JAVA SWING BASED – Mental Health service - SQL CONNECTIVITY USING JDBC

A
Report
Submitted in partial fulfillment of the
Requirements for the award of the Degree of

BACHELOR OF ENGINEERING
IN
INFORMATION TECHNOLOGY
By

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BONAFIDE CERTIFICATE

This is to certify that this project report titled
'Mental Health service'
is a project work of **pellivilla Umadevi** bearing roll no. 1602-20-737-056 who carried out this project under my supervision in the IV semester for the academic year 2021- 2022

Signature
External Examiner

Signature
Internal Examiner

ABSTRACT

In Mental health services all the mental health information was stored using database. And service been provided to that according to precautions and medicines. And all the medicines which are used to which disease was stored in the tables and for consultation there is fee. That information also stored in it.

Requirement Analysis

List of Tables:

- Students
- illness
- consultation
- medicine
- billing
- sick
- bill

List of Attributes with their Domain Types:

Student_M

* name varchar2(20),
*sid number,
* sage number,
*sgender varchar2(10),
* primary key(sid));

Illness
*illness_id number(15),
*symptoms varchar(20)
*since date

medicine

* medicine_ID number(10),
*generic_name varchar2(25),
* purpose varchar2(20),
*precuations varchar(20));

bill

Doctor_fee numeric(5),
Medicine_fee number(5),
test_fee number(5),
bill_no number(10),
primary key(bill_no));

sick

sid number,
illness_ID number(10),
since date,
foreign key(sid) references Student_M,
foreign key(illness_ID) references illness,
primary key(sid,illness_ID));

consultation

illness_ID number(10),
medicine_ID number(10),
doctor_ID number(10),
prescription varchar2(20),
foreign key(illness_ID) references illness,

```
  primary key(doctor_ID))
```

billing

```
  bill_no number(10),
   sid number,
   foreign key(bill_no) references bill,
   foreign key(sid) references Student_M,
   primary key(bill_no,sid));
```

AIM AND PRIORITY OF THE PROJECT

To create a **Java GUI-based** desktop application that connects students looking for internships with project managers looking for interns. It takes values like student name, student id, gender, symptoms, etc through forms which are then updated in the database using JDBC connectivity.

ARCHITECTURE AND TECHNOLOGY

Software used:

Java Eclipse, Oracle 11g Database, Java SE version 13, SQL*Plus.

Java SWING:

Java SWING is a GUI widget toolkit for Java. It is part of Oracle's Java Foundation Classes (JFC) - an API for providing a graphical user interface (GUI) for Java programs.

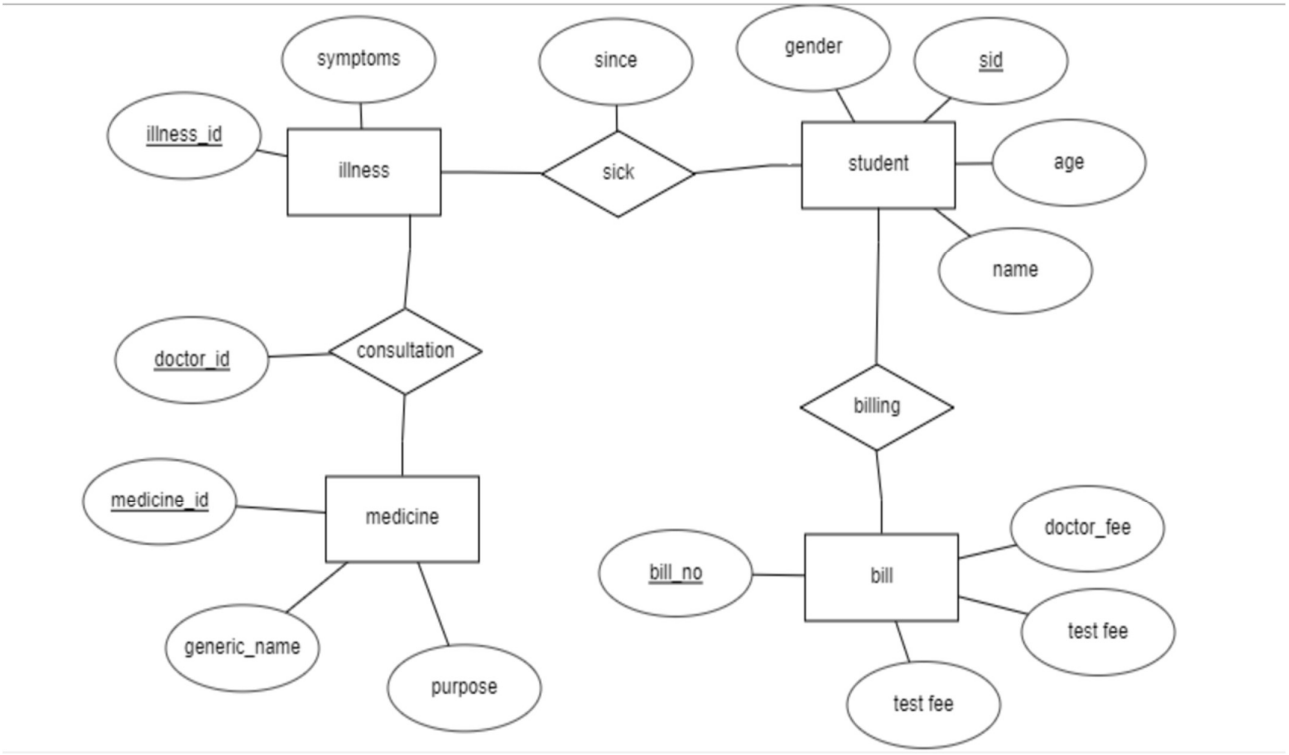
Swing was developed to provide a more sophisticated set of GUI components than the earlier AWT. Swing provides a look and feel that emulates the look and feel of several platforms, and also supports a pluggable look and feel that allows applications to have a look and feel unrelated to the underlying platform. It has more powerful and flexible components than AWT. In addition to familiar components such as buttons, check boxes and labels, Swing provides several advanced components such as tabbed panel, scroll panes, trees, tables, and lists.

SQL:

Structure Query Language(SQL) is a database query language used for storing and managing data in **Relational** DBMS. SQL was the first commercial language introduced for E.F Codd's Relational model of database. Today almost all RDBMS (MySql, Oracle, Infomix, Sybase, MS Access) use **SQL** as the standard database query language. SQL is used to perform all types of data operations in RDBMS.

DESIGN

Entity Relationship Diagram



DATABASE DESIGN

Mapping Cardinality and Participation Constraints

In college all students mental will be taken and according to the symptoms they have will given so precautions are given to control
the mental health.
The database of students and illness have a relational set. And between illness and medicine there is a relational set consultation.
In which if there is need to consult doctor id is provided.
And there is a relational set between student and bill. In billing relational set there are bills by doctor , medicine ,tests fee.

DDL Operations

SQL> create table Student_M
2 (
3 name varchar2(20),
4 sid number,
5 sage number,
6 sgender varchar2(10),
7 primary key(sid));

Table created.

```
SQL> create table Student_M
  2  (
  3  name varchar2(20),
  4  sid number,
  5  sage number,
  6  sgender varchar2(10),
  7  primary key(sid));

Table created.
```

```
SQL> desc student_m;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 NAME                                               VARCHAR2(20)
 SID                                       NOT NULL NUMBER
 SAGE                                               NUMBER
 SGENDER                                            VARCHAR2(10)
```

SQL> create table illness
2 (
3 illness_ID number(10),
4 symptoms varchar2(20),
5 primary key(illness_ID));

Table created.

```
SQL> create table illness
  2  (
  3  illness_ID number(10),
  4  symptoms varchar2(20),
  5  primary key(illness_ID));

Table created.
```

```
SQL> desc illness;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ILLNESS_ID                                NOT NULL NUMBER(10)
 SYMPTOMS                                           VARCHAR2(20)
```

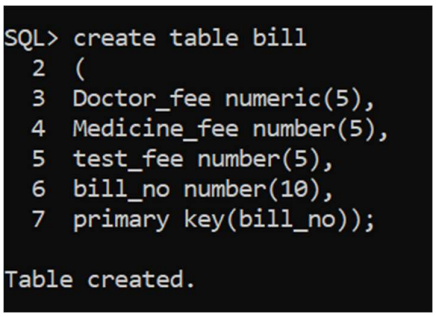
SQL> create table medicine
2 (
3 medicine_ID number(10),
4 generic_name varchar2(25),
5 purpose varchar2(20),
6 precuations varchar(20));

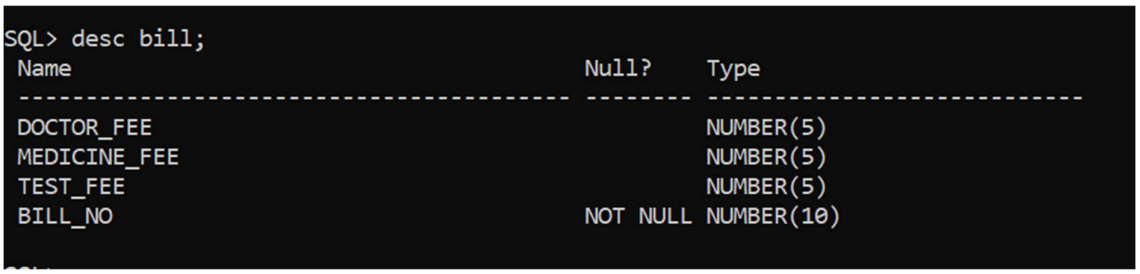
Table created.

```
SQL> create table medicine
  2  (
  3  medicine_ID number(10),
  4  generic_name varchar2(25),
  5  purpose varchar2(20),
  6  precuations varchar(20));

Table created.
```

```
SQL> desc medicine;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 MEDICINE_ID                                        NUMBER(10)
 GENERIC_NAME                                       VARCHAR2(25)
 PURPOSE                                            VARCHAR2(20)
 PRECUATIONS                                        VARCHAR2(20)
```

```
SQL> create table bill
  2  (
  3  Doctor_fee numeric(5),
  4  Medicine_fee number(5),
  5  test_fee number(5),
  6  bill_no number(10),
  7  primary key(bill_no));

Table created.
```






```
SQL> create table sick
  2  (
  3  sid number,
  4  illness_ID number(10),
  5  since date,
  6  foreign key(sid) references Student_M,
  7  foreign key(illness_ID) references illness,
  8  primary key(sid,illness_ID));

Table created.
```

```
SQL> create table sick
  2  (
  3  sid number,
  4  illness_ID number(10),
  5  since date,
  6  foreign key(sid) references Student_M,
  7  foreign key(illness_ID) references illness,
  8  primary key(sid,illness_ID));

Table created.
```

```
SQL> desc sick;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 SID                                       NOT NULL NUMBER
 ILLNESS_ID                                NOT NULL NUMBER(10)
 SINCE                                              DATE
```

```
SQL> create table consultation
  2  (
  3  illness_ID number(10),
  4  medicine_ID number(10),
  5  doctor_ID number(10),
  6  prescription varchar2(20),
  7  foreign key(illness_ID) references illness,
  8  primary key(doctor_ID));

Table created.
```

```
SQL> create table consultation
  2  (
  3  illness_ID number(10),
  4  medicine_ID number(10),
  5  doctor_ID number(10),
  6  prescription varchar2(20),
  7  foreign key(illness_ID) references illness,
  8  primary key(doctor_ID));

Table created.
```

```
SQL> desc consultation;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ILLNESS_ID                                         NUMBER(10)
 MEDICINE_ID                                        NUMBER(10)
 DOCTOR_ID                                 NOT NULL NUMBER(10)
 PRESCRIPTION                                       VARCHAR2(20)
```

```
SQL> create table billing
  2  (
  3  bill_no number(10),
  4  sid number,
  5  foreign key(bill_no) references bill,
  6  foreign key(sid) references Student_M,
  7  primary key(bill_no,sid));

Table created.
```

```
SQL> create table billing
  2  (
  3  bill_no number(10),
  4  sid number,
  5  foreign key(bill_no) references bill,
  6  foreign key(sid) references Student_M,
  7  primary key(bill_no,sid));

Table created.

SQL> _
```

```
SQL> desc billing;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 BILL_NO                                   NOT NULL NUMBER(10)
 SID                                       NOT NULL NUMBER
```

DML Operations

```
SQL> insert into student_m values('&name',&sid,&age,'&sgender');
Enter value for name: uma
Enter value for sid: 56
Enter value for age: 19
Enter value for sgender: female
old   1: insert into student_m values('&name',&sid,&age,'&sgender')
new   1: insert into student_m values('uma',56,19,'female')
```

```
SQL> /
Enter value for name: ram
Enter value for sid: 94
Enter value for age: 20
Enter value for sgender: male
old   1: insert into student_m values('&name',&sid,&age,'&sgender')
new   1: insert into student_m values('ram',94,20,'male')

1 row created.

SQL> /
Enter value for name: jones
Enter value for sid: 53
Enter value for age: 21
Enter value for sgender: male
old   1: insert into student_m values('&name',&sid,&age,'&sgender')
new   1: insert into student_m values('jones',53,21,'male')

1 row created.

SQL> /
Enter value for name: jai
Enter value for sid: 45
Enter value for age: 19
Enter value for sgender: male
old   1: insert into student_m values('&name',&sid,&age,'&sgender')
new   1: insert into student_m values('jai',45,19,'male')

1 row created.

SQL> /
Enter value for name: ruby
Enter value for sid: 26
Enter value for age: 20
Enter value for sgender: female
old   1: insert into student_m values('&name',&sid,&age,'&sgender')
new   1: insert into student_m values('ruby',26,20,'female')

1 row created.
```

```
SQL> select * from student_m;

NAME                      SID       SAGE SGENDER
-------------------- ---------- ---------- ----------
uma                        56         19 female
ram                        94         20 male
jones                      53         21 male
jai                        45         19 male
ruby                       26         20 female

SQL>
```

2.

```
SQL> insert into illness values(&illness_id,'&symptoms');
Enter value for illness_id: 8945
Enter value for symptoms: sleep problem
old   1: insert into illness values(&illness_id,'&symptoms')
new   1: insert into illness values(8945,'sleep problem')
```

```
SQL> /
Enter value for illness_id: 8496
Enter value for symptoms: emtional outbursts
old   1: insert into illness values(&illness_id,'&symptoms')
new   1: insert into illness values(8496,'emtional outbursts')

1 row created.

SQL> /
Enter value for illness_id: 8929
Enter value for symptoms: anxious
old   1: insert into illness values(&illness_id,'&symptoms')
new   1: insert into illness values(8929,'anxious')

1 row created.

SQL> /
Enter value for illness_id: 8490
Enter value for symptoms: depression
old   1: insert into illness values(&illness_id,'&symptoms')
new   1: insert into illness values(8490,'depression')

1 row created.

SQL> /
Enter value for illness_id: 8956
Enter value for symptoms: panic
old   1: insert into illness values(&illness_id,'&symptoms')
new   1: insert into illness values(8956,'panic')
```

```
SQL> select * from illness;

ILLNESS_ID SYMPTOMS
---------- --------------------
      8945 sleep problem
      8496 emtional outbursts
      8929 anxious
      8490 depression
      8956 panic

SQL>
```

3.

```
SQL> insert into medicine values(&medicine_id,'&generic_name','&purpose','&precuations');
Enter value for medicine_id: 16025
Enter value for generic_name: ativan
Enter value for purpose: schizophrenia
Enter value for precuations:
old   1: insert into medicine values(&medicine_id,'&generic_name','&purpose','&precuations')
new   1: insert into medicine values(16025,'ativan','schizophrenia','')
```

```
SQL> /
Enter value for medicine_id: 16034
Enter value for generic_name: prozac
Enter value for purpose: bipolar,gad
Enter value for precuations:
old   1: insert into medicine values(&medicine_id,'&generic_name','&purpose','&precuations')
new   1: insert into medicine values(16034,'prozac','bipolar,gad','')

1 row created.

SQL> /
Enter value for medicine_id: 16054
Enter value for generic_name: luvox
Enter value for purpose: depression,panic
Enter value for precuations:
old   1: insert into medicine values(&medicine_id,'&generic_name','&purpose','&precuations')
new   1: insert into medicine values(16054,'luvox','depression,panic','')

1 row created.

SQL> /
Enter value for medicine_id: 15046
Enter value for generic_name: paxil
Enter value for purpose: ocd,panic
Enter value for precuations:
old   1: insert into medicine values(&medicine_id,'&generic_name','&purpose','&precuations')
new   1: insert into medicine values(15046,'paxil','ocd,panic','')

1 row created.

SQL> /
Enter value for medicine_id: 15033
Enter value for generic_name: desytal
Enter value for purpose: depression
Enter value for precuations:
old   1: insert into medicine values(&medicine_id,'&generic_name','&purpose','&precuations')
new   1: insert into medicine values(15033,'desytal','depression','')

1 row created.
```

```
MEDICINE_ID GENERIC_NAME             PURPOSE             PRECUATIONS
----------- ------------------------ ------------------- --------------------
      16025 ativan                   schizophrenia
      16044 xanax                    panic
      16034 prozac                   bipolar,gad
      16054 luvox                    depression,panic
      15046 paxil                    ocd,panic
      15033 desytal                  depression
      16056 topamax                  alcohol withdrawal

7 rows selected.
```

4.

```
SQL> insert into bill values(&doctor_fee,&medicine_fee,&test_fee,&bill_no);
Enter value for doctor_fee: 10000
Enter value for medicine_fee: 10000
Enter value for test_fee: 20000
Enter value for bill_no: 5456
old   1: insert into bill values(&doctor_fee,&medicine_fee,&test_fee,&bill_no)
new   1: insert into bill values(10000,10000,20000,5456)

1 row created.
```

```
SQL> /
Enter value for doctor_fee: 18000
Enter value for medicine_fee: 1200
Enter value for test_fee: 1800
Enter value for bill_no:
old   1: insert into bill values(&doctor_fee,&medicine_fee,&test_fee,&bill_no)
new   1: insert into bill values(18000,1200,1800,)
insert into bill values(18000,1200,1800,)
                                        *
ERROR at line 1:
ORA-00936: missing expression


SQL> /
Enter value for doctor_fee: 15000
Enter value for medicine_fee: 1200
Enter value for test_fee: 13000
Enter value for bill_no: 5455
old   1: insert into bill values(&doctor_fee,&medicine_fee,&test_fee,&bill_no)
new   1: insert into bill values(15000,1200,13000,5455)

1 row created.

SQL> /
Enter value for doctor_fee: 2300
Enter value for medicine_fee: 24000
Enter value for test_fee: 12000
Enter value for bill_no: 5454
old   1: insert into bill values(&doctor_fee,&medicine_fee,&test_fee,&bill_no)
new   1: insert into bill values(2300,24000,12000,5454)

1 row created.

SQL> /
Enter value for doctor_fee: 18000
Enter value for medicine_fee: 12000
Enter value for test_fee: 14500
Enter value for bill_no: 5453
```

```
DOCTOR_FEE MEDICINE_FEE   TEST_FEE    BILL_NO
---------- ------------ ---------- ----------
     10000        10000      20000       5456
     15000         1200      13000       5455
      2300        24000      12000       5454
     18000        12000      14500       5453

SQL>
```

5.

```
SQL> insert into sick values(&sid,&illness_id,'01-jan-22');
Enter value for sid: 56
Enter value for illness_id: 8490
old   1: insert into sick values(&sid,&illness_id,'01-jan-22')
new   1: insert into sick values(56,8490,'01-jan-22')

1 row created.
```

```
SQL> /
Enter value for sid: 94
Enter value for illness_id: 8945
old   1: insert into sick values(&sid,&illness_id,'01-jan-22')
new   1: insert into sick values(94,8945,'01-jan-22')

1 row created.

SQL> /
Enter value for sid: 53
Enter value for illness_id: 8490
old   1: insert into sick values(&sid,&illness_id,'01-jan-22')
new   1: insert into sick values(53,8490,'01-jan-22')

1 row created.

SQL> /
Enter value for sid: 45
Enter value for illness_id: 8496
old   1: insert into sick values(&sid,&illness_id,'01-jan-22')
new   1: insert into sick values(45,8496,'01-jan-22')

1 row created.

SQL> /
Enter value for sid: 26
Enter value for illness_id: 8956
old   1: insert into sick values(&sid,&illness_id,'01-jan-22')
new   1: insert into sick values(26,8956,'01-jan-22')

1 row created.

SQL> /
Enter value for sid: 94
Enter value for illness_id: 8496
old   1: insert into sick values(&sid,&illness_id,'01-jan-22')
new   1: insert into sick values(94,8496,'01-jan-22')

1 row created.
```

```
SQL> select * from sick;

       SID ILLNESS_ID SINCE
---------- ---------- ---------
        56       8490 01-JAN-22
        94       8945 01-JAN-22
        53       8490 01-JAN-22
        45       8496 01-JAN-22
        26       8956 01-JAN-22
        94       8496 01-JAN-22

6 rows selected.
```

6.

```
SQL> insert into consultation values(&illness_id,&medicine_id,&doctor_id,'&prescription');
Enter value for illness_id: 8496
Enter value for medicine_id: 16025
Enter value for doctor_id: 1
Enter value for prescription:
old   1: insert into consultation values(&illness_id,&medicine_id,&doctor_id,'&prescription')
new   1: insert into consultation values(8496,16025,1,'')

1 row created.
```

```
SQL> /
Enter value for illness_id: 8945
Enter value for medicine_id: 15046
Enter value for doctor_id: 3
Enter value for prescription:
old   1: insert into consultation values(&illness_id,&medicine_id,&doctor_id,'&prescription')
new   1: insert into consultation values(8945,15046,3,'')

1 row created.

SQL> /
Enter value for illness_id: 8490
Enter value for medicine_id: 15033
Enter value for doctor_id: 2
Enter value for prescription:
old   1: insert into consultation values(&illness_id,&medicine_id,&doctor_id,'&prescription')
new   1: insert into consultation values(8490,15033,2,'')

1 row created.

SQL> /
Enter value for illness_id: 8929
Enter value for medicine_id: 16056
Enter value for doctor_id: 9
Enter value for prescription:
old   1: insert into consultation values(&illness_id,&medicine_id,&doctor_id,'&prescription')
new   1: insert into consultation values(8929,16056,9,'')

1 row created.

SQL> /
Enter value for illness_id: 8956
Enter value for medicine_id: 16044
Enter value for doctor_id: 8
Enter value for prescription:
old   1: insert into consultation values(&illness_id,&medicine_id,&doctor_id,'&prescription')
new   1: insert into consultation values(8956,16044,8,'')
```

```
SQL> select * from consultation;

ILLNESS_ID MEDICINE_ID  DOCTOR_ID PRESCRIPTION
---------- ---------- ---------- --------------------
      8496       16025          1
      8945       15046          3
      8490       15033          2
      8929       16056          9
      8956       16044          8

SQL>
```

7.

```
SQL> insert into billing values(&bill_no,&sid);
Enter value for bill_no: 5456
Enter value for sid: 94
old   1: insert into billing values(&bill_no,&sid)
new   1: insert into billing values(5456,94)

1 row created.
```

```
1 row created.

SQL> insert into billing values(&bill_no,&sid);
Enter value for bill_no: 5456
Enter value for sid: 94
old   1: insert into billing values(&bill_no,&sid)
new   1: insert into billing values(5456,94)

1 row created.

SQL> /
Enter value for bill_no: 5455
Enter value for sid: 93
old   1: insert into billing values(&bill_no,&sid)
new   1: insert into billing values(5455,93)
insert into billing values(5455,93)
*
ERROR at line 1:
ORA-02291: integrity constraint (IT20737056.SYS_C0045132) violated - parent key
not found


SQL> /
Enter value for bill_no: 5455
Enter value for sid: 53
old   1: insert into billing values(&bill_no,&sid)
new   1: insert into billing values(5455,53)

1 row created.

SQL> /
Enter value for bill_no: 5454
Enter value for sid: 45
old   1: insert into billing values(&bill_no,&sid)
new   1: insert into billing values(5454,45)

1 row created.
```

```
SQL> select * from billing;

   BILL_NO        SID
---------- ----------
      5453         26
      5454         45
      5455         53
      5456         94
```

IMPLEMENTATION:

Program:

MainPage:

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

    /**
     * Creates new form mainpage
     */
    public mainpage() {
        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() {

        jMenuBar2 = new javax.swing.JMenuBar();
        jMenu3 = new javax.swing.JMenu();
        jMenu4 = new javax.swing.JMenu();
        jMenuBar3 = new javax.swing.JMenuBar();
        jMenu5 = new javax.swing.JMenu();
        jMenu6 = new javax.swing.JMenu();
        jMenu8 = new javax.swing.JMenu();
        jComboBox1 = new javax.swing.JComboBox<>();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jMenuBar1 = new javax.swing.JMenuBar();
        jMenu1 = new javax.swing.JMenu();
        jCheckBoxMenuItem1 = new javax.swing.JCheckBoxMenuItem();
        jMenuItem1 = new javax.swing.JMenuItem();
        jMenuItem2 = new javax.swing.JMenuItem();
```

```
jMenuItem3 = new javax.swing.JMenuItem();
jMenu2 = new javax.swing.JMenu();
jMenu13 = new javax.swing.JMenu();
jMenuItem4 = new javax.swing.JMenuItem();
jMenuItem5 = new javax.swing.JMenuItem();
jMenuItem6 = new javax.swing.JMenuItem();
jMenu7 = new javax.swing.JMenu();
jMenuItem7 = new javax.swing.JMenuItem();
jMenuItem8 = new javax.swing.JMenuItem();
jMenuItem9 = new javax.swing.JMenuItem();
jMenuItem10 = new javax.swing.JMenuItem();
jMenu9 = new javax.swing.JMenu();
jMenuItem12 = new javax.swing.JMenuItem();
jMenuItem11 = new javax.swing.JMenuItem();
jMenuItem13 = new javax.swing.JMenuItem();
jMenu10 = new javax.swing.JMenu();
jMenuItem14 = new javax.swing.JMenuItem();
jMenuItem15 = new javax.swing.JMenuItem();
jMenuItem16 = new javax.swing.JMenuItem();
jMenuItem17 = new javax.swing.JMenuItem();
jMenu11 = new javax.swing.JMenu();
jMenuItem18 = new javax.swing.JMenuItem();
jMenuItem19 = new javax.swing.JMenuItem();
jMenuItem20 = new javax.swing.JMenuItem();
jMenuItem24 = new javax.swing.JMenuItem();
jMenu12 = new javax.swing.JMenu();
jMenuItem21 = new javax.swing.JMenuItem();
jMenuItem22 = new javax.swing.JMenuItem();
jMenuItem23 = new javax.swing.JMenuItem();
jMenuItem25 = new javax.swing.JMenuItem();

jMenu3.setText("File");
jMenuBar2.add(jMenu3);

jMenu4.setText("Edit");
jMenuBar2.add(jMenu4);

jMenu5.setText("File");
```

```
        jMenuBar3.add(jMenu5);

        jMenu6.setText("Edit");
        jMenuBar3.add(jMenu6);

        jMenu8.setText("jMenu8");

        jComboBox1.setModel(new
javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2",
"Item 3", "Item 4" }));


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOS
E);

        jLabel2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/pic1.jpeg"))); // NOI18N

        jMenu1.setText("medicine");

        jCheckBoxMenuItem1.setSelected(true);
        jCheckBoxMenuItem1.setText("insert");
        jCheckBoxMenuItem1.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jCheckBoxMenuItem1ActionPerformed(evt);
            }
        });
        jMenu1.add(jCheckBoxMenuItem1);

        jMenuItem1.setText("delete");
        jMenuItem1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jMenuItem1ActionPerformed(evt);
            }
        });
        jMenu1.add(jMenuItem1);

        jMenuItem2.setText("update");
        jMenuItem2.addActionListener(new java.awt.event.ActionListener() {
```

```
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem2ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem2);

jMenuItem3.setText("view");
jMenuItem3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem3ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem3);

jMenuBar1.add(jMenu1);

jMenu2.setText("student");

jMenu13.setText("insert");
jMenu13.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenu13ActionPerformed(evt);
    }
});
jMenu2.add(jMenu13);

jMenuItem4.setText("delete");
jMenuItem4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem4ActionPerformed(evt);
    }
});
jMenu2.add(jMenuItem4);

jMenuItem5.setText("update");
jMenuItem5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem5ActionPerformed(evt);
```

```
    }
});
jMenu2.add(jMenuItem5);

jMenuItem6.setText("view");
jMenu2.add(jMenuItem6);

jMenuBar1.add(jMenu2);

jMenu7.setText("bill");

jMenuItem7.setText("insert");
jMenuItem7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem7ActionPerformed(evt);
    }
});
jMenu7.add(jMenuItem7);

jMenuItem8.setText("delete");
jMenuItem8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem8ActionPerformed(evt);
    }
});
jMenu7.add(jMenuItem8);

jMenuItem9.setText("update");
jMenuItem9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem9ActionPerformed(evt);
    }
});
jMenu7.add(jMenuItem9);

jMenuItem10.setText("view");
jMenu7.add(jMenuItem10);
```

```
jMenuBar1.add(jMenu7);

jMenu9.setText("consultation");

jMenuItem12.setText("insert");
jMenu9.add(jMenuItem12);

jMenuItem11.setText("delete");
jMenu9.add(jMenuItem11);

jMenuItem13.setText("view");
jMenu9.add(jMenuItem13);

jMenuBar1.add(jMenu9);

jMenu10.setText("illness");

jMenuItem14.setText("insert");
jMenuItem14.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jMenuItem14ActionPerformed(evt);
   }
});
jMenu10.add(jMenuItem14);

jMenuItem15.setText("delete");
jMenu10.add(jMenuItem15);

jMenuItem16.setText("update");
jMenu10.add(jMenuItem16);

jMenuItem17.setText("view");
jMenuItem17.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jMenuItem17ActionPerformed(evt);
   }
});
jMenu10.add(jMenuItem17);
```

```
jMenuBar1.add(jMenu10);

jMenu11.setText("sick");

jMenuItem18.setText("insert");
jMenu11.add(jMenuItem18);

jMenuItem19.setText("delete");
jMenuItem19.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
      jMenuItem19ActionPerformed(evt);
   }
});
jMenu11.add(jMenuItem19);

jMenuItem20.setText("update");
jMenu11.add(jMenuItem20);

jMenuItem24.setText("view");
jMenu11.add(jMenuItem24);

jMenuBar1.add(jMenu11);

jMenu12.setText("billing");

jMenuItem21.setText("insert");
jMenu12.add(jMenuItem21);

jMenuItem22.setText("update");
jMenu12.add(jMenuItem22);

jMenuItem23.setText("delete");
jMenu12.add(jMenuItem23);

jMenuItem25.setText("view");
jMenuItem25.addActionListener(new java.awt.event.ActionListener() {
   public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
            jMenuItem25ActionPerformed(evt);
        }
    });
    jMenu12.add(jMenuItem25);

    jMenuBar1.add(jMenu12);

    setJMenuBar(jMenuBar1);

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(layout.createSequentialGroup()
            .addGap(35, 35, 35)
            .addComponent(jLabel1)
            .addGap(18, 18, 18)
            .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 865,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(layout.createSequentialGroup()
            .addGap(29, 29, 29)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignmen
t.LEADING)
                .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 402,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel1))
            .addContainerGap(24, Short.MAX_VALUE))
    );
```

```
        pack();
    }// </editor-fold>

    private void
jCheckBoxMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {
new medicine_insert().setVisible(true);        // TODO add your handling code
here:
    }

    private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
    }

    private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
    }

    private void jMenuItem9ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
    }

    private void jMenuItem17ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
    }

    private void jMenuItem19ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
    }

    private void jMenuItem25ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
    }

    private void jMenuItem7ActionPerformed(java.awt.event.ActionEvent
```

```
evt) {
      new bill().setVisible(true) ;// TODO add your handling code here:
   }

   private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent
evt) {
      new medicine_delete().setVisible(true); // TODO add your handling code
here:
   }

   private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent
evt) {
       new medicine_update().setVisible(true); // TODO add your handling
code here:
   }

   private void jMenuItem8ActionPerformed(java.awt.event.ActionEvent
evt) {
      new bill_delete().setVisible(true); // TODO add your handling code here:
   }

   private void jMenu13ActionPerformed(java.awt.event.ActionEvent evt) {
    new Student_insert().setVisible(true);



// TODO add your handling code here:
   }

   private void jMenuItem14ActionPerformed(java.awt.event.ActionEvent
evt) {
           new illness_insert().setVisible(true);



// TODO add your handling code here:
   }

   private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent
```

```
evt) {
        view ob1= new view();
        ob1.show();
        dispose();
    }

    /**
     * @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(mainpage.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(mainpage.class.getName()).log(java.util.l
```

```
ogging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

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

    // Variables declaration - do not modify
    private javax.swing.JCheckBoxMenuItem jCheckBoxMenuItem1;
    private javax.swing.JComboBox<String> jComboBox1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JMenu jMenu1;
    private javax.swing.JMenu jMenu10;
    private javax.swing.JMenu jMenu11;
    private javax.swing.JMenu jMenu12;
    private javax.swing.JMenu jMenu13;
    private javax.swing.JMenu jMenu2;
    private javax.swing.JMenu jMenu3;
    private javax.swing.JMenu jMenu4;
    private javax.swing.JMenu jMenu5;
    private javax.swing.JMenu jMenu6;
    private javax.swing.JMenu jMenu7;
    private javax.swing.JMenu jMenu8;
    private javax.swing.JMenu jMenu9;
    private javax.swing.JMenuBar jMenuBar1;
    private javax.swing.JMenuBar jMenuBar2;
    private javax.swing.JMenuBar jMenuBar3;
    private javax.swing.JMenuItem jMenuItem1;
    private javax.swing.JMenuItem jMenuItem10;
    private javax.swing.JMenuItem jMenuItem11;
    private javax.swing.JMenuItem jMenuItem12;
    private javax.swing.JMenuItem jMenuItem13;
```

```
    private javax.swing.JMenuItem jMenuItem14;
    private javax.swing.JMenuItem jMenuItem15;
    private javax.swing.JMenuItem jMenuItem16;
    private javax.swing.JMenuItem jMenuItem17;
    private javax.swing.JMenuItem jMenuItem18;
    private javax.swing.JMenuItem jMenuItem19;
    private javax.swing.JMenuItem jMenuItem2;
    private javax.swing.JMenuItem jMenuItem20;
    private javax.swing.JMenuItem jMenuItem21;
    private javax.swing.JMenuItem jMenuItem22;
    private javax.swing.JMenuItem jMenuItem23;
    private javax.swing.JMenuItem jMenuItem24;
    private javax.swing.JMenuItem jMenuItem25;
    private javax.swing.JMenuItem jMenuItem3;
    private javax.swing.JMenuItem jMenuItem4;
    private javax.swing.JMenuItem jMenuItem5;
    private javax.swing.JMenuItem jMenuItem6;
    private javax.swing.JMenuItem jMenuItem7;
    private javax.swing.JMenuItem jMenuItem8;
    private javax.swing.JMenuItem jMenuItem9;
    // End of variables declaration
}
```

Medicine_insert:

```
import java.sql.*;
import javax.swing.*;
public class medicine_insert extends javax.swing.JFrame {

  /**
   * Creates new form medicine_insert
   */
  public medicine_insert() {
     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() {

        jLabel1 = new javax.swing.JLabel();
        LId = new javax.swing.JLabel();
        TId = new javax.swing.JTextField();
        LGName = new javax.swing.JLabel();
        Lp = new javax.swing.JLabel();
        TGName = new javax.swing.JTextField();
        TPurpose = new javax.swing.JTextField();
        BInsert = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();
        Tprecautions = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLO
SE);

        jLabel1.setText("MEDICINE INSERT");

        LId.setText("MEDICINE ID");

        LGName.setText("GENERIC NAME");

        Lp.setText("PURPOSE");
```

```
        BInsert.setText("INSERT");
        BInsert.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BInsertActionPerformed(evt);
            }
        });

        jLabel2.setText("PRECAUTIONS");

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

        jButton1.setText("BACK");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                    .addGroup(layout.createSequentialGroup()
```

```
                .addGap(52, 52, 52)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.TRAILING)
                    .addComponent(Lp)
                    .addComponent(LGName)
                    .addComponent(LId)
                    .addComponent(jLabel2))
                .addGap(154, 154, 154)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                    .addComponent(TGName,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, 246, Short.MAX_VALUE)
                    .addComponent(TPurpose)
                    .addComponent(Tprecautions)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(TId,
javax.swing.GroupLayout.PREFERRED_SIZE, 236,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(0, 0, Short.MAX_VALUE))))
            .addGroup(layout.createSequentialGroup()
                .addGap(189, 189, 189)
                .addComponent(jLabel1)))
            .addGap(61, 61, 61))
        .addGroup(layout.createSequentialGroup()
            .addGap(152, 152, 152)
            .addComponent(BInsert)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jButton1)
            .addGap(130, 130, 130))
    );
    layout.setVerticalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(layout.createSequentialGroup()
            .addGap(31, 31, 31)
            .addComponent(jLabel1)
            .addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.TRAILING)
                .addComponent(LId)
                .addComponent(TId,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                .addComponent(LGName)
                .addComponent(TGName,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                .addComponent(Lp)
                .addComponent(TPurpose,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                .addComponent(jLabel2)
```

```
                .addComponent(Tprecautions,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, 30, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                .addComponent(BInsert)
                .addComponent(jButton1))
            .addGap(27, 27, 27))
      );

      pack();
   }// </editor-fold>

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

     /*  try
          {
          // Load Oracle JDBC Driver
            //DriverManager.registerDriver(new
oracle.jdbc.driver.OracleDriver());
             Class.forName("oracle.jdbc.OracleDriver");
          // Connect to Oracle Database
             Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:rdbm
s","it20737056","vasavi");
             Statement statement = con.createStatement());
            // Execute a SELECT query on Oracle Dummy DUAL Table.
Useful for retrieving system values
            // Enables us to retrieve values as if querying from a table
            String query= "INSERT INTo medicine VALUES(" +
Integer.parseInt(TId.getText()) + ","+ "'" +TGName.getText() +"',"+ "'"
+TPurpose.getText() +"',+"+"'"+ Tprecautions.getText()+"'" +")";
```

```
            //String sqlqry="insert into customers values()"
            ResultSet rs = statement.executeQuery(query);

            System .out.println("Inserted ....");
            rs.close();




    }

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

     try
    {
      Class.forName("oracle.jdbc.OracleDriver");
   Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:r
dbms","it20737056","vasavi");
                        String GName = TGName.getText();
                        String Id = TId.getText();
                  String Pur = TPurpose.getText();
                  String pre = Tprecautions.getText();

                        String query="Insert into
medicine(medicine_id,generic_name,purpose,precautions) values(?,?,?,?)";
                        PreparedStatement stp1 = con.prepareStatement(query);
                        stp1.setInt(1,Integer.parseInt(Id));
                  stp1.setString(2,GName);
                  stp1.setString(3,Pur);
                  stp1.setString(4,pre);
```

```
                stp1.executeUpdate();
               Statement st = con.createStatement();
                st.executeQuery(query);
                //JOptionPane.showMessageDialog(new
JFrame(),"Successfully
Inserted!","NOTICE",JOptionPane.INFORMATION_MESSAGE);
                JOptionPane.showMessageDialog(this,"Successfully
deleted.","Notice",JOptionPane.INFORMATION_MESSAGE);




                    //stp1.setInt(3,10);
                    //stp1.executeUpdate();
                    System.out.println("inserted.....");
                    con.close();

    }
    catch(Exception ev)
    {

    }

// TODO add your handling code here:
   }

   private void TprecautionsActionPerformed(java.awt.event.ActionEvent
evt) {
      // TODO add your handling code here:
   }

   private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
      mainpage ob2=new mainpage();
ob2.show();
dispose();
```

```
// 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(medicine_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(medicine_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(medicine_insert.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(medicine_insert.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

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

    // Variables declaration - do not modify
    private javax.swing.JButton BInsert;
    private javax.swing.JLabel LGName;
    private javax.swing.JLabel LId;
    private javax.swing.JLabel Lp;
    private javax.swing.JTextField TGName;
    private javax.swing.JTextField TId;
    private javax.swing.JTextField TPurpose;
    private javax.swing.JTextField Tprecautions;
    private javax.swing.JButton jButton1;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    // End of variables declaration
}
```

MEDICNE_DELETE:

```
import java.sql.*;
import javax.swing.JOptionPane;
public class medicine_delete extends javax.swing.JFrame {
```

```
    /**
     * Creates new form medicine_delete
     */
    public medicine_delete() {
        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() {

        jButton2 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        Bdetails = new javax.swing.JButton();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        LGname = new javax.swing.JLabel();
        Lpur = new javax.swing.JLabel();
        Bdelete = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jScrollPane1 = new javax.swing.JScrollPane();
        jTable1 = new javax.swing.JTable();
        Tmid = new javax.swing.JTextField();
```

```
        jButton2.setText("jButton2");


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLO
SE);

        jLabel1.setText("MEDICINE DELETE");

        jLabel2.setText("MEDICINE ID");

        Bdetails.setText("DETAILS");
        Bdetails.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BdetailsActionPerformed(evt);
            }
        });

        jLabel3.setText("GENERIC NAME");

        jLabel4.setText("PURPOSE");

        LGname.setText(":");

        Lpur.setText(":");

        Bdelete.setText("DELETE");
        Bdelete.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                BdeleteActionPerformed(evt);
            }
        });

        jButton1.setText("BACK");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
```

```
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton3.setText("view_ids");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {

    },
    new String [] {
        "Medicine_ids"
    }
) {
    Class[] types = new Class [] {
        java.lang.Integer.class
    };

    public Class getColumnClass(int columnIndex) {
        return types [columnIndex];
    }
});
jScrollPane1.setViewportView(jTable1);

Tmid.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        TmidActionPerformed(evt);
    }
```

```
        });

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addGap(163, 163, 163)
                .addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jButton3)
                .addGap(143, 143, 143))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(47, 47, 47)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.TRAILING)
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(jLabel3)
                                .addGap(96, 96, 96)
                                .addComponent(LGname,
javax.swing.GroupLayout.PREFERRED_SIZE, 225,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addGap(10, 10, 10))
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(jLabel2)
```

```
                    .addGap(196, 196, 196)
                    .addComponent(Tmid,
javax.swing.GroupLayout.PREFERRED_SIZE, 168,
javax.swing.GroupLayout.PREFERRED_SIZE))))
            .addGroup(layout.createSequentialGroup()
               .addGap(173, 173, 173)
               .addComponent(Bdetails))
            .addGroup(layout.createSequentialGroup()
               .addGap(88, 88, 88)
               .addComponent(jLabel4)
               .addGap(90, 90, 90)
               .addComponent(Lpur,
javax.swing.GroupLayout.PREFERRED_SIZE, 235,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(layout.createSequentialGroup()
               .addGap(99, 99, 99)
               .addComponent(Bdelete)
               .addGap(117, 117, 117)
               .addComponent(jButton1)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, 178, Short.MAX_VALUE)
            .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(97, 97, 97))
      );
      layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
         .addGroup(layout.createSequentialGroup()
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.TRAILING)
```

```
                .addComponent(jLabel1)
                .addComponent(jButton3))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                .addGroup(layout.createSequentialGroup()
                   .addGap(34, 34, 34)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                      .addComponent(jLabel2)
                      .addComponent(Tmid,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                   .addGap(18, 18, 18)
                   .addComponent(Bdetails)
                   .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                      .addComponent(jLabel3)
                      .addComponent(LGname))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                      .addGroup(layout.createSequentialGroup()
                         .addGap(71, 71, 71)
                         .addComponent(jLabel4))
                      .addGroup(layout.createSequentialGroup()
                         .addGap(63, 63, 63)
                         .addComponent(Lpur)))
                   .addGap(50, 50, 50)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                      .addComponent(Bdelete)
```

```
                    .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
                .addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNREL
ATED)
                    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 426,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addContainerGap(16, Short.MAX_VALUE))))
        );

        pack();
    }// </editor-fold>

    private void BdeleteActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int mid=Integer.parseInt(Tmid.getText());
        String q = "delete medicine where medicine_id="+mid+"";
        try
        {
            Class.forName("oracle.jdbc.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:r
dbms","it20737056","vasavi");
            //String query="Insert into illness(illness_id,symptoms)
values(?,?)";
                        PreparedStatement pmt= con.prepareStatement(q);
            //pmt=con.prepareStatement();

             pmt.executeQuery();
             JOptionPane.showMessageDialog(this,"Successfully
```

```
deleted.","Notice",JOptionPane.INFORMATION_MESSAGE);
            Tmid.setText("");
        }

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

    }

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

      // String selected=Tmid.getText();
     //  System.out.println(selected);
        int mid=Integer.parseInt(Tmid.getText());
        String ps="select * from medicine where medicine_id='"+mid+"'";
        try
        {
           Class.forName("oracle.jdbc.OracleDriver");
           Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:r
dbms","it20737056","vasavi");
           //String query="Insert into illness(illness_id,symptoms)
values(?,?)";
                       PreparedStatement pmt= con.prepareStatement(ps);
           //pmt=con.prepareStatement();
           ResultSet rs1;
           rs1 = pmt.executeQuery();
           rs1.next();
           LGname.setText(rs1.getString(2));
           Lpur.setText(rs1.getString(3));


        }
```

```
      catch(Exception ev)

            {
               System.out.println(ev);
            }

// TODO add your handling code here:
   }

   private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
mainpage ob2=new mainpage();
ob2.show();
dispose();

// TODO add your handling code here:
   }

   private void TmidActionPerformed(java.awt.event.ActionEvent evt) {
      // TODO add your handling code here:
   }

   private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
     try
          {
          // Load Oracle JDBC Driver
            Class.forName("oracle.jdbc.OracleDriver");
   Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:r
dbms","it20737056","vasavi");

            Statement statement = (Statement) con.createStatement();
            // Execute a SELECT query on Oracle Dummy DUAL Table.
Useful for retrieving system values
            // Enables us to retrieve values as if querying from a table
            String query= "select * from medicine";
```

```
            //String sqlqry="insert into customers values()"
            java.sql.ResultSet rs = statement.executeQuery(query);
            javax.swing.table.DefaultTableModel model =
(javax.swing.table.DefaultTableModel)jTable1.getModel();

          while(rs.next()){
            model.addRow(new Object[]{rs.getString("medicine_id")});
          }

             System .out.println("Retrived ....");
            rs.close();
            statement.close();
            con.close();




     }

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


// 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(medicine_delete.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(medicine_delete.class.getName()).log(ja
va.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>

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

```
        }
    });
  }

  // Variables declaration - do not modify
  private javax.swing.JButton Bdelete;
  private javax.swing.JButton Bdetails;
  private javax.swing.JLabel LGname;
  private javax.swing.JLabel Lpur;
  private javax.swing.JTextField Tmid;
  private javax.swing.JButton jButton1;
  private javax.swing.JButton jButton2;
  private javax.swing.JButton jButton3;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel3;
  private javax.swing.JLabel jLabel4;
  private javax.swing.JScrollPane jScrollPane1;
  private javax.swing.JTable jTable1;
  // End of variables declaration
}
```

MEDICNE_UPDATE:

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;


/**
 *
 * @author uma36
```

```
 */
public class medicine_update extends javax.swing.JFrame {

    /**
     * Creates new form medicine_update
     */
    /*public medicine_update() {
        initComponents();
    }*/

    Connection con;
    PreparedStatement pmt;
          ResultSet rs;
    public medicine_update() {
        connect();
        initComponents();

        fetchData();
    }

    /**
     * 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() {

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
```

```
        jLabel5 = new javax.swing.JLabel();
        jButton2 = new javax.swing.JButton();
        jLabel7 = new javax.swing.JLabel();
        comboBox = new javax.swing.JComboBox<>();
        t1 = new javax.swing.JTextField();
        t2 = new javax.swing.JTextField();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLO
SE);

        jLabel1.setText("MEDICIEN UPDATE");

        jLabel2.setText("MEDICINE ID");

        jLabel5.setText("PURPOSE");

        jButton2.setText("UPDATE");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        jLabel7.setText("GENERIC NAME");

        comboBox.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                comboBoxActionPerformed(evt);
            }
        });
```

```
        t1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                t1ActionPerformed(evt);
            }
        });

        jButton3.setText("VIEW");

        jButton4.setText("BACK");
        jButton4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton4ActionPerformed(evt);
            }
        });

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
            .addGroup(layout.createSequentialGroup()
                .addGap(57, 57, 57)
                .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(comboBox,
javax.swing.GroupLayout.PREFERRED_SIZE, 172,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(210, 210, 210))
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
```

```
                .addGroup(layout.createSequentialGroup()
                    .addGap(248, 248, 248)
                    .addComponent(jLabel1))
                .addGroup(layout.createSequentialGroup()
                    .addGap(66, 66, 66)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED)
                            .addComponent(jLabel7))
                        .addComponent(jLabel5))
                    .addGap(164, 164, 164)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING, false)
                        .addComponent(t2,
javax.swing.GroupLayout.DEFAULT_SIZE, 201, Short.MAX_VALUE)
                        .addComponent(t1)))
                .addGroup(layout.createSequentialGroup()
                    .addGap(122, 122, 122)
                    .addComponent(jButton2)
                    .addGap(103, 103, 103)
                    .addComponent(jButton3)
                    .addGap(81, 81, 81)
                    .addComponent(jButton4)))
            .addContainerGap(162, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
            .addGroup(layout.createSequentialGroup()
```

```
            .addGap(41, 41, 41)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.TRAILING)
                .addGroup(layout.createSequentialGroup()
                   .addComponent(jLabel1)
                   .addGap(48, 48, 48)
                   .addComponent(jLabel2))
                .addComponent(comboBox,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)
                .addGroup(layout.createSequentialGroup()
                   .addGap(75, 75, 75)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                        .addComponent(jLabel7)
                        .addComponent(t1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addComponent(jLabel3))
                .addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                    .addComponent(jLabel5)
                    .addComponent(t2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, 92, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                    .addComponent(jButton2)
                    .addComponent(jButton3))
                .addGap(20, 20, 20))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jButton4)
                .addGap(29, 29, 29))))
        );

        pack();
    }// </editor-fold>

    private void comboBoxActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
        if(comboBox.getSelectedIndex()==0);

        else
        {



        String id = comboBox.getSelectedItem().toString();

        String q1 = "select generic_name,purpose from medicine where
medicine_id="+id;
        try
        {
```

```
        pmt= con.prepareStatement(q1);
         rs = pmt.executeQuery();
         rs.next();
         t1.setText(rs.getString(1));
         t2.setText(rs.getString(2));
      }

      catch(Exception e)
      {
         System.out.println("exception "+e);
      }
            }
   }

   private void t1ActionPerformed(java.awt.event.ActionEvent evt) {
      // TODO add your handling code here:
   }

   private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
      // TODO add your handling code here:
   }

   private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
      // TODO add your handling code here:
   }


   void connect()
   {
       try
      {
         Class.forName("oracle.jdbc.OracleDriver");

con=DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:r
```

```
dbms","it20737056","vasavi");

      }

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

    void fetchData()
    {
       String q = "select medicine_id from medicine";
       try
      {

          pmt= con.prepareStatement(q);

          rs = pmt.executeQuery();

         comboBox.addItem("Select ID");

          while(rs.next())
          {
             comboBox.addItem(rs.getString(1));
          }

      }

      catch(Exception e)
      {
         System.out.println("fetch:  "+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(medicine_update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(medicine_update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(medicine_update.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(medicine_update.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 medicine_update().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JComboBox<String> comboBox;
    private javax.swing.JButton jButton2;
    private javax.swing.JButton jButton3;
    private javax.swing.JButton jButton4;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel3;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel7;
    private javax.swing.JTextField t1;
    private javax.swing.JTextField t2;
    // End of variables declaration
}
```

VIEW:

```
import java.sql.*;
import javax.swing.table.DefaultTableModel;
public class view extends javax.swing.JFrame {

    /**
     * Creates new form view
```

```
     */
    public view() {
        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() {

        jScrollPane1 = new javax.swing.JScrollPane();
        jTable1 = new javax.swing.JTable();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLO
SE);

        jTable1.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {

            },
            new String [] {
                "Medicine_Id", "Generic_Name", "purpose", "precautions"
            }
        ) {
            Class[] types = new Class [] {
                java.lang.Integer.class, java.lang.String.class,
```

```
java.lang.String.class, java.lang.String.class
        };

        public Class getColumnClass(int columnIndex) {
            return types [columnIndex];
        }
    });
    jScrollPane1.setViewportView(jTable1);

    jButton1.setText("View");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jButton2.setText("Back");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addContainerGap(15, Short.MAX_VALUE)
            .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 587,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
        .addGroup(layout.createSequentialGroup()
            .addGap(123, 123, 123)
            .addComponent(jButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jButton2)
            .addGap(109, 109, 109))
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 294,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELAT
ED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignme
nt.BASELINE)
                .addComponent(jButton1)
                .addComponent(jButton2))
            .addContainerGap(15, Short.MAX_VALUE))
    );

    pack();
  }// </editor-fold>

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

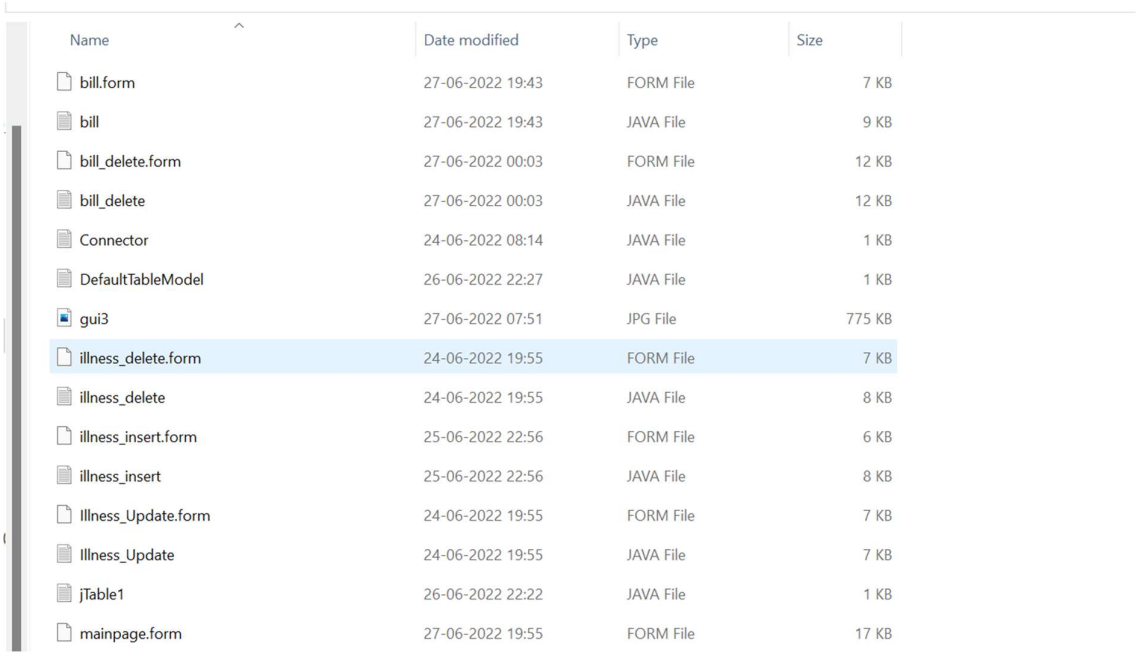
```
        {
        // Load Oracle JDBC Driver
          Class.forName("oracle.jdbc.OracleDriver");
   Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@218.248.0.7:1521:r
dbms","it20737056","vasavi");

            Statement statement = (Statement) con.createStatement();
            // Execute a SELECT query on Oracle Dummy DUAL Table.
Useful for retrieving system values
            // Enables us to retrieve values as if querying from a table
            String query= "select * from medicine";
            //String sqlqry="insert into customers values()"
            java.sql.ResultSet rs = statement.executeQuery(query);
            DefaultTableModel model =
(DefaultTableModel)jTable1.getModel();

        while(rs.next()){
            model.addRow(new Object[]{rs.getString("medicine_id"),
rs.getString("generic_name"),rs.getString("purpose"),rs.getString("preca
utions")});
        }

             System .out.println("Retrived ....");
            rs.close();
            statement.close();
            con.close();



    }

        catch(Exception e)
        {
              System.out.println(e);
```

```
        }



// TODO add your handling code here:
    }

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

mainpage ob2=new mainpage();
ob2.show();
dispose();
// 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;
```

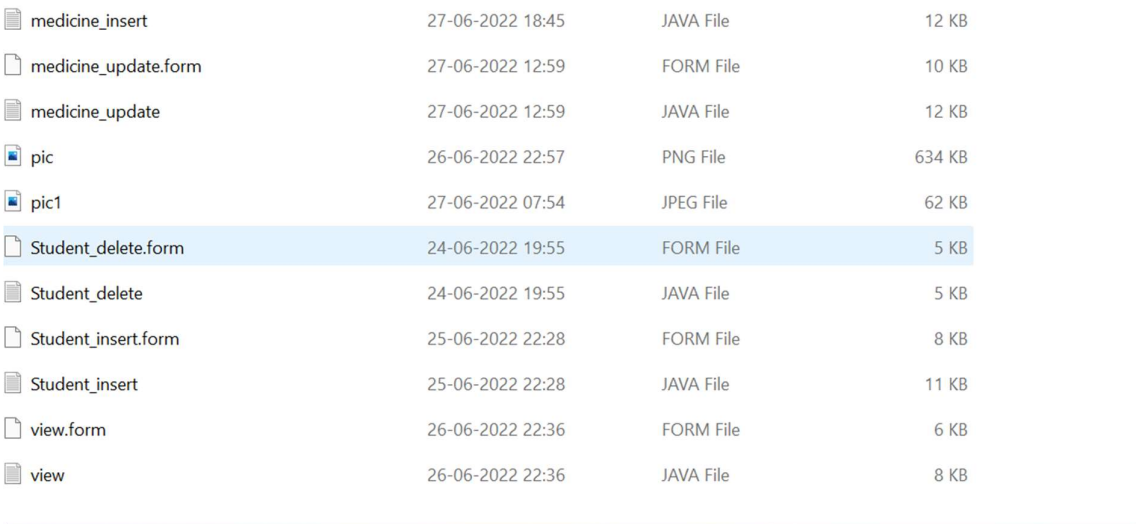
```
            }
        }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(view.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(view.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(view.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(view.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
    }
    //</editor-fold>

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

  // Variables declaration - do not modify
  private javax.swing.JButton jButton1;
  private javax.swing.JButton jButton2;
  private javax.swing.JScrollPane jScrollPane1;
  private javax.swing.JTable jTable1;
  // End of variables declaration
}
```

GitHub links and folder structure:

https://github.com/pellivila-umadevi/mental_health

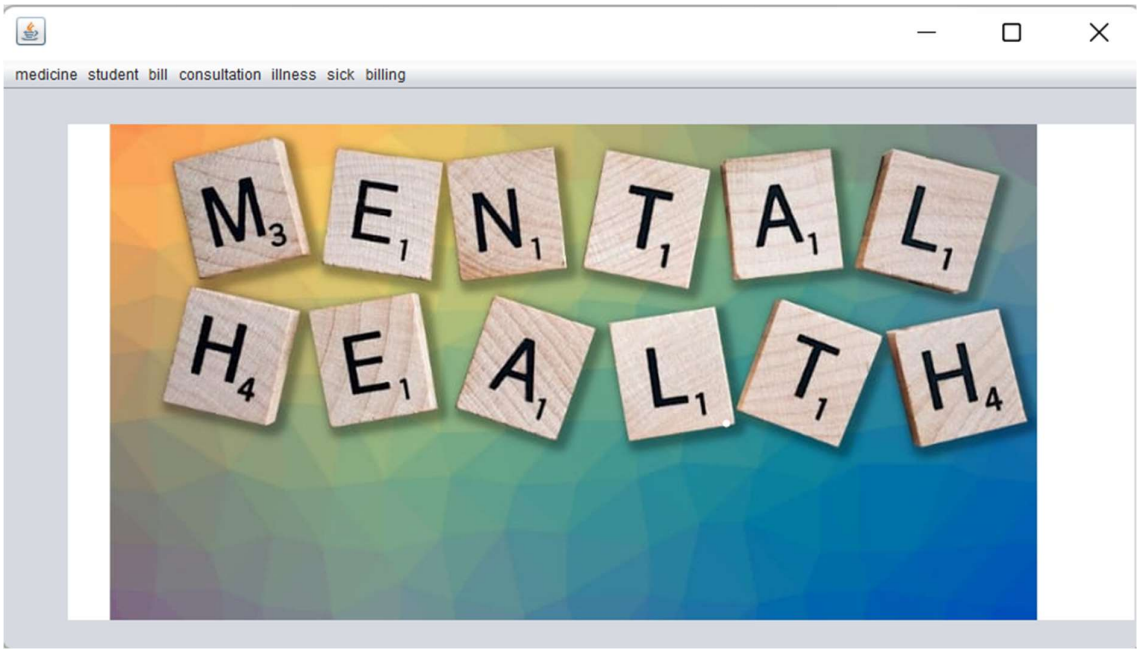


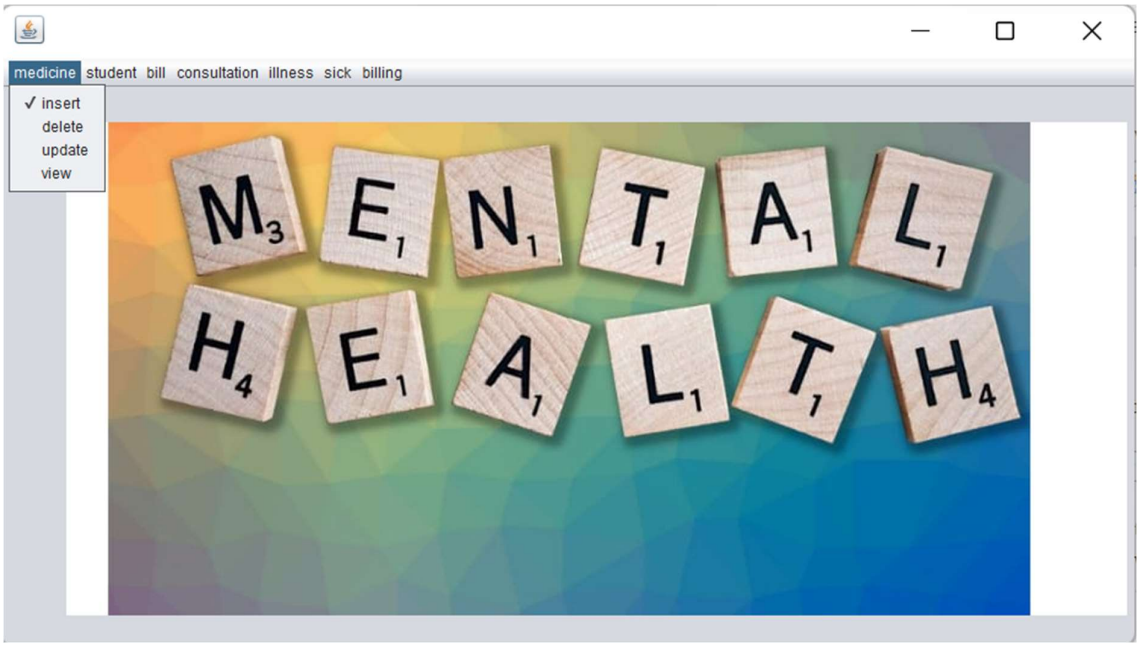
Name	Date modified	Type	Size
bill.form	27-06-2022 19:43	FORM File	7 KB
bill	27-06-2022 19:43	JAVA File	9 KB
bill_delete.form	27-06-2022 00:03	FORM File	12 KB
bill_delete	27-06-2022 00:03	JAVA File	12 KB
Connector	24-06-2022 08:14	JAVA File	1 KB
DefaultTableModel	26-06-2022 22:27	JAVA File	1 KB
gui3	27-06-2022 07:51	JPG File	775 KB
illness_delete.form	24-06-2022 19:55	FORM File	7 KB
illness_delete	24-06-2022 19:55	JAVA File	8 KB
illness_insert.form	25-06-2022 22:56	FORM File	6 KB
illness_insert	25-06-2022 22:56	JAVA File	8 KB
Illness_Update.form	24-06-2022 19:55	FORM File	7 KB
Illness_Update	24-06-2022 19:55	JAVA File	7 KB
jTable1	26-06-2022 22:22	JAVA File	1 KB
mainpage.form	27-06-2022 19:55	FORM File	17 KB



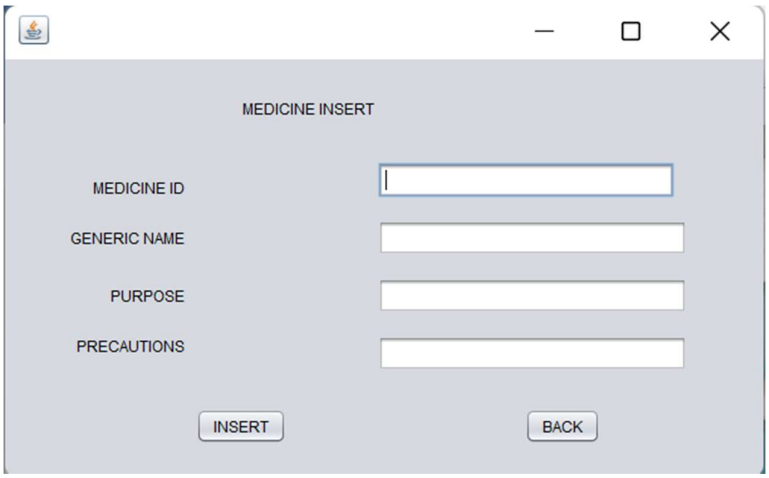
medicine_insert	27-06-2022 18:45	JAVA File	12 KB
medicine_update.form	27-06-2022 12:59	FORM File	10 KB
medicine_update	27-06-2022 12:59	JAVA File	12 KB
pic	26-06-2022 22:57	PNG File	634 KB
pic1	27-06-2022 07:54	JPEG File	62 KB
Student_delete.form	24-06-2022 19:55	FORM File	5 KB
Student_delete	24-06-2022 19:55	JAVA File	5 KB
Student_insert.form	25-06-2022 22:28	FORM File	8 KB
Student_insert	25-06-2022 22:28	JAVA File	11 KB
view.form	26-06-2022 22:36	FORM File	6 KB
view	26-06-2022 22:36	JAVA File	8 KB

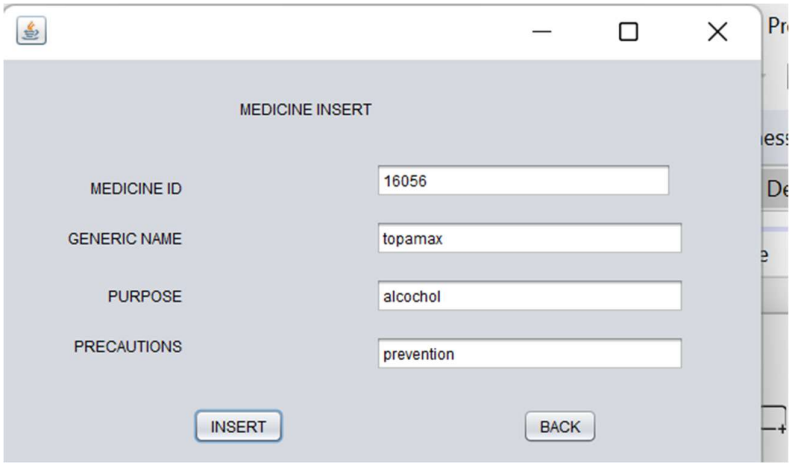
TESTING:

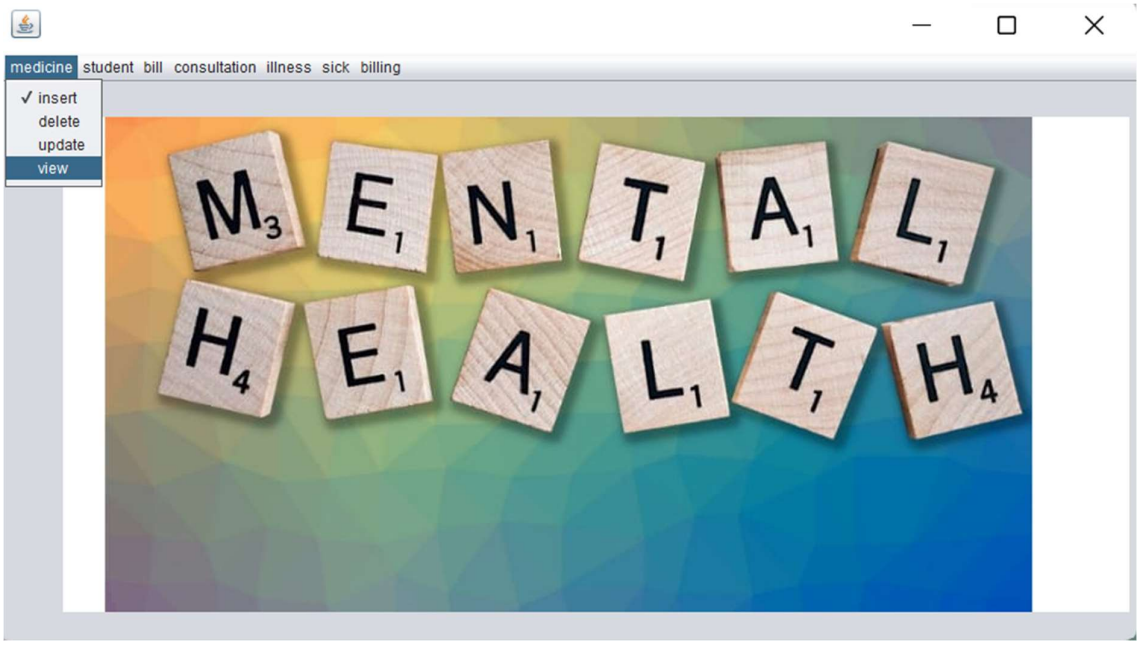

medicine student bill consultation illness sick billing
MENTAL
HEALTH

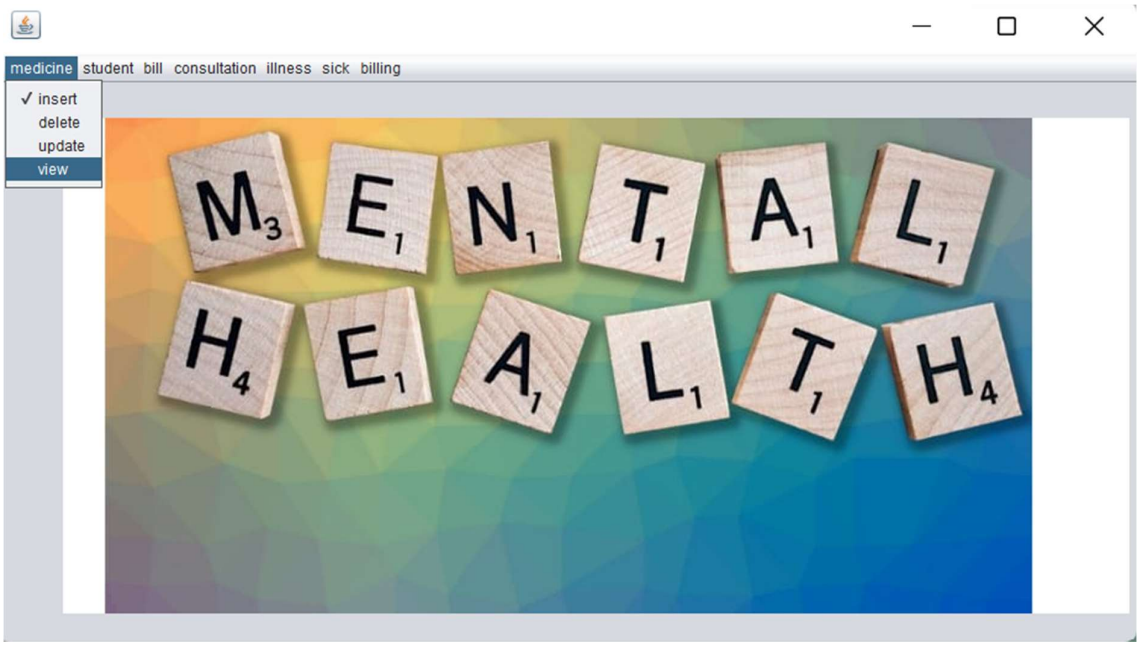

medicine student bill consultation illness sick billing
insert
delete
update
view
MENTAL
HEALTH

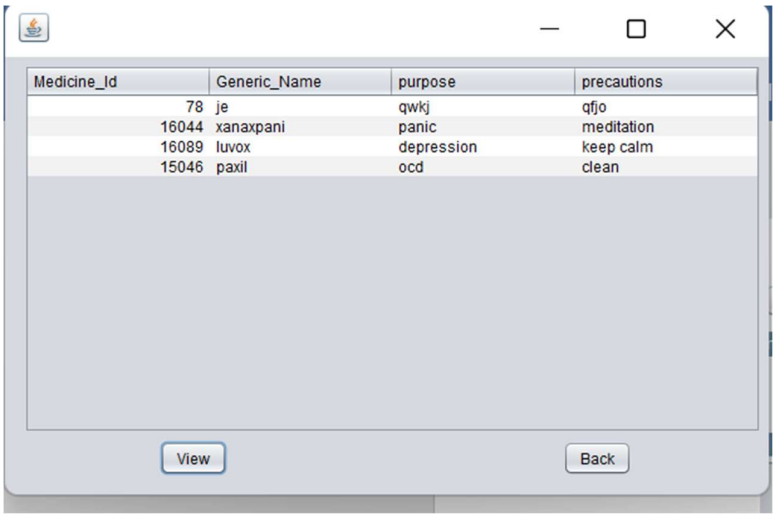
MEDICINE_ID	GENERIC_NAME	PURPOSE	PRECAUTIONS
16025	ativan	schizophrenia	depression
78	je	qwkj	qfjo
16044	xanaxpani	panic	meditation
16089	luvox	depression	keep calm
15046	paxil	ocd	clean



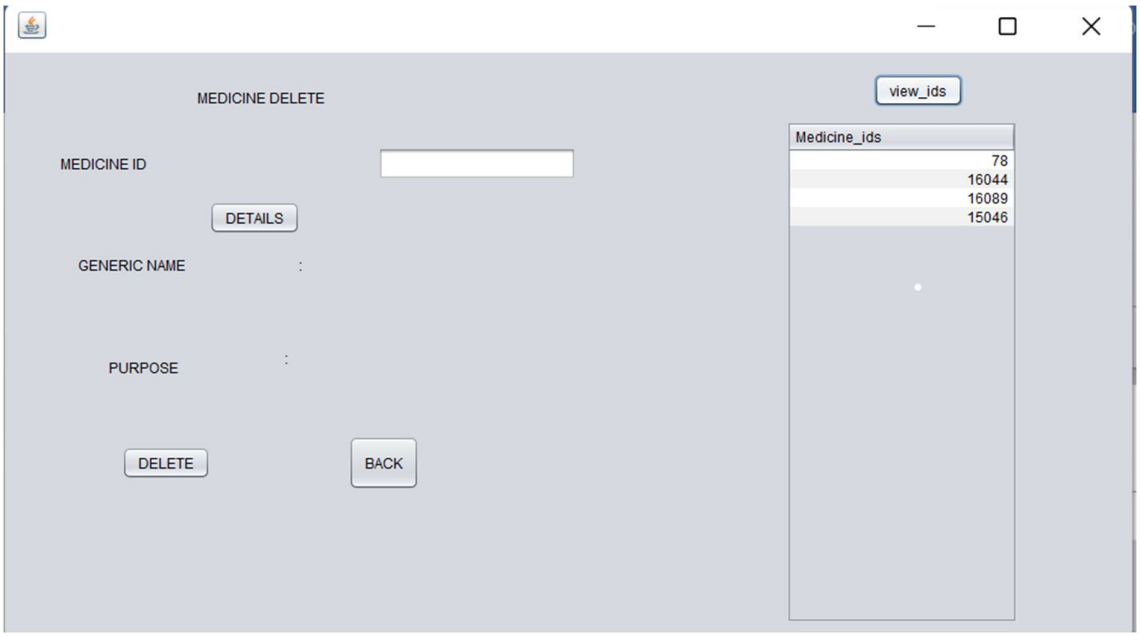


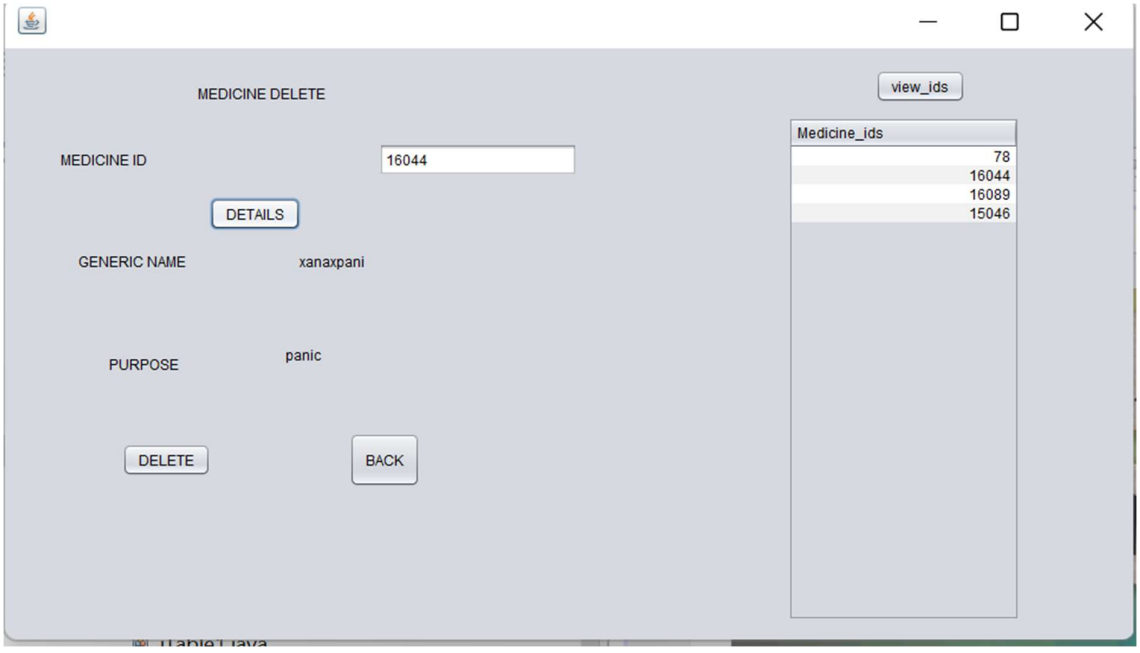

medicine
student
bill
consultation
illness
sick
billing
✓ insert
delete
update
view
MENTAL
HEALTH

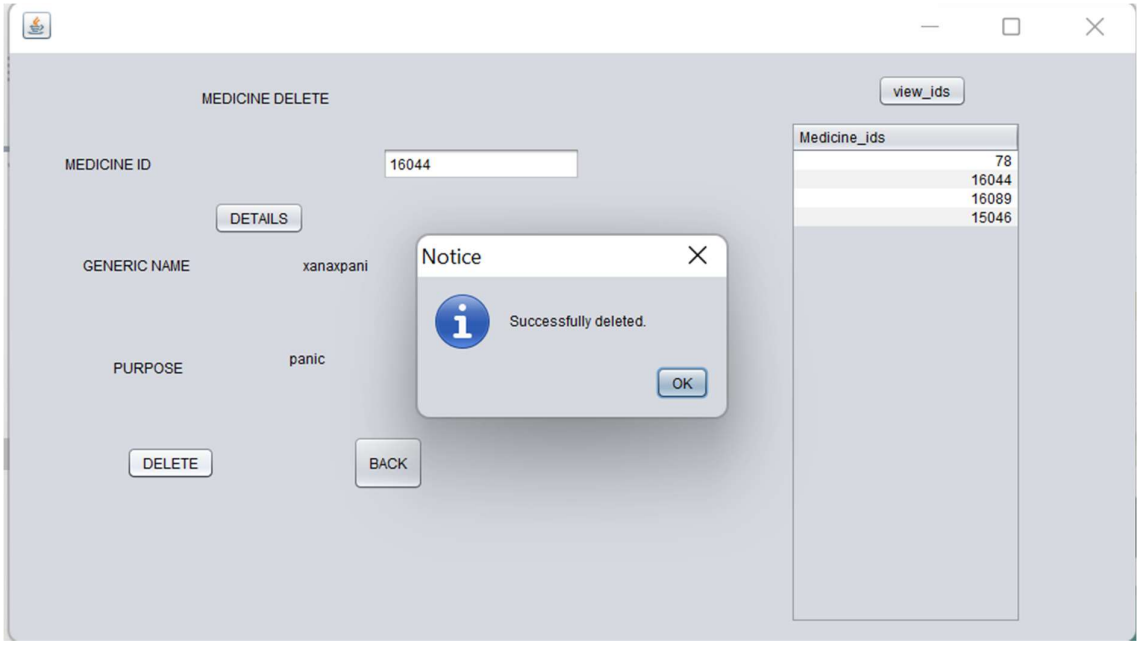

medicine
student
bill
consultation
illness
sick
billing
✓ insert
delete
update
view
MENTAL
HEALTH

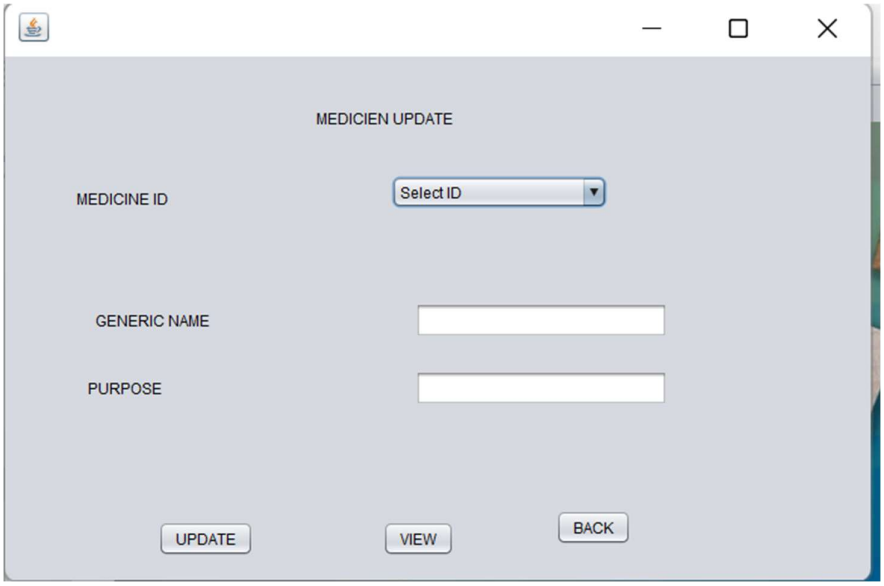

Medicine_Id
Generic_Name
purpose
precautions
78 je qwkj qfjo
16044 xanaxpani panic meditation
16089 luvox depression keep calm
15046 paxil ocd clean
View
Back

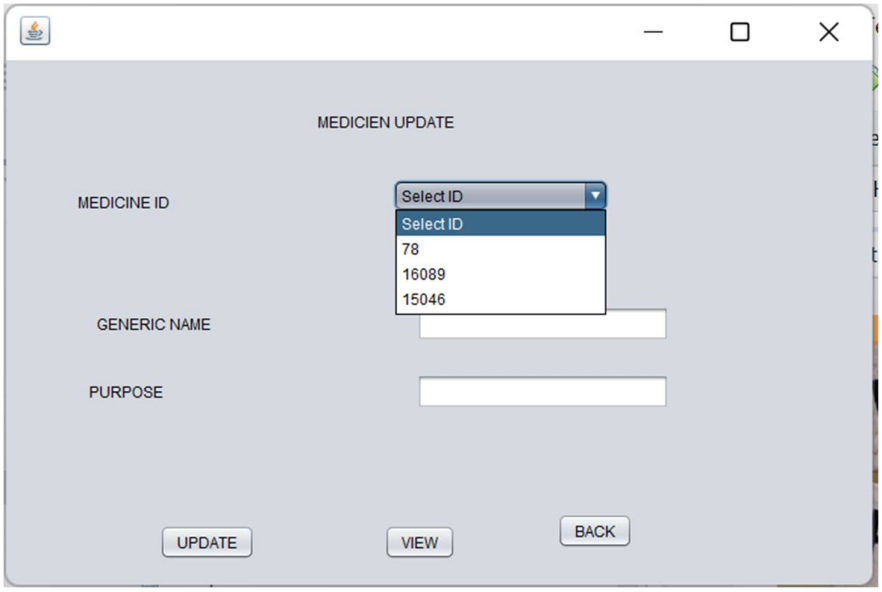

MEDICINE DELETE
view_ids
Medicine_ids
MEDICINE ID
DETAILS
GENERIC NAME :
PURPOSE :
DELETE
BACK

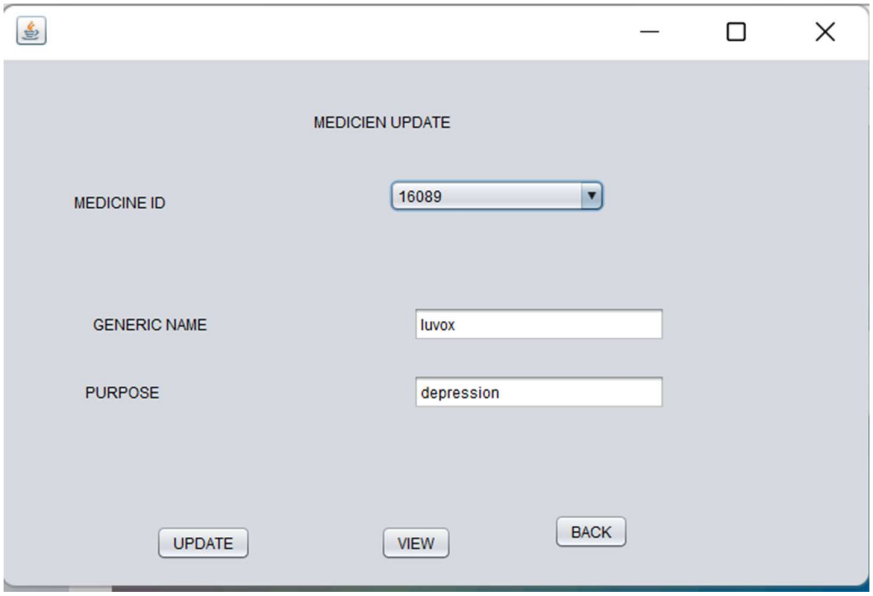

MEDICINE DELETE
view_ids
Medicine_ids
78
16044
16089
15046
MEDICINE ID
DETAILS
GENERIC NAME :
PURPOSE :
DELETE
BACK


MEDICINE DELETE
view_ids
Medicine_ids
78
16044
16089
15046
MEDICINE ID
16044
DETAILS
GENERIC NAME xanaxpani
PURPOSE panic
DELETE
BACK


MEDICINE DELETE
view_ids
MEDICINE ID
16044
Medicine_ids
78
16044
16089
15046
DETAILS
GENERIC NAME
xanaxpani
Notice
Successfully deleted.
OK
PURPOSE
panic
DELETE
BACK


MEDICIEN UPDATE
MEDICINE ID
Select ID
GENERIC NAME
PURPOSE
UPDATE
VIEW
BACK





RESULT:

I successfully completed this MINI PROJECT "MENTAL HEALTH ".

Discussion and Future work

While doing this project I got new ideas I understood how to work on projects. Now to further extend this project I want to create a android app by which I can control my project on my hand and connect to it.

REFERENCES:

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- https://docs.oracle.com/javase/7/docs/index.html
- https://www.javatpoint.com/dbms-tutorial
- http://www.sqlines.com/articles/java/sql_server_jdbc_connection