ");
```

```java
jLabel3.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jLabel3.setText("How are you feeling today ");

jButton1.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton1.setText("Happy");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton2.setText("Lazy");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton3.setText("Emotional");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jButton4.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton4.setText("Frustrated");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jButton5.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton5.setText("Stressed");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

jButton6.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton6.setText("Bored");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});
```

```java
        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                        .addComponent(jLabel2)
                        .addGap(152, 152, 152))
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                        .addComponent(jLabel3)
                        .addGap(164, 164, 164))))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(47, 47, 47)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILI
NG)
                        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 135,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                        .addComponent(jButton5, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jButton3, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jButton6, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(90, 90, 90))
        );
        jPanel1Layout.setVerticalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
```

```
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel3)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
            .addComponent(jButton1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addGap(24, 24, 24)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addContainerGap(37, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(20,
10, 500, 270));

    jLabel1.setIcon(new javax.swing.ImageIcon("/Users/ssaumya/Desktop/background
app.jpeg")); // NOI18N
    jLabel1.setText("jLabel1");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
550, 300));

    setSize(new java.awt.Dimension(550, 328));
    setLocationRelativeTo(null);
  }// </editor-fold>

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


  /*
```

```java
    levlMood.setBounds(50,50,100,30);
    levlMood.setFont(new Font("Verdana", Font.PLAIN,16));
    levlMood.setText("Your mood text");
    dashboardobj.add(levlMood);

    dashboardobj.*/

    dashBoardMoodContent = "If you are happy try doing these things!!:"+ "\n" + "-Join that
yoga class you have been contemplating about"+" \n" +
"-Take your dog for a walk" + "\n" + "-Fortnite coz it feels right" + "\n" + "-Read that book
which you have heard so much about" + "\n" +
"-Volunteer- helping others is always the best option" +  "\n" + "-Take an online course-
never stop learning";
    Deadline_page mod = new Deadline_page();
        mod.setVisible(true);
        this.setVisible(false );




    }          // TODO add your handling code here:
  }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
{
    dashBoardMoodContent = "If you are feeling lazy try doing these things!!:"+"\n" +"-Go
for a tranquil walk, enjoy the nature"+" \n" +
"- Listen to a motivating podcast"+ " \n" + "-Organise your room"+"\n" +"-Light up some
candles and give yourself a spa day"+" \n" +
"- Try learning a language ";
    Deadline_page mod = new Deadline_page();
        mod.setVisible(true);
        this.setVisible(false );


    }          // TODO add your handling code here:
  }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
{
    dashBoardMoodContent = "If you are frustrated try doing these things!!:\n" +
"-Art is the way to your heart \n" +
"-Listen to music\n" +
"Try gardening \n" +
"-Visit that famous cat café \n" +
"-Netflix and literally chill \n" +
"-Haven't tried journaling? What are you doing ";
    Deadline_page mod = new Deadline_page();
        mod.setVisible(true);
        this.setVisible(false );


    }          // TODO add your handling code here:
```

```java
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
{
     dashBoardMoodContent = "If you are feeling emotional try doing these things!!:\n" +
"-Meet a friend and talk to them- sharing is caring for yourself \n" +
"-Play that piano kept in the storage room\n" +
"-spend time with your family \n" +
"-Meditate ";
    Deadline_page mod = new Deadline_page();
        mod.setVisible(true);
        this.setVisible(false );


        }        // TODO add your handling code here:
    }

    private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
{
     dashBoardMoodContent = "If you are stressed try doing these things!!:\n" +
"-Prepare a healthy meal for yourself \n" +
"-Get a message-relax yourself (literally)\n" +
"-The "deep talk" with your loved one \n" +
"-Go to the beach-sunsets!\n" +
"-Late night drives, be in your vibes \n" +
"-Go for a dance or an activity workshop \n" +
"";
    Deadline_page mod = new Deadline_page();
        mod.setVisible(true);
        this.setVisible(false );


        }        // TODO add your handling code here:
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
{
     dashBoardMoodContent = "If you are bored try doing these things!!:\n" +
"-Go to that escape room place with your group \n" +
"-Clean your play station area \n" +
"-Gym- to be fit \n" +
"-Write your TOK essay \n" +
"-Go check out that new trendy café that recently opened.";
    Deadline_page mod = new Deadline_page();
        mod.setVisible(true);
        this.setVisible(false );


        }        // TODO add your handling code here:
    }

    /**
     * @param args the command line arguments
```

```java
     */
    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(Mood_page.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(Mood_page.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 Mood_page().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton jButton1;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JButton jButton4;
    private javax.swing.JButton jButton5;
```

```java
    private javax.swing.JButton jButton6;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JPanel jPanel1;
    // End of variables declaration
}
```

Deadline Page

```java
package com.calculator.make_my_day;
import com.calculator.make_my_day.Dashboard;
import java.util.Scanner;

/**
 *

 */
public class Deadline_page extends javax.swing.JFrame {

    /**
     * Creates new form Deadline_page
     */
    public static String dashBoardDeadlineContent = "";
    public Deadline_page() {
        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();
        jDateChooser1 = new com.toedter.calendar.JDateChooser();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```java
jPanel1.setBackground(new java.awt.Color(226, 243, 229));

jLabel2.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
jLabel2.setText("Your Deadlines ");

jLabel3.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jLabel3.setText("Chooose your deadline date ");

jLabel4.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jLabel4.setText("Input your task which needs to be done");

jTextField1.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jTextField1ActionPerformed(evt);
   }
});

jButton1.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
jButton1.setText("Home");
jButton1.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jButton1ActionPerformed(evt);
   }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
   jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
   .addGroup(jPanel1Layout.createSequentialGroup()
      .addGap(27, 27, 27)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
         .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
267, javax.swing.GroupLayout.PREFERRED_SIZE))
         .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel3)
            .addGap(26, 26, 26)
            .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE, 181,
javax.swing.GroupLayout.PREFERRED_SIZE)))
         .addContainerGap(16, Short.MAX_VALUE))
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
         .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel2)
                .addGap(198, 198, 198))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addComponent(jButton1)
                .addGap(31, 31, 31))))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel2)
            .addGap(37, 37, 37)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addComponent(jDateChooser1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel3))
            .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addComponent(jLabel4)
                .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
110, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)
            .addComponent(jButton1)
            .addContainerGap(10, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 10,
540, 280));

    jLabel1.setIcon(new javax.swing.ImageIcon("/Users/ssaumya/Desktop/background
app.jpeg")); // NOI18N
    jLabel1.setText("jLabel1");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
550, 300));

    setSize(new java.awt.Dimension(550, 328));
    setLocationRelativeTo(null);
  }// </editor-fold>

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

```java
        // Scanner sc = new Scanner(System.in);

    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        String task= jTextField1.getText();
      dashBoardDeadlineContent= task;

      //System.out.println("---task---"+task);
      //System.out.println("---dashBoardDeadlineContent---"+dashBoardDeadlineContent);

      Dashboard dash = new Dashboard();
        dash.setVisible(true);
        this.setVisible(false );// CODE TO REDIRECT TO Dashboard page
    }

    /**
     * @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(Deadline_page.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
      } catch (InstantiationException ex) {

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

java.util.logging.Logger.getLogger(Deadline_page.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
      } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(Deadline_page.class.getName()).log(java.util.logging.Le
vel.SEVERE, null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new Deadline_page().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton jButton1;
    private com.toedter.calendar.JDateChooser jDateChooser1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel4;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JTextField jTextField1;
    // End of variables declaration
}
```

Dashboard page

```
package com.calculator.make_my_day;

/**
 *
 */
public class Dashboard extends javax.swing.JFrame {

    /**
     * Creates new form Dashboard
     */
    public Dashboard() {
        initComponents();

        Mood_page moodObj = new Mood_page();
        Deadline_page deedObj = new Deadline_page();
        jTextArea1.append(Mood_page.dashBoardMoodContent);

        jTextArea3.append(Deadline_page.dashBoardDeadlineContent);

    }
```

```
/**
 * 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();
    jLabel4 = new javax.swing.JLabel();
    jScrollPane3 = new javax.swing.JScrollPane();
    jTextArea3 = new javax.swing.JTextArea();
    jPanel3 = new javax.swing.JPanel();
    jLabel3 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTextArea1 = new javax.swing.JTextArea();
    jCalendar1 = new com.toedter.calendar.JCalendar();
    jLabel2 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jPanel2.setBackground(new java.awt.Color(183, 226, 195));

    jLabel4.setFont(new java.awt.Font("Apple Chancery", 1, 18)); // NOI18N
    jLabel4.setText("Your Deadlines !!");

    jTextArea3.setBackground(new java.awt.Color(183, 226, 195));
    jTextArea3.setColumns(20);
    jTextArea3.setRows(5);
    jScrollPane3.setViewportView(jTextArea3);

    javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
    jPanel2.setLayout(jPanel2Layout);
    jPanel2Layout.setHorizontalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
            .addContainerGap(186, Short.MAX_VALUE)
            .addComponent(jLabel4)
            .addGap(184, 184, 184))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jScrollPane3)
            .addContainerGap())
    );
    jPanel2Layout.setVerticalGroup(
```

```
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 92,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(16, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(290,
70, 500, 150));

    jPanel3.setBackground(new java.awt.Color(183, 226, 195));

    jLabel3.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
    jLabel3.setText("Here are some recommendations for you  ");

    jTextArea1.setBackground(new java.awt.Color(183, 226, 195));
    jTextArea1.setColumns(20);
    jTextArea1.setFont(new java.awt.Font("Apple Chancery", 1, 14)); // NOI18N
    jTextArea1.setRows(5);
    jScrollPane1.setViewportView(jTextArea1);

    javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
    jPanel3.setLayout(jPanel3Layout);
    jPanel3Layout.setHorizontalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
                .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, 248,
Short.MAX_VALUE)
                .addComponent(jScrollPane1))
            .addContainerGap())
    );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 360,
Short.MAX_VALUE)
            .addContainerGap())
    );
```

```java
        getContentPane().add(jPanel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10,
70, 260, 420));
        getContentPane().add(jCalendar1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(280, 230, 510, 260));

        jLabel2.setFont(new java.awt.Font("Apple Chancery", 1, 36)); // NOI18N
        jLabel2.setText("Hello!!");
        getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(360,
10, 110, 40));

        jLabel1.setIcon(new
javax.swing.ImageIcon("/Users/ssaumya/Desktop/wallpaperflare.com_wallpaper.jpg")); //
NOI18N
        jLabel1.setText("jLabel1");
        getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
800, 500));

        setBounds(0, 0, 800, 528);
    }// </editor-fold>

    /**
     * @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(Dashboard.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Dashboard.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
        } catch (IllegalAccessException ex) {
```

```java
java.util.logging.Logger.getLogger(Dashboard.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Dashboard.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
       public void run() {
          new Dashboard().setVisible(true);
       }
    });
}

// Variables declaration - do not modify
private com.toedter.calendar.JCalendar jCalendar1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane3;
private javax.swing.JTextArea jTextArea1;
private javax.swing.JTextArea jTextArea3;
// End of variables declaration
}
```