

A PROJECT  
ON  
**Career Fair Registration System**  
**using**  
**Java and MySQL**

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**MAHESHWARI PUBLIC SCHOOL, JAIPUR**

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# Certificate



This is to certify that Yash Purohit a student of Class 12<sup>th</sup> A-1

has successfully completed project on

“EduFair Registration Window”

under the guidance of Daya Shankar Sir.

The Project is absolutely genuine and does not indulge in plagiarism of any kind. The references taken in this project have been declared at the end.

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Signature (Subject Teacher)

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Signature (Examiner)

# Acknowledgements

*“It is not possible to prepare a project without the assistance & encouragement of other people. This one is certainly no exception.”*

On the very outset of this report, I would like to extend my sincere & heartfelt obligation towards all the personages who have helped me in this endeavor. Without their active guidance, I would not have made headway in the project.

I am ineffably indebted to **Respected Daya Shankar Sir** for conscientious guidance and encouragement to accomplish this assignment.

I extend my gratitude to **Maheshwari Public School** for giving me this opportunity.

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At last but not the least gratitude goes to all my friends who directly or indirectly helped me to complete this project report.

Any omission in this brief acknowledgement does not mean lack of gratitude.

Yash Purohit

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12<sup>th</sup> A-1

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# INTRODUCTION TO THE PROJECT

This software project is inspired by the annual education fair held by our school education committee every year. It is a kind form-filling system and is based on online registration system. This project is developed for registering entries for an event and managing them. The purpose of the project is to develop the Management Information System (MIS) for an event to automate the record of the people attending the event to enhance the decision making of the functionaries.

A MIS mainly consists of a computerized database, a collection of inter-related tables for a particular subject or purpose, capable to produce different reports relevant to the user. An application program is tied with the database for easy access and interface to the database. Using Application program or front-end, we can store, retrieve and manage all information in proper way.

This software, being user-friendly in design and working, does not require much technical knowledge to users, and can be used as a powerful tool for automating a Registration Form Filling System.

During Coding and Design of this software project, Java NetBeans IDE, a powerful front-end tool is used for getting Graphical User Interface (GUI) Based integrated platform and coding simplicity. As a back-end, a powerful open source RDBMS, MySQL is used as per requirement of the CBSE curriculum of Informatics Practices Course.

# INTRODUCTION TO DATABASE CONNECTIVITY

There is a requirement of creating an interface (the form), which user may use for accessing information and also there is a requirement of keeping the information saved in the database (table) in an organized manner for future references and uses. We can create a real life application in two ends:-

- ◆ GUI Application(The Front-End)
- ◆ Database (The Back-End)

In order to account to a database from within an application, you need a framework that helps you send and execute SQL statements from within the application code. If you want to connect a relational database (e.g. MySQL or Oracle) from within Java, you can do it with JDBC (Java Database Connectivity), API (Application Programming Interface) of Java.

JDBC does mainly the following:-

- ◆ Establish a connection with a database.
- ◆ Send SQL statements to database server.
- ◆ Process the results obtained.

Other than JDBC, we also need the JDBC Driver for MySQL which is a software component enabling a Java Application to interact with MySQL Database.

## **▣ Classes Used for Database Connectivity**

There are four main classes in the JDBC API hierarchy that are generally used for database connectivity.

These are:-

- 1. Driver Manager Class :-** The JDBC DriverManager Class loads the JDBC driver needed to access a particular data source, locates and logs on to the database and returns a Connection object.
- 2. Connection Class :-** The JDBC Connection Class manages the communication between a Java client application and a specific database including passing the SQL statements to the DBMS and managing transactions.
- 3. Statement Class :-** The JDBC Statement Class contains SQL strings that are submitted to the DBMS. An SQL Select statement returns a ResultSet object that contains the data retrieved as the result of SQL statement.
- 4. ResultSet Class :-** The JDBC ResultSet class provides predefined methods to access, analyze and convert data values returned by an executed SQL Select statement. A ResultSet object maintains a cursor which points to its current row of data. When a ResultSet object is first created, the cursor is positioned before the first row.

## **▣ GUI Application (The Front-End)**

This is the user interface that the user sees and which is responsible for interacting with the user. The front-end is responsible for receiving user's queries, request, etc. and passing it over to the back-end. The front-end basically includes graphical user interface and the Input Forms, through which users interact with the system. The programmer develops these applications keeping in mind that the user will have a very basic understanding of handling mouse, keyboard and desktop applications. In this project NetBeans IDE 8.2 is used as the front-end software.

## **▣ Database (The Back-End)**

It handles all databases accesses through one or more servers. The database helps us to save data permanently in secondary storage devices and keep data ready for future reference, modifications and additions. It is the end that is not visible but that possesses the user-requests as received by the front-end.

In this project MySQL 5.7 is used as a back-end software.



# INTRODUCTION TO



NetBeans IDE is a free, open source, integrated development environment (IDE) that enables you to develop desktop, mobile and web applications. The IDE supports application development in various languages, including Java, HTML5, PHP and C++. The IDE provides integrated support for the complete development cycle, from project creation through debugging, profiling and deployment. The IDE runs on Windows, Linux, Mac OS X, and other UNIX-based systems.

It offers many features:

- ◆ DRAG AND DROP GUI CREATION
- ◆ EXCELLENT EDITING
- ◆ ADVANCE SOURCE CODE EDITOR
- ◆ WEB SERVICES
- ◆ EXCELLENT DEBUGGING
- ◆ WIZARDS & CODE GENRATION
- ◆ MANAGEMENT TOOLS

# INTRODUCTION TO



MySQL is an open source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. For proprietary use, several paid editions are available, and offer additional functionality.

MySQL is a central component of the LAMP open-source web application software stack (and other "AMP" stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/ PHP/ Python".

In MySQL database, information is stored in TABLES. A MySQL database contains many tables at once and can store thousands of individual records. MySQL provides you with a rich set of features that support a square environment for storing, maintaining and accessing data. MySQL is a fast, reliable, scalable, alternative to many of the commercial RDBMSs available these days.

## MySQL Database System

The key role of a database system is informative management. A database server is the key to solving the problems of information management. In general, a server must reliably manage a large amount of data in multi user environment so that many users can concurrently access the same data. A database server must also prevent unauthorized access and provide efficient solutions of failure recovery. MySQL operates using client server architecture in which runs on the machine containing the database and clients connected to server over a network. The server operating system is usually a Linux or Windows Operating System.

MySQL is multi user database system i.e. multiple users can access simultaneously. Here:

**THE SERVER:-** MySQL server listens for client requests coming in over the network and accesses database contents accordingly to those requests and provide that to clients.

**CLIENT:-** Client are the programs that connect to the database server and issues queries in pre-specified format. MySQL is compatible with the standard based SQL (Structured Query Language).

## **▣Features of MySQL**

### **SPEED:**

If the server is optimal, MySQL runs very fast. It support clustered servers for demanding applications.

### **EASE OF USE:**

MySQL is a high performance, relatively simple database system.

### **COST:**

MySQL is a Free of Cost “Open Source” database.

### **QUERY LANGUAGE SUPPORT:**

MySQL understands standard based Structured Query Language.

### **PORTABILITY:**

MySQL provides portability as it has been tested or worked on many platforms.

### **DATA TYPES:**

MySQL provides many data types to support different types of data.

### **SECURITY:**

MySQL offers a privilege and secure password system that is very flexible, and it also provides host verification system.

### **SCALABILITY/LIMITS:**

MySQL can hold up to 50 million records, sum up to have 60,000 tables and about 5,00,00,00,000 rows.

### **CONNECTIVITY:**

Clients can connect to server, using several protocols.

# SYSTEM IMPLEMENTATION

## **▣ Hardware Used:-**

While developing the project, the hardware used are:

A PC with Pentium® Dual-Core Processor (2.80 GHz) with 1 GB RAM, SVCA and other necessary devices.

## **▣ Software Used:-**

- ◆ Microsoft Windows® 7 Ultimate as Operating System.
- ◆ Java NetBeans™ IDE 8.2 as Front-End Development Environment.
- ◆ MySQL 5.7 as Back-End Server with Database for Testing.
- ◆ MS-Word 2013 for documentation and PDF generation.

# OPERATIONS ON MYSQL

## ◆ Creating Database “EDUFAIR\_REGISTRATION\_WINDOW”:

```
mysql> create database EDUFAIR_REGISTRATION_WINDOW;  
Query OK, 1 row affected (0.02 sec)
```

## ◆ Setting the created database as active database:

```
mysql> use EDUFAIR_REGISTRATION_WINDOW;  
Database changed
```

## ◆ Creating Table “Student\_Registration” and inserting a Demo Record:

```
mysql> create table Student_Registration(SchoolName Varchar(50) Not Null, AadharNo Char(12) Primary Key, First  
Name Varchar(20) Not Null, LastName Varchar(20) Not Null, Class Varchar(5) Not Null, Gender Varchar(6) Not Null,  
Father_or_MotherName Varchar(50) Not Null, EmailID Varchar(50) Not Null, MobileNo Char(10) Not Null, Session1  
Varchar(30) Not Null, Session2 varchar(30) Not Null, Session3 Varchar(30) Not Null, Session4 varchar(30) No  
t Null);  
Query OK, 0 rows affected (0.31 sec)
```

```
mysql> desc Student_Registration;
```

Field	Type	Null	Key	Default	Extra
SchoolName	varchar(50)	NO	PRI	NULL	
AadharNo	char(12)	NO		NULL	
FirstName	varchar(20)	NO		NULL	
LastName	varchar(20)	NO		NULL	
Class	varchar(5)	NO		NULL	
Gender	varchar(6)	NO		NULL	
Father_or_MotherName	varchar(50)	NO		NULL	
EmailID	varchar(50)	NO		NULL	
MobileNo	char(10)	NO		NULL	
Session1	varchar(30)	NO		NULL	
Session2	varchar(30)	NO		NULL	
Session3	varchar(30)	NO		NULL	
Session4	varchar(30)	NO		NULL	

```
13 rows in set (0.00 sec)
```

```
mysql> insert into Student_Registration values("Other School", "100123062303", "Pawan", "Sharma", "12th", "Mal  
e", "Ramesh Sharma", "pawan009@hmail.com", "9426123454", "Comm - CA", "Engg - Automobile Engg.", "Info - Netwo  
rking", "Sci - Genetic Science");  
Query OK, 1 row affected (0.05 sec)
```

## ◆ Creating Table “School\_Registration” and inserting a Demo Record:

```
mysql> create table School_Registration(SchoolName Varchar(50) Not Null, Address Varchar(80) Not Null, Type_of_Board Varchar(5) Not Null, EmailID Varchar(50) Primary Key, PhoneNo Char(7) Not Null, Session1 Varchar(30) Not Null, Session2 varchar(30) Not Null, Session3 Varchar(30) Not Null, Session4 varchar(30) Not Null);
Query OK, 0 rows affected (0.52 sec)
```

```
mysql> desc School_Registration;
```

Field	Type	Null	Key	Default	Extra
SchoolName	varchar(50)	NO		NULL	
Address	varchar(80)	NO		NULL	
Type_of_Board	varchar(5)	NO		NULL	
EmailID	varchar(50)	NO	PRI	NULL	
PhoneNo	char(7)	NO		NULL	
Session1	varchar(30)	NO		NULL	
Session2	varchar(30)	NO		NULL	
Session3	varchar(30)	NO		NULL	
Session4	varchar(30)	NO		NULL	

9 rows in set (0.16 sec)

```
mysql> insert into School_Registration values("Maharishi Vidhyashram", "Sector-13 MI Road Jaipur-332233", "CBS E", "maharishividhyashram99@gmail.com", "2770668", "Comm - CS", "Engg - Electrical Engg.", "Info - Cyber Law", "Sci - Acturial Science");
Query OK, 1 row affected (0.14 sec)
```



# LOGIN FRAME

## Output Window (Wrong Password/Username)



## Output Window (Correct Username & Password)



## Specifications:

- Imports

```
import javax.swing.JOptionPane;
```

## Coding:

- Code for "Log In" Button

```
String p=new String(jPasswordField1.getPassword());  
String a=jTextField1.getText();  
if(p.equals("AF1100CF43") && a.equals("yashpurohit@105*"))  
{JOptionPane.showMessageDialog(null,"You are a valid user. Press OK to enter into  
next window...");  
Menu_Bar obj =new Menu_Bar();  
obj.setVisible(true);  
this.dispose();}  
else  
{JOptionPane.showMessageDialog(null,"Either your password or your username is  
incorrect. Please try again...");}
```

- Code for "Exit" Button

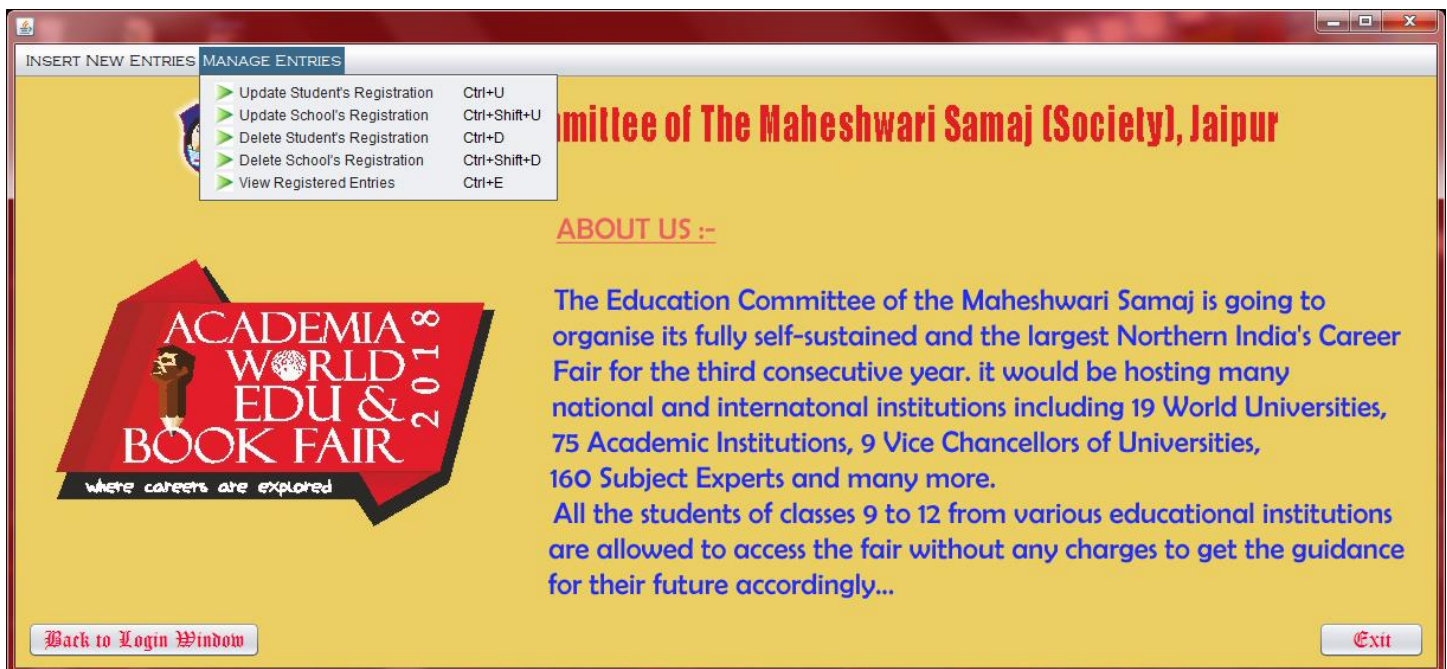
```
System.exit(0);
```

# MENU BAR

## Design Window



## An Overview of Menu Items



### Coding:

- Code for "Back to Login Window" Button

```
Login_Frame obj =new Login_Frame();  
obj.setVisible(true);  
this.dispose();
```

- Code for "Student Registration" Menu Item

```
Student_Registration obj =new Student_Registration ();  
obj.setVisible(true);  
this.dispose();
```

- Code for "School Registration" Menu Item

```
School_Registration obj =new School_Registration ();  
obj.setVisible(true);  
this.dispose();
```

- Code for "Update Student's Registration" Menu Item

```
Update_Student_Registration obj =new Update_Student_Registration ();  
obj.setVisible(true);  
this.dispose();
```

- Code for "Update School's Registration" Menu Item

```
Update_School_Registration obj =new Update_School_Registration ();  
obj.setVisible(true);  
this.dispose();
```

- Code for "Delete Student's Registration" Menu Item

```
Delete_Student_Registration obj =new Delete_Student_Registration ();
```

```
obj.setVisible(true);
```

```
this.dispose();
```

- **Code for "Delete School's Registration" Menu Item**

```
Delete_School_Registration obj =new Delete_School_Registration ();
```

```
obj.setVisible(true);
```

```
this.dispose();
```

- **Code for "View Registered Entries" Menu Item**

```
View_Registered_Entries obj =new View_Registered_Entries ();
```

```
obj.setVisible(true);
```

```
this.dispose();
```

- **Code for "Exit" Button**

```
System.exit(0);
```



# STUDENT REGISTRATION

## Design Window

**STUDENT REGISTRATION**

Registration Information

Name of School*	<input type="text"/>	Aadhar No.*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Class*	<input type="text"/>	Father/Mother Name*	<input type="text"/>
Gender*	<input type="text"/>	Mobile No.*	<input type="text"/>
Email ID*	<input type="text"/>		

Area of Interest for the session

Session 1

☐ Commerce  ☐ Competitive Exams

Session 2

☐ Defence Services  ☐ Engineering

Session 3

☐ Info. Technology  ☐ Media

Session 4

☐ Medical  ☐ Sciences

Note:- \*\* marked field should be compulsarily filled.

## Output Window (Incorrect Inputs)

**STUDENT REGISTRATION**

Registration Information

Name of School*	Mareshwari Public School, Pratap Nagar	Aadhar No.*	120124444567
First Name*	Rahul	Last Name*	Sharma
Class*	10th	Father/Mother Name*	Ramesh Sharma
Gender*	Male	Mobile No.*	943245461
Email ID*	rahul007@gmail.com		

Area of Interest for the session

Session 1

☐ Commerce ☐ Competitive Exams  Civil Services

Session 2

☐ Defence Services ☐ Engineering  Automobile Engg.

Session 3

☐ Info. Technology ☐ Media  Advertising

Session 4

☒ Medical  Rehabilitation ☐ Sciences

Note:- \*\* marked field should be compulsarily filled.

**Message**

Please Note!!  
It is compulsory to select any one category in each session.  
Also it is compulsory to fill all the \*\* marked fields  
Also Aadhar No. should be of exactly 12 digits and Mobile No. of exactly 10 digits.

## Output Window

### (Correct Inputs)

The screenshot shows a Java Swing window titled "STUDENT REGISTRATION". It contains two main sections: "Registration Information" and "Area of Interest for the session".

**Registration Information:**

Name of School*	Mareshwari Public School, Pratap Nagar	Aadhar No.*	160123446567
First Name*	Yash	Last Name*	Purohit
Class*	12th	Father/Mother Name*	Gulab Chand Pareek
Gender*	Male	Mobile No.*	9314037620
Email ID*	yashpurohit047@gmail.com		

**Area of Interest for the session:**

Session	Area of Interest	Specific Interest
Session 1	<input type="radio"/> Commerce	<input checked="" type="radio"/> Competitive Exams (CAT)
Session 2	<input type="radio"/> Defence Services	<input checked="" type="radio"/> Engineering (Automobile Engg.)
Session 3	<input checked="" type="radio"/> Info. Technology (Multimedia)	<input type="radio"/> Media
Session 4	<input type="radio"/> Medical	<input checked="" type="radio"/> Sciences (Nuclear Science)

A message dialog box is displayed in the center, titled "Message", with the text "Entry Registered Successfully" and an "OK" button.

At the bottom, there is a note: "Note:- \*\* marked field should be compulsarily filled." and three buttons: "Cancel And Back to Main Menu", "Save & Submit", and "Clear All Entries".

### Specifications:

- Imports

```
import javax.swing.JOptionPane;  
import java.sql.*;
```

- Init Components

```
jTextField1.setText("");  
jTextField2.setText("");  
jTextField3.setText("");  
jTextField4.setText("");  
jTextField5.setText("");  
jTextField6.setText("");  
RBComm.setSelected(false);
```

```
RBComp.setSelected(false);
RBDef.setSelected(false);
RBEngg.setSelected(false);
RBInfo.setSelected(false);
RBMedia.setSelected(false);
RBMedi.setSelected(false);
RBSci.setSelected(false);
jComboBox1.setSelectedIndex(-1);
jComboBox2.setSelectedIndex(-1);
jComboBox3.setSelectedIndex(-1);
OptComm.setSelectedIndex(-1);
OptComp.setSelectedIndex(-1);
OptDef.setSelectedIndex(-1);
OptEngg.setSelectedIndex(-1);
OptInfo.setSelectedIndex(-1);
OptMedia.setSelectedIndex(-1);
OptMedi.setSelectedIndex(-1);
OptSci.setSelectedIndex(-1);
OptComm.setEnabled(false);
OptComp.setEnabled(false);
OptDef.setEnabled(false);
OptEngg.setEnabled(false);
OptInfo.setEnabled(false);
OptMedia.setEnabled(false);
OptMedi.setEnabled(false);
```



```
OptSci.setEnabled(false);
```

### Coding:

- Code for "Save & Submit" Button

```
If ((RBComm.isSelected() || RBComp.isSelected()) && (RBDef.isSelected() ||  
RBEngg.isSelected()) && (RBInfo.isSelected() || RBMedia.isSelected()) &&  
(RBMedi.isSelected() || RBSci.isSelected()) && jTextField1.getText().length()!=0 &&  
jTextField2.getText().length()!=0 && jTextField3.getText().length()!=0 &&  
jTextField4.getText().length()!=0 && jTextField5.getText().length()==10 &&  
jTextField6.getText().length()==12 && jComboBox1.getSelectedIndex()!=-1 &&  
jComboBox2.getSelectedIndex()!=-1 &&jComboBox3.getSelectedIndex()!=-1)  
    {String SchoolName, AadharNo, FirstName, LastName, CLass, Gender,  
    Father_or_MotherName, EmailID, MobileNo, Session1 ="NULL",  
    Session2="NULL", Session3="NULL", Session4="NULL";  
    SchoolName= jComboBox1.getSelectedItem().toString();  
    AadharNo= jTextField6.getText();  
    FirstName= jTextField1.getText();  
    LastName= jTextField3.getText();  
    CLass= jComboBox2.getSelectedItem().toString();  
    Gender= jComboBox3.getSelectedItem().toString();  
    Father_or_MotherName= jTextField4.getText();  
    EmailID= jTextField2.getText();  
    MobileNo= jTextField5.getText();  
    {if(RBComm.isSelected())  
    {if(OptComm.getSelectedItem()=="CA")
```

```

        Session1="Comm - CA";
    else if(OptComm.getSelectedItem()=="CS")
        Session1="Comm - CS";
    else if(OptComm.getSelectedItem()=="Entrepreneurship")
        Session1="Comm - Entrepreneurship";
    }
    else if(RBComp.isSelected())
    {if(OptComp.getSelectedItem()=="CAT")
        Session1="Comp - CAT";
    else if(OptComp.getSelectedItem()=="Civil Services")
        Session1="Comp - Civil Services";
    else if(OptComp.getSelectedItem()=="CLAT")
        Session1="Comp - CLAT";
    }
    }
    {if(RBDef.isSelected())
    {if(OptDef.getSelectedItem()=="Aviation")
        Session2="Def - Aviation";
    else if(OptDef.getSelectedItem()=="Merchant Navy")
        Session2="Def - Merchant Navy";
    else if(OptDef.getSelectedItem()=="NDA")
        Session2="Def - NDA";
    }
    else if(RBEngg.isSelected())
    {if(OptEngg.getSelectedItem()=="Automobile Engg.")

```

```

        Session2="Engg - Automobile Engg.";
    else if(OptEngg.getSelectedItem()=="Electrical Engg.")
        Session2="Engg - Electrical Engg.";
    else if(OptEngg.getSelectedItem()=="Mechanical Engg.")
        Session2="Engg - Mechanical Engg.";
    }
}

{if(RBInfo.isSelected())
{if(OptInfo.getSelectedItem()=="Cyber Law")
    Session3="Info - Cyber Law";
else if(OptInfo.getSelectedItem()=="Multimedia")
    Session3="Info - Multimedia";
else if(OptInfo.getSelectedItem()=="Networking")
    Session3="Info - Networking";
}

else if(RBMedia.isSelected())
{if(OptMedia.getSelectedItem()=="Advertising")
    Session3="Media - Advertising";
else if(OptMedia.getSelectedItem()=="Anchoring")
    Session3="Media - Anchoring";
else if(OptMedia.getSelectedItem()=="Photography")
    Session3="Media - Photography";
}
}

{if(RBMedi.isSelected())

```

```

    {if(OptMedi.getSelectedItem()=="Pharmacy")
        Session4="Medi - Pharmacy";
    else if(OptMedi.getSelectedItem()=="Physiotherapy")
        Session4="Medi - Physiotherapy";
    else if(OptMedi.getSelectedItem()=="Rehabilitation")
        Session4="Medi - Rehabilitation";
    }
    else if(RBSci.isSelected())
    {if(OptSci.getSelectedItem()=="Acturial Science")
        Session4="Sci - Acturial Science";
    else if(OptSci.getSelectedItem()=="Genetic Science")
        Session4="Sci - Genetic Science";
    else if(OptSci.getSelectedItem()=="Nuclear Science")
        Session4="Sci - Nuclear Science";
    }
}

try{
    Class.forName("java.sql.DriverManager");
    Connection con= DriverManager.getConnection ("jdbc:mysql:
//localhost:3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");
    String sql;
    sql="insert into Student_Registration values('"+SchoolName+"",
    '"+AadharNo+"','"+ FirstName+"', '"+LastName+"', '"+CLass+"', '"+Gender+"',
    '"+Father_or_MotherName+"', '"+EmailID+"', '"+MobileNo+"', '"+Session1+"',
    '"+Session2+"', '"+Session3+"', '"+Session4+"')";
}

```

```

Statement st =con.createStatement();

st.executeUpdate(sql);

JOptionPane.showMessageDialog(null,"Entry Registered Successfully");
}

catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}

}

```

else

JOptionPane.showMessageDialog(null,"Please Note!!"+"\\n It is compulsory to select any one category in each session."+"\\nAlso It is compulsory to fill all the '\*' marked fields"+"\\nAlso Aadhar No. should be of exactly 12 digits and Mobile No. of exactly 10 digits.");

- **Code for “Cancel And Back to Main Menu” Button**

```

Menu_Bar obj =new Menu_Bar();

obj.setVisible(true);

this.dispose();

```

- **Code for “Clear All Entries” Button**

```

RBComm.setSelected(false);

RBComp.setSelected(false);

RBDef.setSelected(false);

RBEgg.setSelected(false);

RBInfo.setSelected(false);

RBMedia.setSelected(false);

RBMedi.setSelected(false);

RBSci.setSelected(false);

jTextField1.setText("");

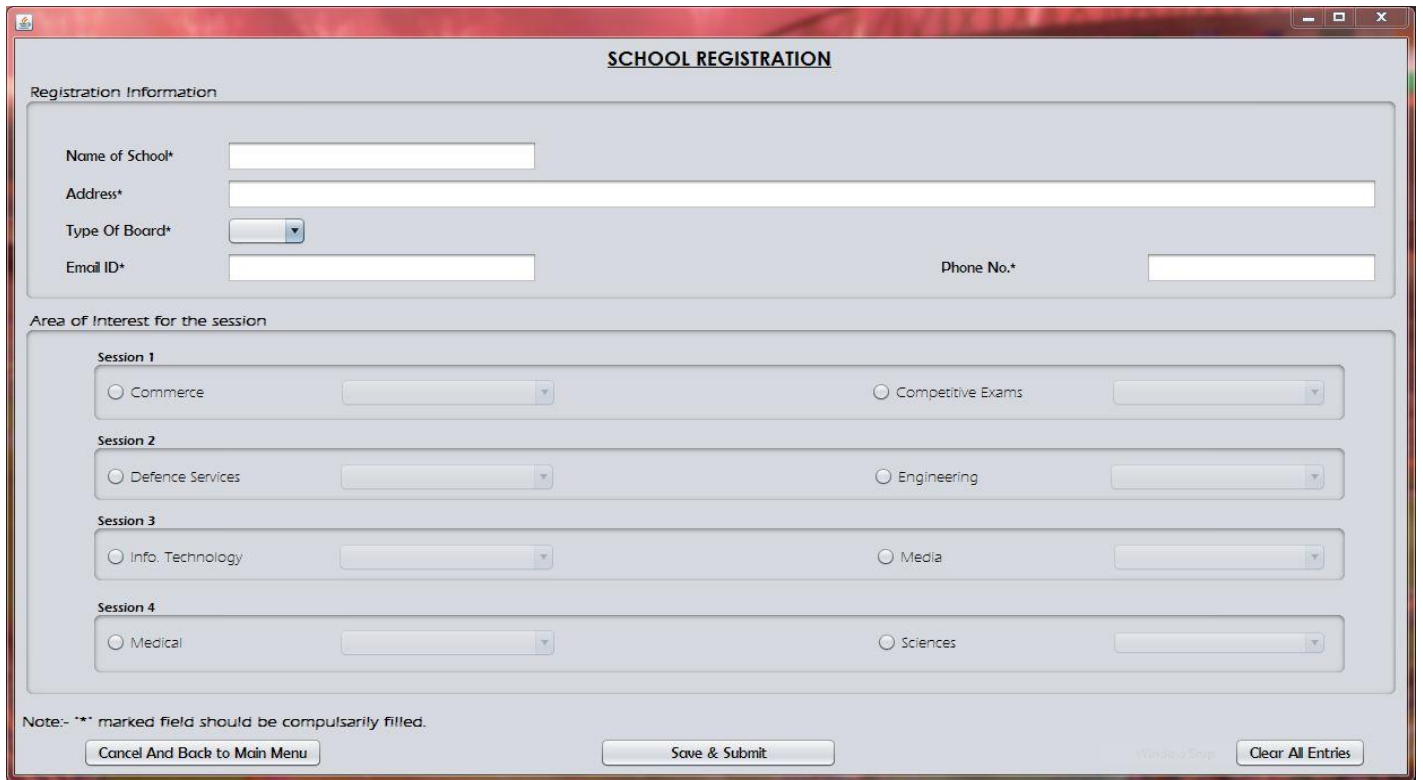
```

```
jTextField2.setText("");
jTextField3.setText("");
jTextField4.setText("");
jTextField5.setText("");
jTextField6.setText("");
jComboBox1.setSelectedIndex(-1);
jComboBox2.setSelectedIndex(-1);
jComboBox3.setSelectedIndex(-1);
OptComm.setSelectedIndex(-1);
OptComp.setSelectedIndex(-1);
OptDef.setSelectedIndex(-1);
OptEngg.setSelectedIndex(-1);
OptInfo.setSelectedIndex(-1);
OptMedia.setSelectedIndex(-1);
OptMedi.setSelectedIndex(-1);
OptSci.setSelectedIndex(-1);
OptComm.setEnabled(false);
OptComp.setEnabled(false);
OptDef.setEnabled(false);
OptEngg.setEnabled(false);
OptInfo.setEnabled(false);
OptMedia.setEnabled(false);
OptMedi.setEnabled(false);
OptSci.setEnabled(false);
```

- Code for "Commerce" RadioButton (RBCommAction Performed)  
 OptComm.setEnabled(true);  
 OptComp.setEnabled(false);
- Code for "Comp...Exams" RadioButton (RBCompAction Performed)  
 OptComp.setEnabled(true);  
 OptComm.setEnabled(false);
- Code for "Defence" RadioButton (RBDefAction Performed)  
 OptDef.setEnabled(true);  
 OptEngg.setEnabled(false);
- Code for "Engineering" RadioButton (RBEnggAction Performed)  
 OptEngg.setEnabled(true);  
 OptDef.setEnabled(false);
- Code for "Info...ology" RadioButton (RBInfoAction Performed)  
 OptInfo.setEnabled(true);  
 OptMedia.setEnabled(false);
- Code for "Media" RadioButton (RBMediaAction Performed)  
 OptMedia.setEnabled(true);  
 OptInfo.setEnabled(false);
- Code for "Medical" RadioButton (RBMediAction Performed)  
 OptMedi.setEnabled(true);  
 OptSci.setEnabled(false);
- Code for "Sciences" RadioButton (RBSciAction Performed)  
 OptSci.setEnabled(true);  
 OptMedi.setEnabled(false);

# SCHOOL REGISTRATION

## Design Window



The design window for the School Registration form is titled "SCHOOL REGISTRATION". It contains two main sections: "Registration Information" and "Area of Interest for the session".

**Registration Information:**

- Name of School\* (text input)
- Address\* (text input)
- Type Of Board\* (dropdown menu)
- Email ID\* (text input)
- Phone No.\* (text input)

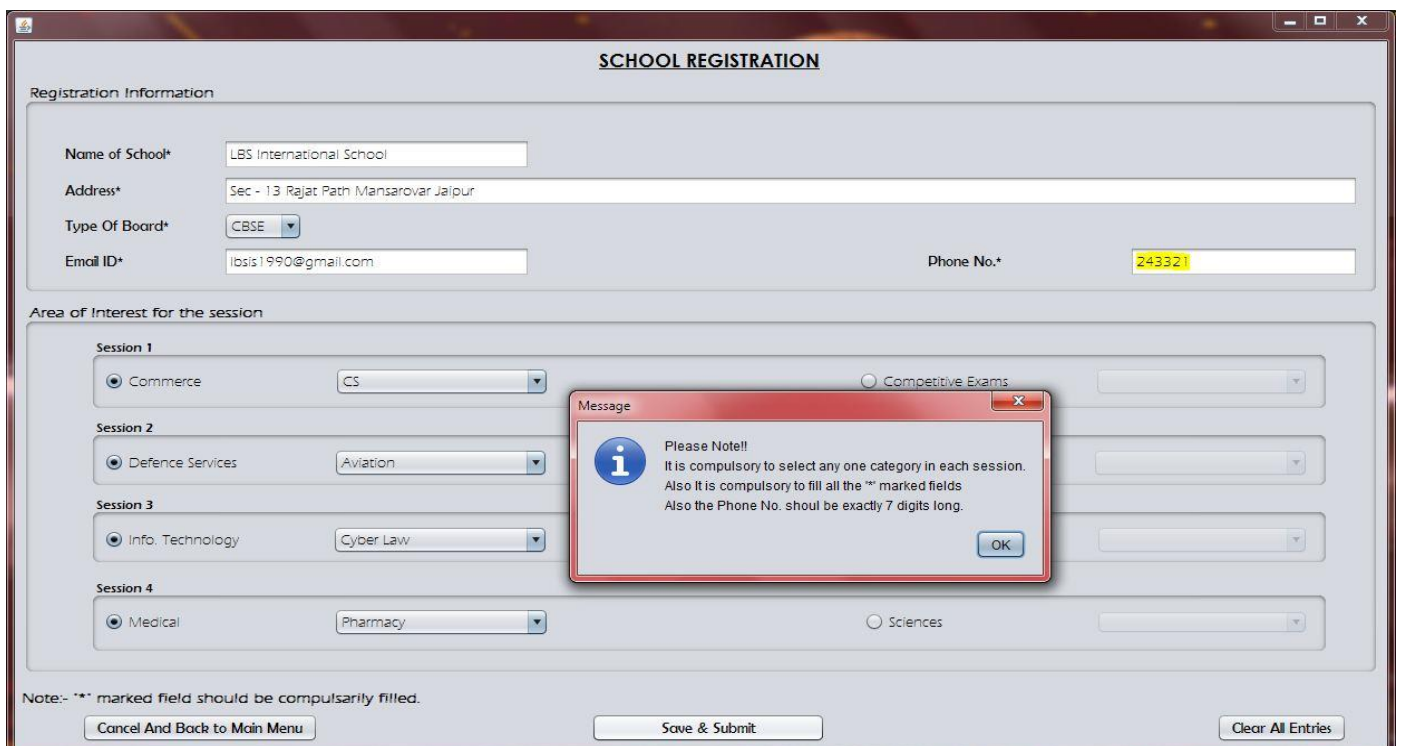
**Area of Interest for the session:**

- Session 1: Commerce (radio button), Competitive Exams (radio button)
- Session 2: Defence Services (radio button), Engineering (radio button)
- Session 3: Info. Technology (radio button), Media (radio button)
- Session 4: Medical (radio button), Sciences (radio button)

Note:- \*\* marked field should be compulsarily filled.

Buttons: Cancel And Back to Main Menu, Save & Submit, Clear All Entries.

## Output Window (Incorrect Inputs)



The output window shows the School Registration form with incorrect inputs. A message box is displayed, indicating that the inputs are invalid.

**Registration Information:**

- Name of School\*: LBS International School
- Address\*: Sec - 13 Rajat Path Mansarovar Jaipur
- Type Of Board\*: CBSE
- Email ID\*: lbsis1990@gmail.com
- Phone No.\*: 243321

**Area of Interest for the session:**

- Session 1: Commerce (radio button), Competitive Exams (radio button)
- Session 2: Defence Services (radio button), Engineering (radio button)
- Session 3: Info. Technology (radio button), Media (radio button)
- Session 4: Medical (radio button), Sciences (radio button)

Note:- \*\* marked field should be compulsarily filled.

Buttons: Cancel And Back to Main Menu, Save & Submit, Clear All Entries.

**Message Box:**

Please Note!!  
It is compulsory to select any one category in each session.  
Also It is compulsory to fill all the \*\* marked fields  
Also the Phone No. should be exactly 7 digits long.



## Output Window (Correct Inputs)

**SCHOOL REGISTRATION**

Registration Information

Name of School\* Tagore Public School

Address\* Sec - 11 Near AU Finance Bank Branch Pratap Nagar Jaipur

Type Of Board\* CBSE

Email ID\* tagorepublicschool2002@gmail.com Phone No.\* 2778987

Area of Interest for the session

Session 1  
☒ Commerce CA ☐ Competitive Exams

Session 2  
☒ Defence Services NDA ☐ Engineering

Session 3  
☐ Info. Technology ☒ Media Photography

Session 4  
☐ Medical ☒ Sciences Genetic Science

Note:- \*\* marked field should be compulsarily filled.

Cancel And Back to Main Menu Save & Submit Clear All Entries

Message  
i Entry Registered Successfully  
OK

### Specifications:

- Imports

```
import javax.swing.JOptionPane;
```

```
import java.sql.*;
```

- Init Components

```
jTextField1.setText("");
```

```
jTextField2.setText("");
```

```
jTextField5.setText("");
```

```
jTextField6.setText("");
```

```
RBComp.setSelected(false);
```

```
RBDef.setSelected(false);
```

```
RBEgg.setSelected(false);
```

```
RBInfo.setSelected(false);  
RBMedia.setSelected(false);  
RBMedi.setSelected(false);  
RBSci.setSelected(false);  
jComboBox2.setSelectedIndex(-1);  
OptComm.setSelectedIndex(-1);  
OptComp.setSelectedIndex(-1);  
OptDef.setSelectedIndex(-1);  
OptEngg.setSelectedIndex(-1);  
OptInfo.setSelectedIndex(-1);  
OptMedia.setSelectedIndex(-1);  
OptMedi.setSelectedIndex(-1);  
OptSci.setSelectedIndex(-1);  
OptComm.setEnabled(false);  
OptComp.setEnabled(false);  
OptDef.setEnabled(false);  
OptEngg.setEnabled(false);  
OptInfo.setEnabled(false);  
OptMedia.setEnabled(false);  
OptMedi.setEnabled(false);  
OptSci.setEnabled(false);
```

## Coding:

- Code for "Save & Submit" Button

```
if((RBComm.isSelected() || RBComp.isSelected()) && (RBDef.isSelected() ||
RBEngg.isSelected()) && (RBInfo.isSelected() || RBMedia.isSelected()) &&
(RBMedi.isSelected() || RBSci.isSelected()) && jTextField1.getText().length()!=0 &&
jTextField2.getText().length()!=0 && jTextField5.getText().length()==7 &&
jTextField6.getText().length()!=0 && jComboBox2.getSelectedIndex()!=-1)

{String SchoolName, Address, Type_of_Board, EmailID, PhoneNo,
Session1="NULL", Session2="NULL", Session3="NULL", Session4="NULL";
SchoolName= jTextField1.getText();
Address= jTextField6.getText();
Type_of_Board= jComboBox2.getSelectedItem().toString();
EmailID= jTextField2.getText();
PhoneNo= jTextField5.getText();
if(RBComm.isSelected())
if(OptComm.getSelectedItem()=="CA")
    Session1="Comm - CA";
else if(OptComm.getSelectedItem()=="CS")
    Session1="Comm - CS";
else if(OptComm.getSelectedItem()=="Entrepreneurship")
    Session1="Comm - Entrepreneurship";
}
else if(RBComp.isSelected())
if(OptComp.getSelectedItem()=="CAT")
    Session1="Comp - CAT";
```

```

else if(OptComp.getSelectedItem()=="Civil Services")
    Session1="Comp - Civil Services";
else if(OptComp.getSelectedItem()=="CLAT")
    Session1="Comp - CLAT";
}
}
{if(RBDef.isSelected())
{if(OptDef.getSelectedItem()=="Aviation")
    Session2="Def - Aviation";
else if(OptDef.getSelectedItem()=="Merchant Navy")
    Session2="Def - Merchant Navy";
else if(OptDef.getSelectedItem()=="NDA")
    Session2="Def - NDA";
}
else if(RBEngg.isSelected())
{if(OptEngg.getSelectedItem()=="Automobile Engg.")
    Session2="Engg - Automobile Engg.";
else if(OptEngg.getSelectedItem()=="Electrical Engg.")
    Session2="Engg - Electrical Engg.";
else if(OptEngg.getSelectedItem()=="Mechanical Engg.")
    Session2="Engg - Mechanical Engg.";
}
}
{if(RBInfo.isSelected())
{if(OptInfo.getSelectedItem()=="Cyber Law")

```

```

        Session3="Info - Cyber Law";
    else if(OptInfo.getSelectedItem()=="Multimedia")
        Session3="Info - Multimedia";
    else if(OptInfo.getSelectedItem()=="Networking")
        Session3="Info - Networking";
    }
    else if(RBMedia.isSelected())
    {if(OptMedia.getSelectedItem()=="Advertising")
        Session3="Media - Advertising";
    else if(OptMedia.getSelectedItem()=="Anchoring")
        Session3="Media - Anchoring";
    else if(OptMedia.getSelectedItem()=="Photography")
        Session3="Media - Photography";
    }
    }
    {if(RBMedi.isSelected())
    {if(OptMedi.getSelectedItem()=="Pharmacy")
        Session4="Medi - Pharmacy";
    else if(OptMedi.getSelectedItem()=="Physiotherapy")
        Session4="Medi - Physiotherapy";
    else if(OptMedi.getSelectedItem()=="Rehabilitation")
        Session4="Medi - Rehabilitation";
    }
    else if(RBSci.isSelected())
    {if(OptSci.getSelectedItem()=="Acturial Science")

```

```

        Session4="Sci - Acturial Science";
    else if(OptSci.getSelectedItem()=="Genetic Science")
        Session4="Sci - Genetic Science";
    else if(OptSci.getSelectedItem()=="Nuclear Science")
        Session4="Sci - Nuclear Science";
    }
    try{
        Class.forName("java.sql.DriverManager");
        Connection con= DriverManager.getConnection ("jdbc:mysql:
//localhost:3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");
        String sql;
        sql="insert into School_Registration values('"+SchoolName+"",
        '"+Address+"','"+Type_of_Board+"', '"+EmailID+"', '"+PhoneNo+"',
        '"+Session1+"', '"+Session2+"', '"+Session3+"', '"+Session4+"')";
        Statement st =con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Entry Registered Successfully");
    }
    catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}
}
else
    JOptionPane.showMessageDialog(null,"Please Note!!"+"\\nIt is compulsory to
select any one category in each session."+"\\nAlso It is compulsory to fill all the '*'
marked fields"+"\\nAlso the Phone No. shoul be exactly 7 digits long.");

```

- **Code for "Cancel And Back to Main Menu" Button**

```
Menu_Bar obj =new Menu_Bar();  
obj.setVisible(true);  
this.dispose();
```

- **Code for "Clear All Entries" Button**

```
jTextField1.setText("");  
  
jTextField2.setText("");  
  
jTextField5.setText("");  
  
jTextField6.setText("");  
  
RBComm.setSelected(false);  
  
RBComp.setSelected(false);  
  
RBDef.setSelected(false);  
  
RBEngg.setSelected(false);  
  
RBInfo.setSelected(false);  
  
RBMedia.setSelected(false);  
  
RBMedi.setSelected(false);  
  
RBSci.setSelected(false);  
  
jComboBox2.setSelectedIndex(-1);  
  
OptComm.setSelectedIndex(-1);  
  
OptComp.setSelectedIndex(-1);
```

```
OptDef.setSelectedIndex(-1);  
  
OptEngg.setSelectedIndex(-1);  
  
OptInfo.setSelectedIndex(-1);  
  
OptMedia.setSelectedIndex(-1);  
  
OptMedi.setSelectedIndex(-1);  
  
OptSci.setSelectedIndex(-1);  
  
OptComm.setEnabled(false);  
  
OptComp.setEnabled(false);  
  
OptDef.setEnabled(false);  
  
OptEngg.setEnabled(false);  
  
OptInfo.setEnabled(false);  
  
OptMedia.setEnabled(false);  
  
OptMedi.setEnabled(false);  
  
OptSci.setEnabled(false);
```

- **Code for "Commerce" RadioButton (RBCommAction Performed)**

```
OptComm.setEnabled(true);  
OptComp.setEnabled(false);
```

- **Code for "Comp...Exams" RadioButton (RBCompAction Performed)**



OptComp.setEnabled(true);

OptComm.setEnabled(false);

- **Code for "Defence" RadioButton (RBDefAction Performed)**

OptDef.setEnabled(true);

OptEngg.setEnabled(false);

- **Code for "Engineering" RadioButton (RBEnggAction Performed)**

OptEngg.setEnabled(true);

OptDef.setEnabled(false);

- **Code for "Info...ology" RadioButton (RBInfoAction Performed)**

OptInfo.setEnabled(true);

OptMedia.setEnabled(false);

- **Code for "Media" RadioButton (RBMediaAction Performed)**

OptMedia.setEnabled(true);

OptInfo.setEnabled(false);

- **Code for "Medical" RadioButton (RBMediAction Performed)**

OptMedi.setEnabled(true);

OptSci.setEnabled(false);

- **Code for "Sciences" RadioButton (RBSciAction Performed)**

OptSci.setEnabled(true);

OptMedi.setEnabled(false);

# UPDATE STUDENT'S REGISTRATION

## Design Window

UPDATE STUDENT REGISTRATION

Enter Aadhar No.\*

Fetch Details

Modify Registration Information

Name of School\*

First Name\*

Class\*

Email ID\*

Father/Mother Name\*

Last Name\*

Gender\*

Mobile No.\*

Sessions Previously Selected :-

Session1 -  
Session3 -

Re-enter Required Sessions Again

Session 1

☐ Commerce

☐ Competitive Exams

Session 2

☐ Defence Services

☐ Engineering

Session 3

☐ Info: Technology

☐ Media

Session 4

☐ Medical

☐ Sciences

Note:- \*\*\* marked field should be compulsarily filled.

Cancel And Back to Main MenuSave & SubmitClear All Entries

## Output Window

UPDATE STUDENT REGISTRATION

Enter Aadhar No.\*160123446567

Fetch Details

Modify Registration Information

Name of School\*Maheshwari Public School, Pratap Nagar

First Name\*Yash

Class\*12th

Email ID\*yashpurohit047@gmail.com

Father/Mother Name\*Gulab Chand Pareek

Last Name\*Purohit

Gender\*Male

Mobile No.\*9414344641

Sessions Previously Selected :-

Session1 - Comp - CAT  
Session3 - Info -

Re-enter Required Sessions Again

Session 1

☒ CommerceCS

☐ Competitive Exams

Session 2

☐ Defence Services

☒ EngineeringAutomobile Engg.

Session 3

☒ Info: TechnologyMultimedia

☐ MediaAdvertising

Session 4

☐ Medical

☒ SciencesNuclear Science

Note:- \*\*\* marked field should be compulsarily filled.

Cancel And Back to Main MenuSave & SubmitClear All Entries

Message  
Entry Updated Successfully  
OK

## **Specifications:**

- **Imports**

```
import javax.swing.JOptionPane;  
import java.sql.*;
```

- **Init Components**

```
textField1.setText("");  
textField2.setText("");  
textField3.setText("");  
textField4.setText("");  
textField5.setText("");  
textField6.setText("");  
RBComm.setSelected(false);  
RBComp.setSelected(false);  
RBDef.setSelected(false);  
RBEngg.setSelected(false);  
RBInfo.setSelected(false);  
RBMedia.setSelected(false);  
RBMedi.setSelected(false);  
RBSci.setSelected(false);  
jComboBox1.setSelectedIndex(-1);  
jComboBox2.setSelectedIndex(-1);  
jComboBox3.setSelectedIndex(-1);  
OptComm.setSelectedIndex(-1);  
OptComp.setSelectedIndex(-1);
```

```
OptDef.setSelectedIndex(-1);
OptEngg.setSelectedIndex(-1);
OptInfo.setSelectedIndex(-1);
OptMedia.setSelectedIndex(-1);
OptMedi.setSelectedIndex(-1);
OptSci.setSelectedIndex(-1);
OptComm.setEnabled(false);
OptComp.setEnabled(false);
OptDef.setEnabled(false);
OptEngg.setEnabled(false);
OptInfo.setEnabled(false);
OptMedia.setEnabled(false);
OptMedi.setEnabled(false);
OptSci.setEnabled(false);
jComboBox1.setEnabled(false);
jComboBox2.setEnabled(false);
jComboBox3.setEnabled(false);
jTextField1.setEnabled(false);
jTextField2.setEnabled(false);
jTextField3.setEnabled(false);
jTextField4.setEnabled(false);
jTextField5.setEnabled(false);
RBComm.setEnabled(false);
RBComp.setEnabled(false);
RBDef.setEnabled(false);
```

```
RBEgg.setEnabled(false);  
RBInfo.setEnabled(false);  
RBMedia.setEnabled(false);  
RBMedi.setEnabled(false);  
RBSci.setEnabled(false);  
jButton3.setEnabled(false);
```

### **Coding:**

- **Code for "Fetch Details" Button**

```
jComboBox1.setEnabled(true);  
jComboBox2.setEnabled(true);  
jComboBox3.setEnabled(true);  
jTextField1.setEnabled(true);  
jTextField2.setEnabled(true);  
jTextField3.setEnabled(true);  
jTextField4.setEnabled(true);  
jTextField5.setEnabled(true);  
RBComm.setEnabled(true);  
RBComp.setEnabled(true);  
RBDef.setEnabled(true);  
RBEgg.setEnabled(true);  
RBInfo.setEnabled(true);  
RBMedia.setEnabled(true);  
RBMedi.setEnabled(true);  
RBSci.setEnabled(true);
```

```

jButton3.setEnabled(true);

try{
    Class.forName("java.sql.DriverManager");
    Connection con= DriverManager.getConnection ("jdbc:mysql: // localhost:
3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");

    String AadharNo, sql;
    AadharNo=jTextField6.getText();
    sql="select * from Student_Registration where AadharNo=" +AadharNo;
    Statement st =con.createStatement();
    ResultSet rs =st.executeQuery(sql);
    if(!rs.next())
        JOptionPane.showMessageDialog(null,"No such Record.");
    else{
        jTextField1.setText(rs.getString("FirstName"));
        jTextField2.setText(rs.getString("EmailID"));
        jTextField3.setText(rs.getString("LastName"));
        jTextField4.setText(rs.getString("Father_or_MotherName"));
        jTextField5.setText(rs.getString("MobileNo"));
        jComboBox1.setSelectedItem(rs.getString("SchoolName"));
        jComboBox2.setSelectedItem(rs.getString("Class"));
        jComboBox3.setSelectedItem(rs.getString("Gender"));
        jLabel12.setText(rs.getString("Session1"));
        jLabel13.setText(rs.getString("Session2"));
        jLabel15.setText(rs.getString("Session3"));
        jLabel18.setText(rs.getString("Session4"));
    }
}

```

```

    }
}
catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}

```

- **Code for "Save & Submit" Button**

```

if((RBComm.isSelected() || RBComp.isSelected()) && (RBDef.isSelected() ||
RBEngg.isSelected()) && (RBInfo.isSelected() || RBMedia.isSelected()) &&
(RBMedi.isSelected() || RBSci.isSelected()) && jTextField1.getText().length()!=0 &&
jTextField2.getText().length()!=0 && jTextField3.getText().length()!=0 &&
jTextField4.getText().length()!=0 && jTextField5.getText().length()==10 &&
jTextField6.getText().length()==12 && jComboBox1.getSelectedIndex()!=-1 &&
jComboBox2.getSelectedIndex()!=-1 &&jComboBox3.getSelectedIndex()!=-1)

{String SchoolName, AadharNo, FirstName, LastName, CLass, Gender,
Father_or_MotherName, EmailID, MobileNo, Session1 ="NULL", Session2="NULL",
Session3="NULL", Session4="NULL";

SchoolName= jComboBox1.getSelectedItem().toString();
AadharNo= jTextField6.getText();
FirstName= jTextField1.getText();
LastName= jTextField3.getText();
CLass= jComboBox2.getSelectedItem().toString();
Gender= jComboBox3.getSelectedItem().toString();
Father_or_MotherName= jTextField4.getText();
EmailID= jTextField2.getText();
MobileNo= jTextField5.getText();

```

```

{if(RBComm.isSelected())
{if(OptComm.getSelectedItem()=="CA")
    Session1="Comm - CA";
else if(OptComm.getSelectedItem()=="CS")
    Session1="Comm - CS";
else if(OptComm.getSelectedItem()=="Entrepreneurship")
    Session1="Comm - Entrepreneurship";
}
else if(RBComp.isSelected())
{if(OptComp.getSelectedItem()=="CAT")
    Session1="Comp - CAT";
else if(OptComp.getSelectedItem()=="Civil Services")
    Session1="Comp - Civil Services";
else if(OptComp.getSelectedItem()=="CLAT")
    Session1="Comp - CLAT";
}
}
{if(RBDef.isSelected())
{if(OptDef.getSelectedItem()=="Aviation")
    Session2="Def - Aviation";
else if(OptDef.getSelectedItem()=="Merchant Navy")
    Session2="Def - Merchant Navy";
else if(OptDef.getSelectedItem()=="NDA")
    Session2="Def - NDA";
}
}

```



```

else if(RBEngg.isSelected())
{
    if(OptEngg.getSelectedItem()=="Automobile Engg.")
        Session2="Engg - Automobile Engg.";
    else if(OptEngg.getSelectedItem()=="Electrical Engg.")
        Session2="Engg - Electrical Engg.";
    else if(OptEngg.getSelectedItem()=="Mechanical Engg.")
        Session2="Engg - Mechanical Engg.";
}
}

{
    if(RBInfo.isSelected())
    {
        if(OptInfo.getSelectedItem()=="Cyber Law")
            Session3="Info - Cyber Law";
        else if(OptInfo.getSelectedItem()=="Multimedia")
            Session3="Info - Multimedia";
        else if(OptInfo.getSelectedItem()=="Networking")
            Session3="Info - Networking";
    }
}

else if(RBMedia.isSelected())
{
    if(OptMedia.getSelectedItem()=="Advertising")
        Session3="Media - Advertising";
    else if(OptMedia.getSelectedItem()=="Anchoring")
        Session3="Media - Anchoring";
    else if(OptMedia.getSelectedItem()=="Photography")
        Session3="Media - Photography";
}
}

```

```

}
{if(RBMedi.isSelected())
{if(OptMedi.getSelectedItem()=="Pharmacy")
    Session4="Medi - Pharmacy";
else if(OptMedi.getSelectedItem()=="Physiotherapy")
    Session4="Medi - Physiotherapy";
else if(OptMedi.getSelectedItem()=="Rehabilitation")
    Session4="Medi - Rehabilitation";
}
else if(RBSci.isSelected())
{if(OptSci.getSelectedItem()=="Acturial Science")
    Session4="Sci - Acturial Science";
else if(OptSci.getSelectedItem()=="Genetic Science")
    Session4="Sci - Genetic Science";
else if(OptSci.getSelectedItem()=="Nuclear Science")
    Session4="Sci - Nuclear Science";
}
}
try{
    Class.forName("java.sql.DriverManager");

    Connection con= DriverManager.getConnection ("jdbc:mysql://localhost:
    3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");

    String sql;

```

```
sql="update Student_Registration set SchoolName='"+SchoolName+"',
FirstName='"+ FirstName+"', LastName='"+LastName+"', Class='"+Class+"',
Gender='"+Gender+"', Father_or_MotherName='"+Father_or_MotherName+"',
EmailID='"+EmailID+"', MobileNo='"+MobileNo+"', Session1='"+Session1+"',
Session2='"+Session2+"', Session3='"+Session3+"', Session4='"+Session4+" where
AadharNo="+AadharNo;
```

```
Statement st =con.createStatement();
```

```
st.executeUpdate(sql);
```

```
JOptionPane.showMessageDialog(null,"Entry Updated Successfully");
```

```
}
```

```
catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}
```

```
}
```

```
else
```

```
JOptionPane.showMessageDialog(null,"Please Note!!"+"\\n It is compulsory to select
any one category in each session."+"\\nAlso It is compulsory to fill all the '*' marked
fields"+"\\nAlso Aadhar No. should be of exactly 12 digits and Mobile No. of exactly
10 digits.");
```

- **Code for “Cancel And Back to Main Menu” Button**

```
Menu_Bar obj= new Menu_Bar();
```

```
obj.setVisible(true);
```

```
this.dispose();
```

- Code for "Clear All Entries" Button

```
RBComm.setSelected(false);
```

```
RBComp.setSelected(false);
```

```
RBDef.setSelected(false);
```

```
RBEngg.setSelected(false);
```

```
RBInfo.setSelected(false);
```

```
RBMedia.setSelected(false);
```

```
RBMedi.setSelected(false);
```

```
RBSci.setSelected(false);
```

```
jTextField1.setText("");
```

```
jTextField2.setText("");
```

```
jTextField3.setText("");
```

```
jTextField4.setText("");
```

```
jTextField5.setText("");
```

```
jTextField6.setText("");
```

```
jComboBox1.setSelectedIndex(-1);
```

```
jComboBox2.setSelectedIndex(-1);
```

```
jComboBox3.setSelectedIndex(-1);
```

```
OptComm.setSelectedIndex(-1);
```

```
OptComp.setSelectedIndex(-1);
```

```
OptDef.setSelectedIndex(-1);  
  
OptEngg.setSelectedIndex(-1);  
  
OptInfo.setSelectedIndex(-1);  
  
OptMedia.setSelectedIndex(-1);  
  
OptMedi.setSelectedIndex(-1);  
  
OptSci.setSelectedIndex(-1);  
  
OptComm.setEnabled(false);  
  
OptComp.setEnabled(false);  
  
OptDef.setEnabled(false);  
  
OptEngg.setEnabled(false);  
  
OptInfo.setEnabled(false);  
  
OptMedia.setEnabled(false);  
  
OptMedi.setEnabled(false);  
  
OptSci.setEnabled(false);  
  
jLabel12.setText("");  
  
jLabel13.setText("");  
  
jLabel15.setText("");  
  
jLabel18.setText("");
```

- **Code for "Commerce" RadioButton (RBCommAction Performed)**

```
OptComm.setEnabled(true);
```

OptComp.setEnabled(false);

- **Code for "Comp...Exams" RadioButton (RBCompAction Performed)**

OptComp.setEnabled(true);

OptComm.setEnabled(false);

- **Code for "Defence" RadioButton (RBDefAction Performed)**

OptDef.setEnabled(true);

OptEngg.setEnabled(false);

- **Code for "Engineering" RadioButton (RBEnggAction Performed)**

OptEngg.setEnabled(true);

OptDef.setEnabled(false);

- **Code for "Info...ology" RadioButton (RBInfoAction Performed)**

OptInfo.setEnabled(true);

OptMedia.setEnabled(false);

- **Code for "Media" RadioButton (RBMediaAction Performed)**

OptMedia.setEnabled(true);

OptInfo.setEnabled(false);

- **Code for "Medical" RadioButton (RBMediAction Performed)**

OptMedi.setEnabled(true);

OptSci.setEnabled(false);

- **Code for "Sciences" RadioButton (RBSciAction Performed)**

OptSci.setEnabled(true);

OptMedi.setEnabled(false);

# UPDATE SCHOOL'S REGISTRATION

## Design Window

**UPDATE SCHOOL REGISTRATION**

Email ID\*

**Modify Registration Information**

Name of School\*

Address\*

Type Of Board\*

Phone No.\*

Sessions Previously Selected :- Session1 - Session2 -  
Session3 - Session4 -

**Re-enter Required Sessions Again**

Session 1  
☐ Commerce  ☐ Competitive Exams

Session 2  
☐ Defence Services  ☐ Engineering

Session 3  
☐ Info. Technology  ☐ Media

Session 4  
☐ Medical  ☐ Sciences

Note:- \*\* marked field should be compulsarily filled.

## Output Window

**UPDATE SCHOOL REGISTRATION**

Email ID\* tagorepublicschool2002@gmail.com

**Modify Registration Information**

Name of School\* Tagore Public School

Address\* Sec - 11 Near A.U Finance Bank Branch Pratap Nagar Jaipur

Type Of Board\* CBSE

Phone No.\* 2778987

Sessions Previously Selected :- Session1 - Comm - CA Session2 - Def - NDA  
Session3 - Media - Photography Session4 - Sci - Genetic Science

**Re-enter Required Sessions Again**

Session 1  
☒ Commerce CS ☐ Competitive Exams

Session 2  
☒ Defence Services NDA ☐ Engineering

Session 3  
☐ Info. Technology ☒ Media Photography

Session 4  
☐ Medical ☒ Sciences Genetic Science

Note:- \*\* marked field should be compulsarily filled.

Message

Entry Updated Successfully

## **Specifications:**

- **Imports**

```
import javax.swing.JOptionPane;
```

```
import java.sql.*;
```

- **Init Components**

```
jTextField1.setText("");
```

```
jTextField2.setText("");
```

```
jTextField5.setText("");
```

```
jTextField6.setText("");
```

```
RBComp.setSelected(false);
```

```
RBDDef.setSelected(false);
```

```
RBEgg.setSelected(false);
```

```
RBInfo.setSelected(false);
```

```
RBMedia.setSelected(false);
```

```
RBMedi.setSelected(false);
```

```
RBSci.setSelected(false);
```

```
jComboBox2.setSelectedIndex(-1);
```

```
OptComm.setSelectedIndex(-1);
```

```
OptComp.setSelectedIndex(-1);
```

```
OptDef.setSelectedIndex(-1);
```

```
OptEgg.setSelectedIndex(-1);
```

```
OptInfo.setSelectedIndex(-1);
```

```
OptMedia.setSelectedIndex(-1);
```

```
OptMedi.setSelectedIndex(-1);
```



```
OptSci.setSelectedIndex(-1);  
OptComm.setEnabled(false);  
OptComp.setEnabled(false);  
OptDef.setEnabled(false);  
OptEngg.setEnabled(false);  
OptInfo.setEnabled(false);  
OptMedia.setEnabled(false);  
OptMedi.setEnabled(false);  
OptSci.setEnabled(false);  
jComboBox2.setEnabled(false);  
jTextField1.setEnabled(false);  
jTextField6.setEnabled(false);  
jTextField5.setEnabled(false);  
RBComm.setEnabled(false);  
RBComp.setEnabled(false);  
RBDef.setEnabled(false);  
REngg.setEnabled(false);  
RInfo.setEnabled(false);  
RMedia.setEnabled(false);  
RMedi.setEnabled(false);  
RSci.setEnabled(false);  
jButton3.setEnabled(false);
```

## Coding:

- Code for "Fetch Details" Button

```
jComboBox2.setEnabled(true);
jTextField1.setEnabled(true);
jTextField6.setEnabled(true);
jTextField5.setEnabled(true);
RBComm.setEnabled(true);
RBComp.setEnabled(true);
RBDef.setEnabled(true);
REngg.setEnabled(true);
RInfo.setEnabled(true);
RMedia.setEnabled(true);
RMedi.setEnabled(true);
RSci.setEnabled(true);
jButton3.setEnabled(true);
try{
    Class.forName("java.sql.DriverManager");
    Connection con= DriverManager.getConnection ("jdbc:mysql://localhost:
3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");
    String EmailID, sql;
    EmailID=jTextField2.getText();
    sql="select * from School_Registration where EmailID='"+EmailID+"'";
    Statement st =con.createStatement();
    ResultSet rs =st.executeQuery(sql);
```

```

        if(!rs.next())
            JOptionPane.showMessageDialog(null,"No such Record.");
        else{
            jTextField1.setText(rs.getString("SchoolName"));
            jTextField6.setText(rs.getString("Address"));
            jTextField5.setText(rs.getString("PhoneNo"));
            jComboBox2.setSelectedItem(rs.getString("Type_of_Board"));
            jLabel12.setText(rs.getString("Session1"));
            jLabel13.setText(rs.getString("Session2"));
            jLabel15.setText(rs.getString("Session3"));
            jLabel18.setText(rs.getString("Session4"));
        }
    }
    catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}

```

- **Code for "Save & Submit" Button**

```

if((RBComm.isSelected() || RBComp.isSelected()) && (RBDef.isSelected() ||
RBEngg.isSelected()) && (RBInfo.isSelected() || RBMedia.isSelected()) &&
(RBMedi.isSelected() || RBSci.isSelected()) && jTextField1.getText().length()!=0 &&
jTextField2.getText().length()!=0 && jTextField5.getText().length()==7 &&
jTextField6.getText().length()!=0 && jComboBox2.getSelectedIndex()!=-1)

{String SchoolName, Address, Type_of_Board, EmailID, PhoneNo, Session1="NULL",
Session2="NULL", Session3="NULL", Session4="NULL";

SchoolName= jTextField1.getText();
Address= jTextField6.getText();

```

```

Type_of_Board= jComboBox2.getSelectedItem().toString();
EmailID= jTextField2.getText();
PhoneNo= jTextField5.getText();
{if(RBComm.isSelected())
{if(OptComm.getSelectedItem()=="CA")
    Session1="Comm - CA";
else if(OptComm.getSelectedItem()=="CS")
    Session1="Comm - CS";
else if(OptComm.getSelectedItem()=="Entrepreneurship")
    Session1="Comm - Entrepreneurship";
}
else if(RBComp.isSelected())
{if(OptComp.getSelectedItem()=="CAT")
    Session1="Comp - CAT";
else if(OptComp.getSelectedItem()=="Civil Services")
    Session1="Comp - Civil Services";
else if(OptComp.getSelectedItem()=="CLAT")
    Session1="Comp - CLAT";
}
}
{if(RBDef.isSelected())
{if(OptDef.getSelectedItem()=="Aviation")
    Session2="Def - Aviation";
else if(OptDef.getSelectedItem()=="Merchant Navy")
    Session2="Def - Merchant Navy";
else if(OptDef.getSelectedItem()=="NDA")

```

```

    Session2="Def - NDA";
}
else if(RBEngg.isSelected())
{if(OptEngg.getSelectedItem()=="Automobile Engg.")
    Session2="Engg - Automobile Engg.";
else if(OptEngg.getSelectedItem()=="Electrical Engg.")
    Session2="Engg - Electrical Engg.";
else if(OptEngg.getSelectedItem()=="Mechanical Engg.")
    Session2="Engg - Mechanical Engg.";
}
}
{if(RBInfo.isSelected())
{if(OptInfo.getSelectedItem()=="Cyber Law")
    Session3="Info - Cyber Law";
else if(OptInfo.getSelectedItem()=="Multimedia")
    Session3="Info - Multimedia";
else if(OptInfo.getSelectedItem()=="Networking")
    Session3="Info - Networking";
}
else if(RBMedia.isSelected())
{if(OptMedia.getSelectedItem()=="Advertising")
    Session3="Media - Advertising";
else if(OptMedia.getSelectedItem()=="Anchoring")
    Session3="Media - Anchoring";
else if(OptMedia.getSelectedItem()=="Photography")
    Session3="Media - Photography";
}
}

```

```

}
}
{if(RBMedi.isSelected())
{if(OptMedi.getSelectedItem()=="Pharmacy")
    Session4="Medi - Pharmacy";
else if(OptMedi.getSelectedItem()=="Physiotherapy")
    Session4="Medi - Physiotherapy";
else if(OptMedi.getSelectedItem()=="Rehabilitation")
    Session4="Medi - Rehabilitation";
}
else if(RBSci.isSelected())
{if(OptSci.getSelectedItem()=="Acturial Science")
    Session4="Sci - Acturial Science";
else if(OptSci.getSelectedItem()=="Genetic Science")
    Session4="Sci - Genetic Science";
else if(OptSci.getSelectedItem()=="Nuclear Science")
    Session4="Sci - Nuclear Science";
}
}
try{
    Class.forName("java.sql.DriverManager");
    Connection con=DriverManager.getConnection ("jdbc:mysql://localhost:
3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");
    String sql;
    sql="update School_Registration set SchoolName='"+SchoolName+"',
    Address='"+Address+"', Type_of_Board='"+Type_of_Board+"',

```

```

PhoneNo="" + PhoneNo + "", Session1="" + Session1 + "", Session2="" + Session2 + "",
Session3="" + Session3 + "", Session4="" + Session4 + "" where EmailID="" + EmailID + """;

Statement st = con.createStatement();

st.executeUpdate(sql);

JOptionPane.showMessageDialog(null, "Entry Updated Successfully");
}
catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}
}
else

JOptionPane.showMessageDialog(null, "Please Note!!" + "\nIt is compulsory to
select any one category in each session." + "\nAlso It is compulsory to fill all the '*'
marked fields" + "\nAlso the Phone No. should be exactly 7 digits long.");

```

- **Code for "Cancel And Back to Main Menu" Button**

```

Menu_Bar obj= new Menu_Bar();

obj.setVisible(true);

this.dispose();

```

- **Code for "Clear All Entries" Button**

```

RBComm.setSelected(false);
RBComp.setSelected(false);
RBDef.setSelected(false);
RBEngg.setSelected(false);
RBInfo.setSelected(false);
RBMedia.setSelected(false);
RBMedi.setSelected(false);
RBSci.setSelected(false);

```

```
jTextField1.setText("");
jTextField2.setText("");
jTextField5.setText("");
jTextField6.setText("");
jComboBox2.setSelectedIndex(-1);
OptComm.setSelectedIndex(-1);
OptComp.setSelectedIndex(-1);
OptDef.setSelectedIndex(-1);
OptEngg.setSelectedIndex(-1);
OptInfo.setSelectedIndex(-1);
OptMedia.setSelectedIndex(-1);
OptMedi.setSelectedIndex(-1);
OptSci.setSelectedIndex(-1);
OptComm.setEnabled(false);
OptComp.setEnabled(false);
OptDef.setEnabled(false);
OptEngg.setEnabled(false);
OptInfo.setEnabled(false);
OptMedia.setEnabled(false);
OptMedi.setEnabled(false);
OptSci.setEnabled(false);
jLabel12.setText("");
jLabel13.setText("");
jLabel15.setText("");
jLabel18.setText("");
```



- Code for "Commerce" RadioButton (RBCommAction Performed)  
 OptComm.setEnabled(true);  
 OptComp.setEnabled(false);
- Code for "Comp...Exams" RadioButton (RBCompAction Performed)  
 OptComp.setEnabled(true);  
 OptComm.setEnabled(false);
- Code for "Defence" RadioButton (RBDefAction Performed)  
 OptDef.setEnabled(true);  
 OptEngg.setEnabled(false);
- Code for "Engineering" RadioButton (RBEnggAction Performed)  
 OptEngg.setEnabled(true);  
 OptDef.setEnabled(false);
- Code for "Info...ology" RadioButton (RBInfoAction Performed)  
 OptInfo.setEnabled(true);  
 OptMedia.setEnabled(false);
- Code for "Media" RadioButton (RBMediaAction Performed)  
 OptMedia.setEnabled(true);  
 OptInfo.setEnabled(false);
- Code for "Medical" RadioButton (RBMediAction Performed)  
 OptMedi.setEnabled(true);  
 OptSci.setEnabled(false);
- Code for "Sciences" RadioButton (RBSciAction Performed)  
 OptSci.setEnabled(true);  
 OptMedi.setEnabled(false);

# DELETE STUDENT'S REGISTRATION

## Design Window



The Design Window is a Java Swing window titled "DELETE STUDENT REGISTRATION". It features a light gray background and a dark red title bar with standard window controls. The main content area contains a label "Enter Aadhar No.\*" followed by a text input field. Below the input field, there are three buttons: "Cancel And Back to Main Menu", "Delete Registration", and "Clear".

## Output Window



The Output Window shows the application running. The "DELETE STUDENT REGISTRATION" window is displayed with the text "230140001601" entered in the Aadhar number field. A "Message" dialog box is overlaid on top, displaying an information icon and the text "Registration Deleted Successfully." with an "OK" button.

## Specifications:

- Imports

```
import javax.swing.JOptionPane;  
import java.sql.*;
```

## Coding:

- Code for "Delete Registration" Button

```
if(jTextField1.getText().length()==12)
{
    try{
        Class.forName("java.sql.DriverManager");
        Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");

        String AadharNo, sql;
        AadharNo=jTextField1.getText();
        sql="delete from Student_Registration where AadharNo=" +AadharNo;
        Statement st =con.createStatement();
        st.executeUpdate(sql);
        JOptionPane.showMessageDialog(null,"Registration Deleted Successfully.");
    }
    catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}
}
else
{JOptionPane.showMessageDialog(null,"Aadhar No. should be exactly 12 digits long. Enter a valid Aadhar No.");}
```

- Code for "Cancel And Back to Main Menu" Button

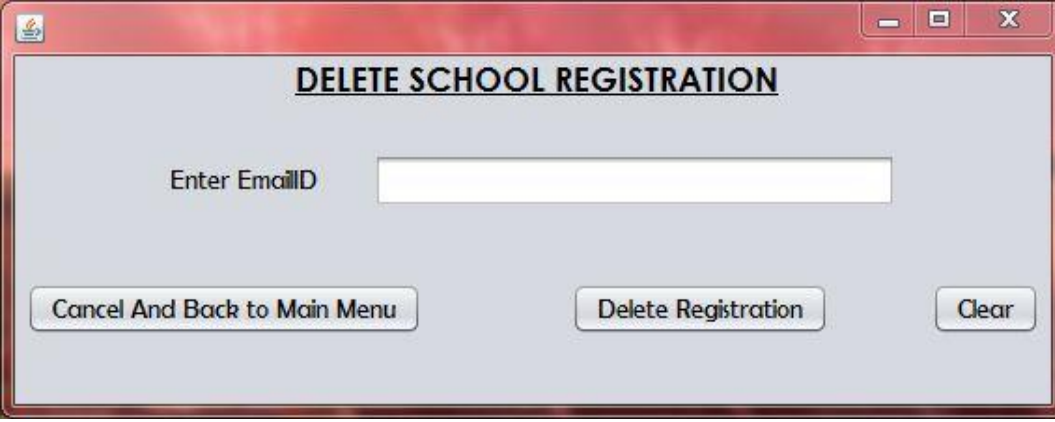
```
Menu_Bar obj =new Menu_Bar();
obj.setVisible(true);
this.dispose();
```

- Code for "Exit" Button

```
jTextField1.setText("");
```

# DELETE SCHOOL'S REGISTRATION

## Design Window



The Design Window is a Java Swing window titled "DELETE SCHOOL REGISTRATION". It features a light gray background and a red title bar with standard window controls. The window contains a text input field labeled "Enter EmailID". Below the input field are three buttons: "Cancel And Back to Main Menu", "Delete Registration", and "Clear".

## Output Window



The Output Window shows the "DELETE SCHOOL REGISTRATION" window with the email "lbsis1990@gmail.com" entered in the "Enter EmailID" field. A message dialog box is displayed in the foreground, titled "Message", with an information icon and the text "Registration Deleted Successfully." and an "OK" button.

## Specifications:

- Imports

```
import javax.swing.JOptionPane;
```

```
import java.sql.*;
```

## Coding:

- Code for "Delete Registration" Button

```
try{
    Class.forName("java.sql.DriverManager");
    Connection con=DriverManager.getConnection("jdbc:mysql://localhost:
3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");

    String EmailID, sql;
    EmailID=jTextField1.getText();
    sql="delete from School_Registration where EmailID='"+EmailID+"'";
    Statement st =con.createStatement();
    st.executeUpdate(sql);
    JOptionPane.showMessageDialog(null,"Registration Deleted Successfully.");
}
catch(Exception e){JOptionPane.showMessageDialog(null,e.getMessage());}
```

- Code for "Cancel And Back to Main Menu" Button

```
Menu_Bar obj =new Menu_Bar();
obj.setVisible(true);
this.dispose();
```

- Code for "Exit" Button

```
jTextField1.setText("");
```

# VIEW REGISTERED ENTRIES

## Design Window

VIEW REGISTERED ENTRIES

Select Category

☐ Student Registrations ☐ School Registrations

Generate Table Columns

Cancel And Back to Main Menu Display Entries Clear

## Output Window (Table Generation 1)

VIEW REGISTERED ENTRIES

Select Category

☒ Student Registrations ☐ School Registrations

Generate Table Columns

School Name	Aadhar No.	First Name	Last Name	Class	Gender	Father or Mother...	Email ID	Mobile No.	Session 1	Session 2	Session 3	Session 4
-------------	------------	------------	-----------	-------	--------	---------------------	----------	------------	-----------	-----------	-----------	-----------

Cancel And Back to Main Menu Display Entries Clear

## Output Window (Table Generation 2)

VIEW REGISTERED ENTRIES

Select Category

☐ Student Registrations ☒ School Registrations

Generate Table Columns

School Name	Address	Type_of_Board	Email ID	Phone No.	Session 1	Session 2	Session 3	Session 4
-------------	---------	---------------	----------	-----------	-----------	-----------	-----------	-----------

Cancel And Back to Main Menu Display Entries Clear

## Output Window (Display Records 1)

VIEW REGISTERED ENTRIES

Select Category

☒ Student Registrations ☐ School Registrations

Generate Table Columns

School Name	Aadhar No.	First Name	Last Name	Class	Gender	Father or Mother Name	Email ID	Mobile No.	Session 1	Session 2	Session 3	Session 4
Maheshwari Public School, B...	112434345890	Rahul	Shama	10th	Male	Ramesh Sharma	rahul009@gmail.com	9414348641	Comm - CA	Def - NDA	Info - Cyber Law	Medi - Pharmacy
Jayshree Padiwal High School	132634845880	Vivek	Gautam	11th	Male	Rahul Gautam	vivekg23@gmail.com	9414243454	Comm - CA	Engg - Electrical Engg.	Media - Anchoring	Medi - Pharmacy
Maheshwari Public School, P...	160123448567	Yash	Purohit	12th	Male	Gulab Chand Pareek	yashpurohit047@g...	9414344641	Comm - CS	Engg - Automobile E...	Info - Multimedia	Sci - Nuclear Scie...
Jayshree Padiwal High School	162334947680	Rohit	Gupta	12th	Male	Ashish Gupta	abhishek1981@gm...	7627347893	Comm - CS	Def - NDA	Media - Advertising	Medi - Rehabilitation

Cancel And Back to Main Menu Display Entries Clear

## Output Window (Display Records 1)

School Name	Address	Type_of_Board	Email ID	Phone No.	Session 1	Session 2	Session 3	Session 4
IIS School	Sitapura Ind. Area Jaipur	CBSE	iis2003@gmail.com	2347633	Comm - CA	Def - NDA	Media - Anchoring	Medi - Physiotherapy
LBS International School	Sec - 13 Rajat Path Ma...	CBSE	lbsis1990@gmail.com	2345654	Comm - CA	Def - NDA	Info - Cyber Law	Medi - Pharmacy
SRN International Sch...	Sec - 13 Jagatpura Ro...	CBSE	srnis1997@gmail.com	2745634	Comm - CS	Def - Aviation	Media - Anchoring	Medi - Pharmacy
Tagore Public School	Sec - 11 Near AU Fina...	CBSE	tagorepublicschool200...	2778987	Comm - CS	Def - NDA	Media - Photography	Sci - Genetic Science

### Specifications:

- Imports

```
import javax.swing.JOptionPane;  
import java.sql.*;  
import javax.swing.table.DefaultTableModel;
```

### Coding:

- Code for "Generate Table Columns" Button

```
if(jRadioButton1.isSelected())  
{jTable2.setModel(new javax.swing.table.DefaultTableModel(  
    new Object [][] {  
        {null, null, null, null, null, null, null, null, null, null, null, null},  
        {null, null, null, null, null, null, null, null, null, null, null, null},  
        {null, null, null, null, null, null, null, null, null, null, null, null},  
        {null, null, null, null, null, null, null, null, null, null, null, null}  
    },  
    new String [] {
```

```
"School Name", "Aadhar No.", "First Name", "Last Name", "Class", "Gender",  
"Father or Mother Name", "Email ID", "Mobile No.", "Session 1", "Session 2", "Session  
3", "Session 4"
```

```
}
```

```
));
```

```
}
```

```
else if(jRadioButton2.isSelected())
```

```
{jTable2.setModel(new javax.swing.table.DefaultTableModel(  
new Object [][] {
```

```
new Object [][] {
```

```
{null, null, null, null, null, null, null, null, null},
```

```
{null, null, null, null, null, null, null, null, null},
```

```
{null, null, null, null, null, null, null, null, null},
```

```
{null, null, null, null, null, null, null, null, null}
```

```
},
```

```
new String [] {
```

```
"School Name", "Address", "Type_of_Board", "Email ID", "Phone No.", "Session  
1", "Session 2", "Session 3", "Session 4"
```

```
}
```

```
));
```

```
}
```

- **Code for "Display Entries" Button**

```
if(jRadioButton1.isSelected()){
```

```
try{
```

```
Class.forName("java.sql.DriverManager");
```

```
Connection con=DriverManager.getConnection("jdbc:mysql://localhost:  
3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");
```



```
String SchoolName, AadharNo, FirstName, LastName, CLass, Gender,  
Father_or_MotherName, EmailID, MobileNo, Session1, Session2, Session3, Session4,  
sql;
```

```
sql="select * from Student_Registration";
```

```
Statement st =con.createStatement();
```

```
ResultSet rs= st.executeQuery(sql);
```

```
DefaultTableModel model=(DefaultTableModel) jTable2.getModel();
```

```
int rows =model.getRowCount();
```

```
if(rows>0){
```

```
    for(int i=0; i<rows; i++)
```

```
        model.removeRow(0);
```

```
}
```

```
while(rs.next()){
```

```
    SchoolName=rs.getString("SchoolName");
```

```
    AadharNo=rs.getString("AadharNo");
```

```
    FirstName=rs.getString("FirstName");
```

```
    LastName=rs.getString("LastName");
```

```
    CLass=rs.getString("Class");
```

```
    Gender=rs.getString("Gender");
```

```
    Father_or_MotherName=rs.getString("Father_or_MotherName");
```

```
    EmailID=rs.getString("EmailID");
```

```
    MobileNo=rs.getString("MobileNo");
```

```
    Session1=rs.getString("Session1");
```

```
    Session2=rs.getString("Session2");
```

```
    Session3=rs.getString("Session3");
```

```
    Session4=rs.getString("Session4");
```

```

        model.addRow(new Object[] {SchoolName, AadharNo, FirstName, LastName,
        Class, Gender, Father_or_MotherName, EmailID, MobileNo, Session1, Session2,
        Session3, Session4});
    }
}
catch(Exception e){JOptionPane.showMessageDialog(null, e.getMessage());}

}
else if(jRadioButton2.isSelected()){
    try{
        Class.forName("java.sql.DriverManager");
        Connection con=DriverManager.getConnection("jdbc:mysql://localhost:
        3306/EDUFAIR_REGISTRATION_WINDOW","root","rootcap");

        String SchoolName, Address, Type_of_Board, EmailID, PhoneNo, Session1, Session2,
        Session3, Session4, sql;

        sql="select * from School_Registration";
        Statement st =con.createStatement();
        ResultSet rs= st.executeQuery(sql);
        DefaultTableModel model=(DefaultTableModel) jTable2.getModel();
        int rows =model.getRowCount();
        if(rows>0){
            for(int i=0; i<rows; i++)
                model.removeRow(0);
        }

        while(rs.next()){

```

```
SchoolName=rs.getString("SchoolName");
Address=rs.getString("Address");
Type_of_Board=rs.getString("Type_of_Board");
EmailID=rs.getString("EmailID");
PhoneNo=rs.getString("PhoneNo");
Session1=rs.getString("Session1");
Session2=rs.getString("Session2");
Session3=rs.getString("Session3");
Session4=rs.getString("Session4");

model.addRow(new Object[] {SchoolName, Address, Type_of_Board, EmailID,
PhoneNo, Session1, Session2, Session3, Session4});
```

- **Code for "Cancel And Back to Main Menu" Button**

```
Menu_Bar obj =new Menu_Bar();
obj.setVisible(true);
this.dispose();
```

- **Code for "Exit" Button**

```
jTextField1.setText("");
```

# User Manual

## ☐ Please Note:-

- ◆ The MySQL server must have username as **root** and password as **rootcap**.

If root password is any other password, it can be changed by running MySQL Server Instance Configure Wizard.

Start ▶ Program ▶ MySQL ▶ MySQL Server ▶ MySQL Server Instance Config Wizard

Provide current password of root and new password as **rootcap**, this will change the root password.

- ◆ Also Before running the project the Database should be prepared by the help of the sql file attached with the project.