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Course: Java Programming

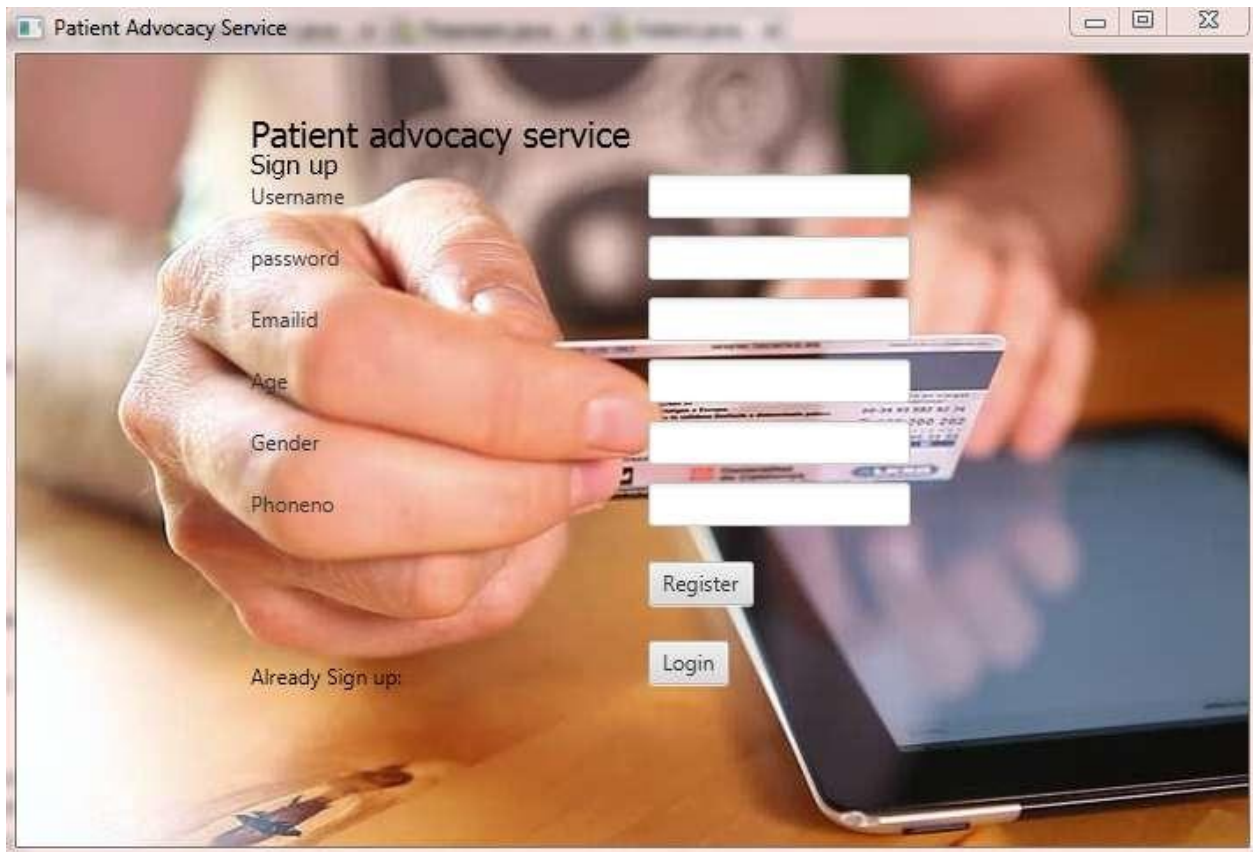
Digital Assignment : 1

JavaFx Application :

Title: **Patient Advocacy Service**

Code for signup page:

```
b1.setOnAction(new EventHandler<ActionEvent>() {  
    private String probelm;  
    @Override  
    public void handle(ActionEvent e) {  
        String username=t1.getText();  
        String pass=t2.getText();  
        String email=t3.getText();  
        int age=Integer.parseInt(t4.getText());  
        String gender=t5.getText();  
        int phone=Integer.parseInt(t6.getText());  
        //String problem=t7.getText();  
        String url="jdbc:derby://localhost:1527/patei";  
        String name="priyadharshinii";  
        String password="1234";  
        Connection con = null;  
        try {  
            con = DriverManager.getConnection(url,name,password);  
        } catch (SQLException ex) {
```

Code for login page:

```
b2.setOnAction(e->{  
    String name1=t9.getText();  
    String pass1=t10.getText();  
    String url1="jdbc:derby://localhost:1527/patei";  
    String user1="priyadharshinii";  
    String pw="1234";  
    Connection con1 = null;  
    try {  
        con1 = DriverManager.getConnection(url1,user1,pw);  
    } catch (SQLException ex) {  
        Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}
```

```

    }

    Statement st1 = null;

    try {

        st1 = con1.createStatement();

    } catch (SQLException ex) {

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

    }

    String query1="select username,password from service where username='"+name1+"'
and password='"+pass1+"' ";

    ResultSet h=null;

    try {

        h=st1.executeQuery(query1);

    } catch (SQLException ex) {

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

    }

    int f=0;

    try {

        while(h.next()){

            primaryStage.setScene(s3);

            primaryStage.show();

            f=1;

        }

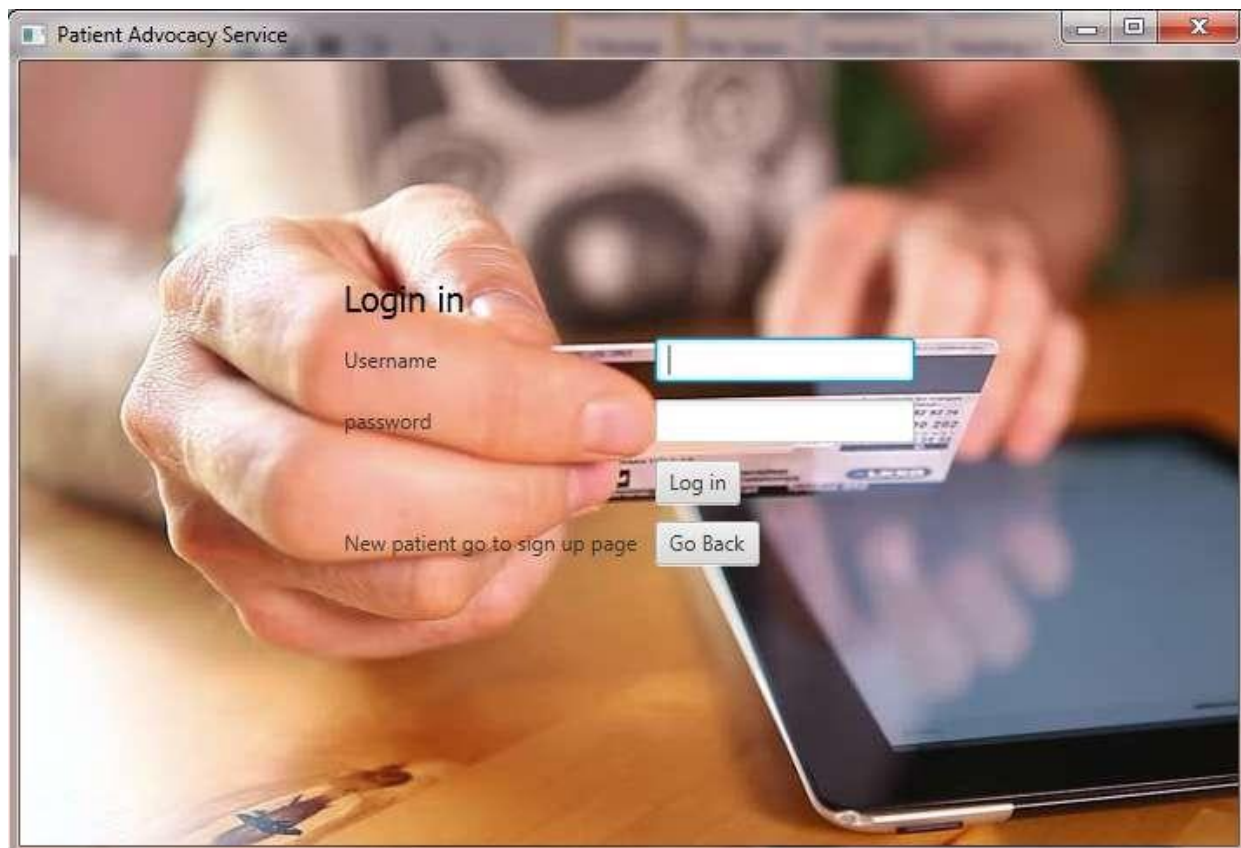
        if(f==0){

            l12.setText("Username or Password are Invalid");

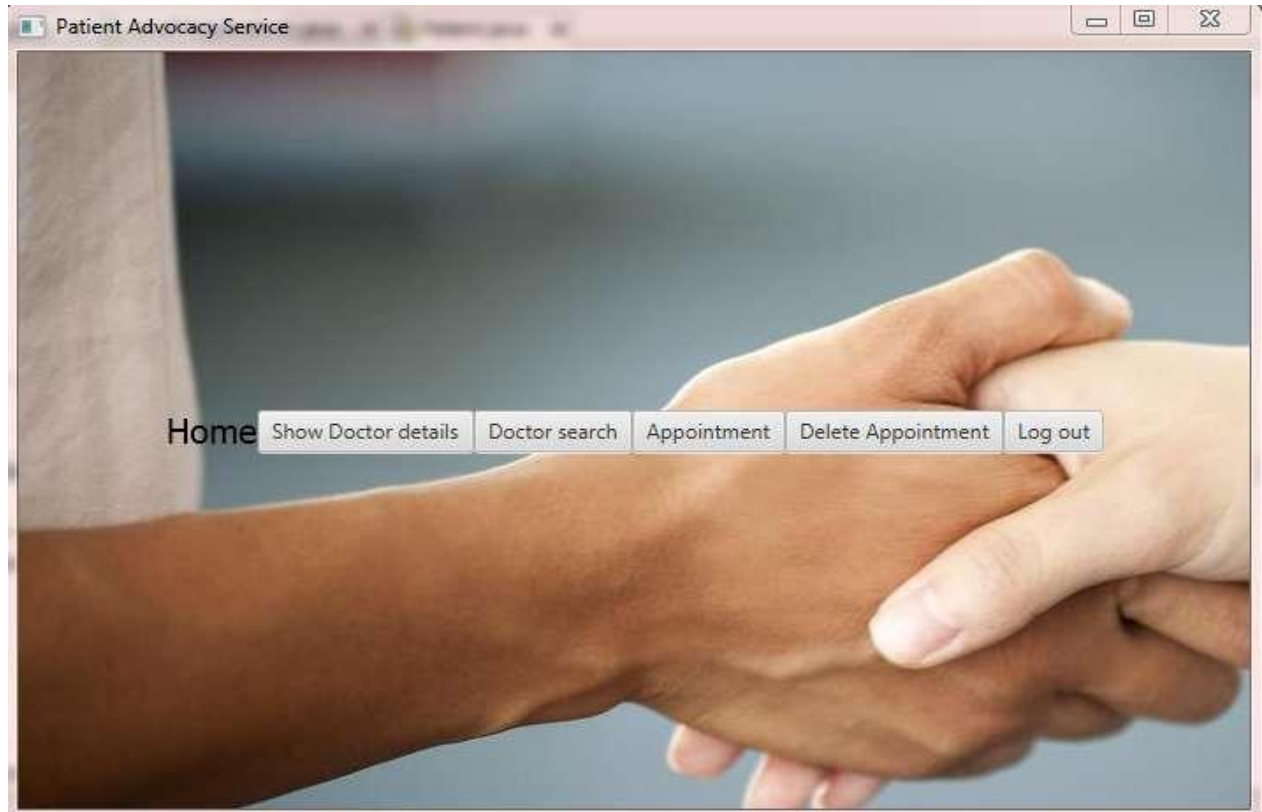
```

```
    }  
    } catch (SQLException ex) {  
        Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex);}  
try {  
con1.close();  
    } catch (SQLException ex) {  
        Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex);  
    } } );
```

Login Page:



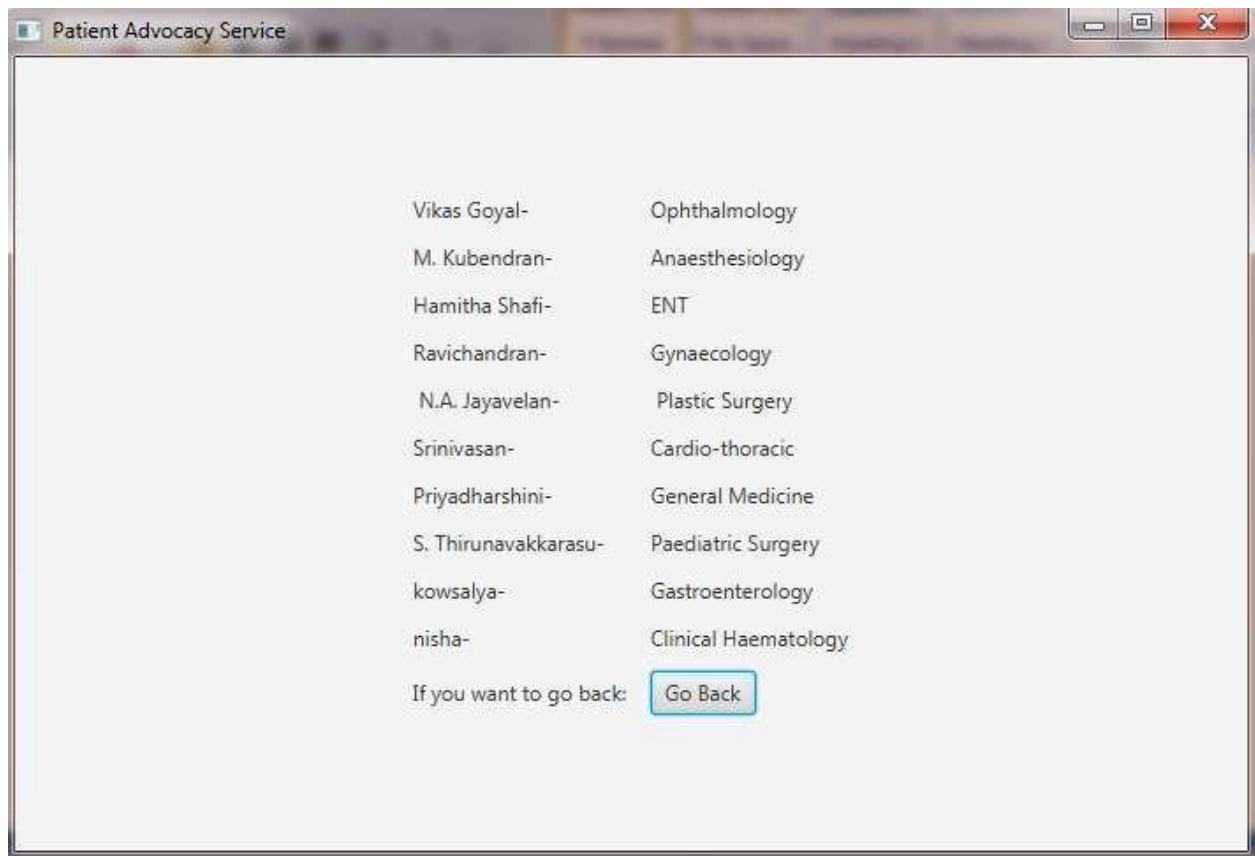
Home Page:



Code for Show Doctor details page :

```
b60.setOnAction(e->{  
    primaryStage.setScene(s3);  
    primaryStage.show();  
});
```

Show Doctor details page:



Code for Doctor search page:

```
b7.setOnAction(e->{  
    String sp=t13.getText();  
    String url2="jdbc:derby://localhost:1527/patei";  
    String user2="priyadharshinii";  
    String pw2="1234";  
    Connection con2 = null;  
    try {  
        con2 = DriverManager.getConnection(url2,user2,pw2);  
    } catch (SQLException ex) {  
        Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex); }  
    Statement st2 = null;
```

```

try {
st2 = con2.createStatement();

    } catch (SQLException ex) {

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

    }

String query2="select * from doctordetails where SPECIALIST='"+sp+"'";

ResultSet h1=null;

    try {

        h1=st2.executeQuery(query2);

    } catch (SQLException ex) {

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

    }

    int f=0;

    try {

        while(h1.next()){

            String name=h1.getString("doctordetails");

            String special=h1.getString("specialist");

            String add=h1.getString("address");

            String cont=h1.getString("contactdetails");

            l35.setText(name);

            l36.setText(special);

            l37.setText(add);

            l38.setText(cont);

            primaryStage.setScene(s9);

            primaryStage.show();

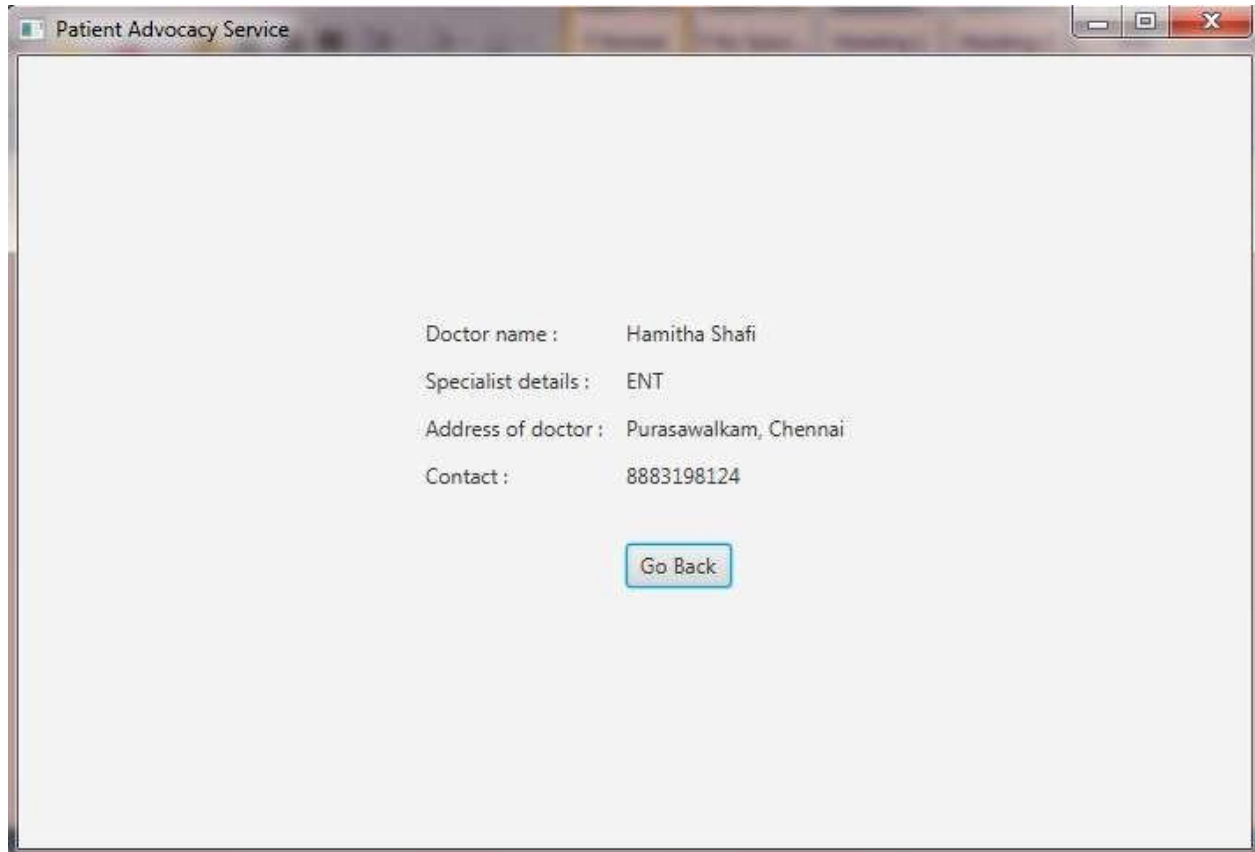
```



```
f=1; }  
if(f==0){  
    l40.setText("No search found");  
} } catch (SQLException ex) {  
    Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex);  
}try {con2.close();  
    } catch (SQLException ex) {  
    Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex);  
    }));
```

Doctor search page:





Code for appointment page:

```
b8.setOnAction(e->{  
    String name2=t14.getText();  
    int age2=Integer.parseInt(t15.getText());  
    String gender2=t16.getText();  
    int phone2=Integer.parseInt(t17.getText());  
    String date2=t18.getText();  
    String prob3=t19.getText();  
    String sp3=t20.getText();  
    String url3="jdbc:derby://localhost:1527/patei";  
    String name3="priyadharshinii";
```

```

String password3="1234";

Connection con3 = null;

try {

    con3 = DriverManager.getConnection(url3,name3,password3);

} catch (SQLException ex) {

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

}

Statement st3 = null;

try {

    st3 = con3.createStatement();

} catch (SQLException ex) {

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

}

String query3="insert into applyy values
('"+name2+"','"+age2+"','"+gender2+"','"+phone2+"','"+prob3+"','"+sp3+"','"+date2+"')";

try {

    int n3=st3.executeUpdate(query3);

} catch (SQLException ex) {

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

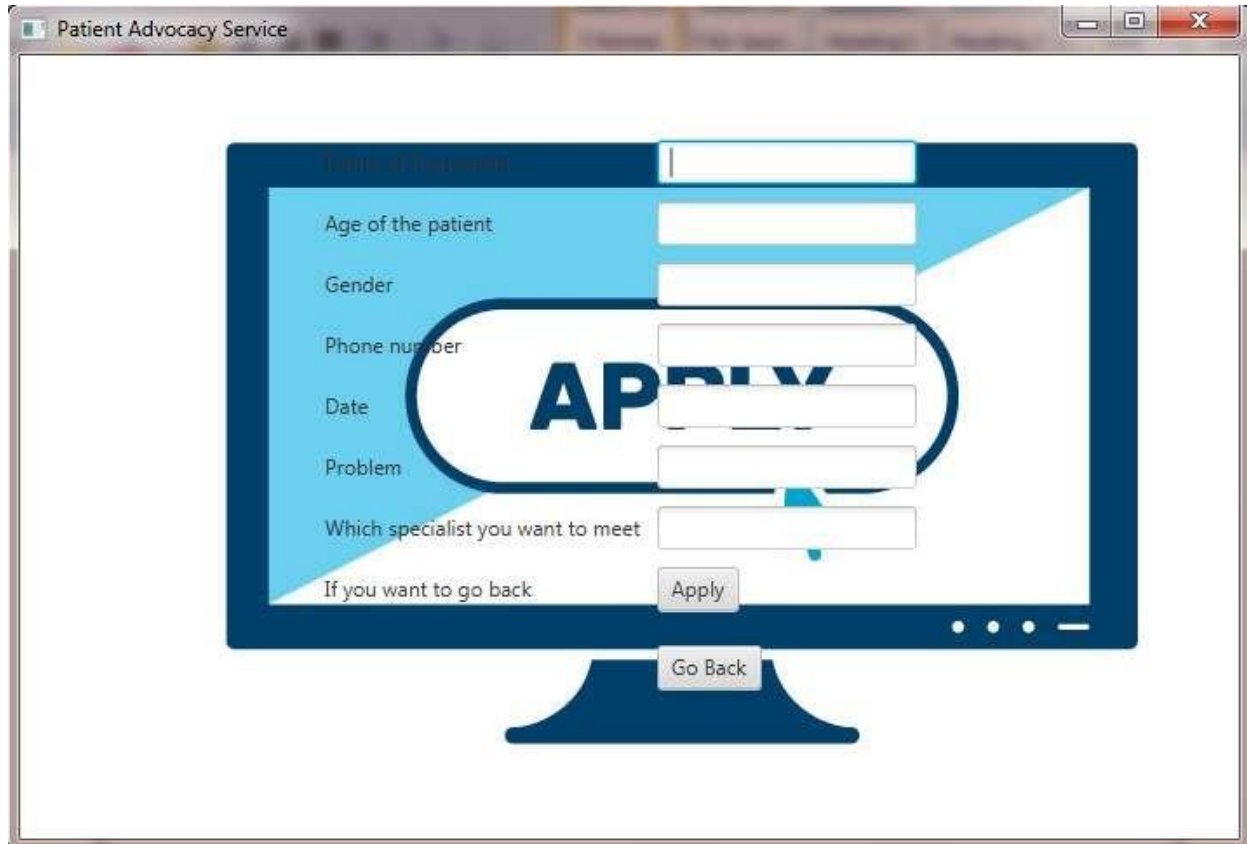
}

l41.setText("Applied successfully");

});

```

Appointment page:



Code for Delete page :

```
b9.setOnAction(e->{
    String finalspl=t21.getText();
    String url3="jdbc:derby://localhost:1527/patei";
    String user3="priyadharshinii";
    String pw3="1234";
    Connection con3 = null;
    try {
        con3 = DriverManager.getConnection(url3,user3,pw3);
    } catch (SQLException ex) {
        Logger.getLogger(Patient.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```

```

    }

    Statement st3 = null;

    try {

        st3 = con3.createStatement();

    } catch (SQLException ex) {

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

    }

    String que="delete from applyy where speci='"+finalspl+"'";

    int d=0;

    try {

        d = st3.executeUpdate(que);

    } catch (SQLException ex) {

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

    }

    try {

        con3.close();

    } catch (SQLException ex) {

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

    }

    if(d!=0){

        150.setText("Appointment is successfully ");

    }

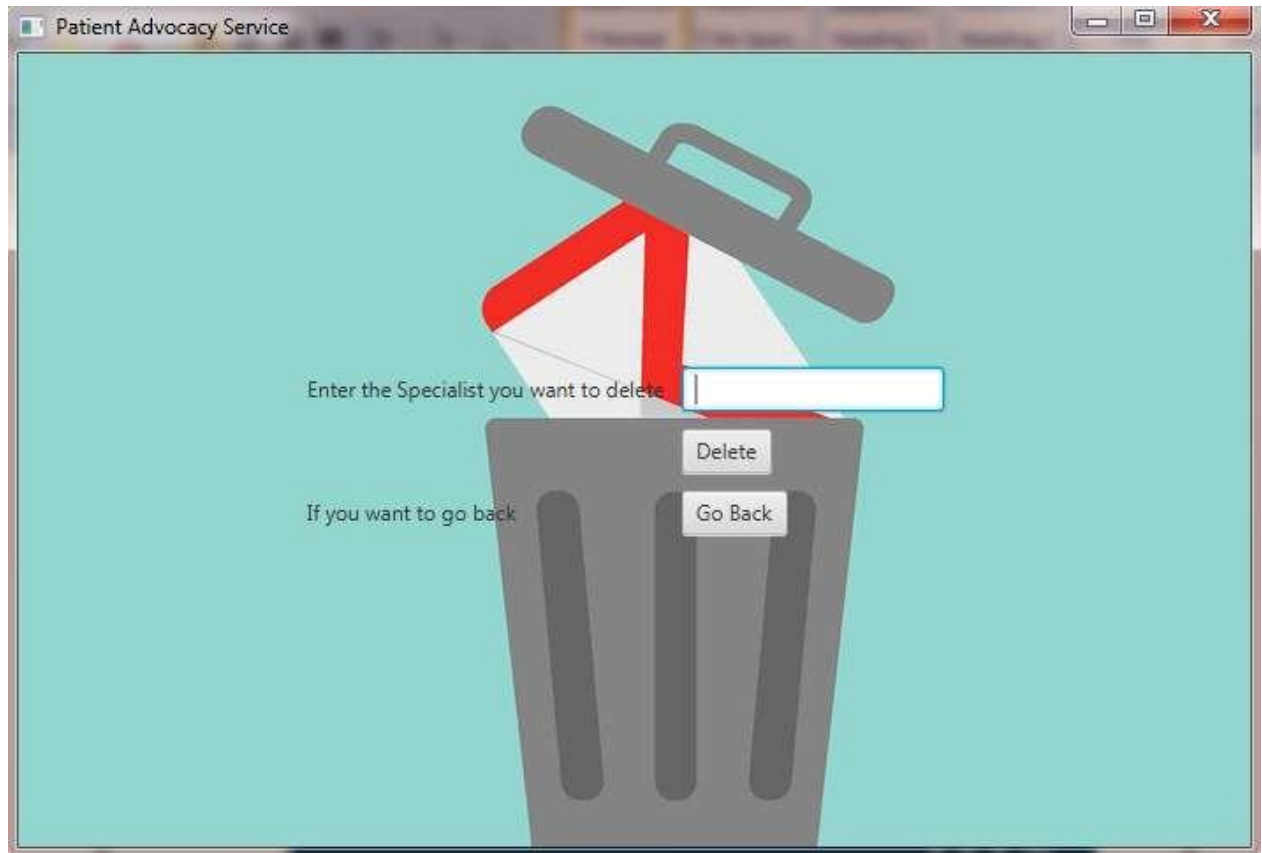
    else{

        150.setText("Invalid specialist detail ");
    }

```

```
}  
});
```

Delete Assignment page:



Database Connection:

Sign up page database connection:

NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

SQL 1 [jdbc:derby://localhost:15...] SQL 2 [jdbc:derby://localhost:15...] SQL 3 [jdbc:derby://localhost:15...]

Connection: jdbc:derby://localhost:1527/patei [priyadharshinii on PRIYADHARSHINII]

```
1 SELECT * FROM PRIYADHARSHINII.SERVICE FETCH FIRST 100 ROWS ONLY;
```

SELECT * FROM PRIYADHARSH... SQL

Max. rows: 100 | Fetched Rows: 17 | Matching Rows:

#	USERNAME	PASSWORD	EMAIL	AGE	GENDER	PHONENO
1	santhi	thiya	santhi@gmail.com		20 female	
2	kalyani	kalyani	kalyani@gmail.com		40 female	
3	thasneem	thas	thasneem@gmail.com		19 female	
4	pri	pri	pri@gmail.com		18 female	
5	thilaga	thilak	thilaga@gmail.com		18 female	
6	priyadha	priya	priya@gmail.com		19 female	
7	kha	dnb	am		2 esm	
8	kha	dnb	am		2 esm	
9	priya	priya	priya@gmail.com		22 female	
10	iqwiqeo	s	ed		3 e	
11	kowsalya	kowsi	kow@gmail.com		29 female	

Notifications Output

Java DB Database Process patient (jfxsa-run) SQL 1 execution SQL 2 execution SQL 3 execution

Execution finished after 0.375 s, no errors occurred.

Doctor details page database connection:

NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

SQL 1 [jdbc:derby://localhost:1527/patei [priyadharshinii on PRIYADHARSHINII]]

Connection: jdbc:derby://localhost:1527/patei [priyadharshinii on PRIYADHARSHINII]

```

1 SELECT * FROM PRIYADHARSHINII.DOCTORDETAILS FETCH FIRST 100 ROWS ONLY;
2

```

SELECT * FROM PRIYADHARSH... »

Max. rows: 100 | Fetched Rows: 12 | Matching Rows:

#	DOCTORNAME	SPECIALIST	ADDRESS	CONTACTDETAILS
1	Vikas Goyal	Ophthalmology	Mylapore, Chennai	9025093280
2	M. Kubendran	Anaesthesiology	R.A. Puram, Chennai	9087879012
3	Hamitha Shafi	ENT	Purasawalkam, Chennai	8883198124
4	Ravichandran	Gynaecology	Triplicane, Chenna	8886798190
5	N.A. Jayavelan	Plastic Surgery	Velachery, Chennai	7010111306
6	Srinivasan	Cardio-thoracic	Nanganallur, Chennai	7867939227

Notifications | Output »

Java DB Database Process » patient (jfxsa-run) » SQL 1 execution » SQL 2 execution » SQL 3 execution »

Execution finished after 0.375 s, no errors occurred.

Appointment page database connection:

NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

SQL 1 [jdbc:derby://localhost:15...] SQL 2 [jdbc:derby://localhost:15...] SQL 3 [jdbc:derby://localhost:15...]

Connection: jdbc:derby://localhost:1527/patei [priyadharshinii on PRIYADHARSHINII]

```

1 SELECT * FROM PRIYADHARSHINII.APPLYY FETCH FIRST 100 ROWS ONLY;
2

```

SELECT * FROM PRIYADHARSHINII.APPLYY FETCH FIRST 100 ROWS ONLY

Max. rows: 100 | Fetched Rows: 3 | Matching Rows:

#	NAMEE	AGEE	GENDERE	PHONEE	PROB
1	prema		17 female	89767	21.2.1999
2	nisha		12 female	90877	2.2.1999
3	nisha		12 female	90877	2.2.1999

Notifications Output

Java DB Database Process patient (jfxsa-run) SQL 1 execution SQL 2 execution SQL 3 execution

Execution finished after 0.375 s, no errors occurred.

Validation:

Login page validation:

Patient Advocacy Service

Login in

Username

password

New patient go to sign up page

Username or password are Invalid

Doctor details page validation:



Patient Advocacy Service

Specialist Details

priya

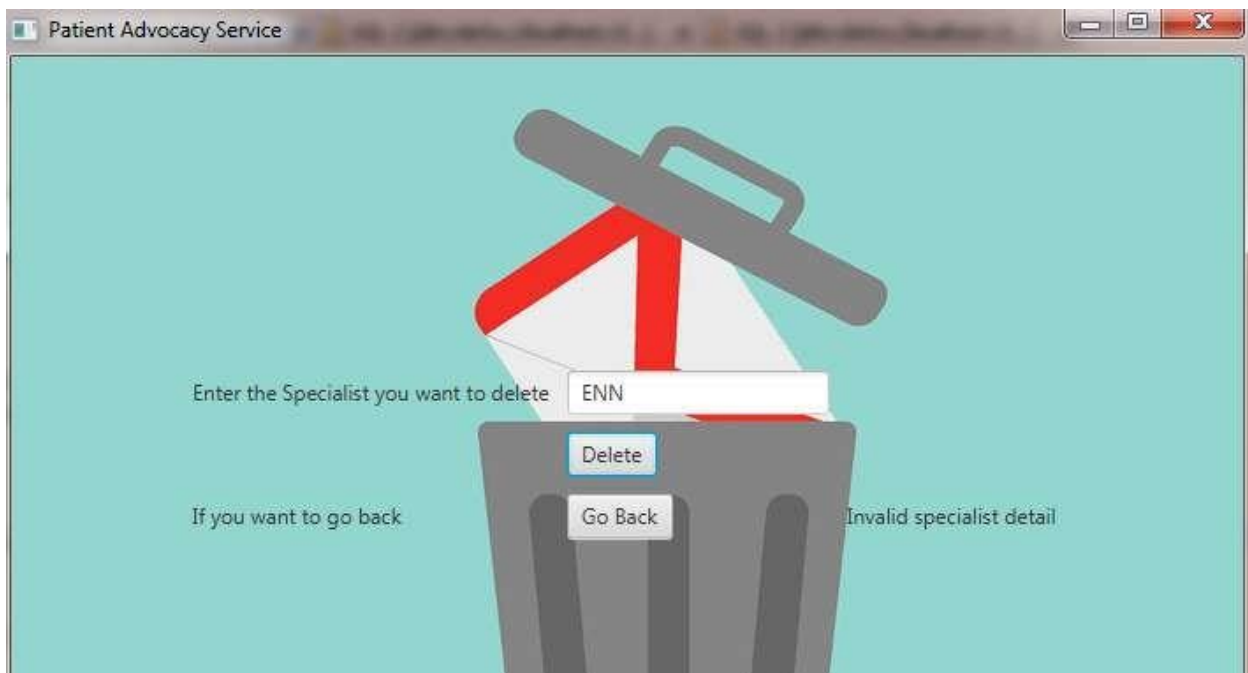
Show

If you want to go back

Go Back

No search found

Delete page validation:



Patient Advocacy Service

Enter the Specialist you want to delete

ENN

Delete

If you want to go back

Go Back

Invalid specialist detail