



Blood Bank Management

GROUP 45

Introduction

- The Blood Management System is an application through which any person who is interested in donating blood can register himself. Moreover, if any general consumer wants to make a request for blood online he can also take the help of this application.
- The Blood Management System in java is planned to collect blood from many donors in short from various sources and distribute that blood to needy people who require blood.

Classes and their Relationships

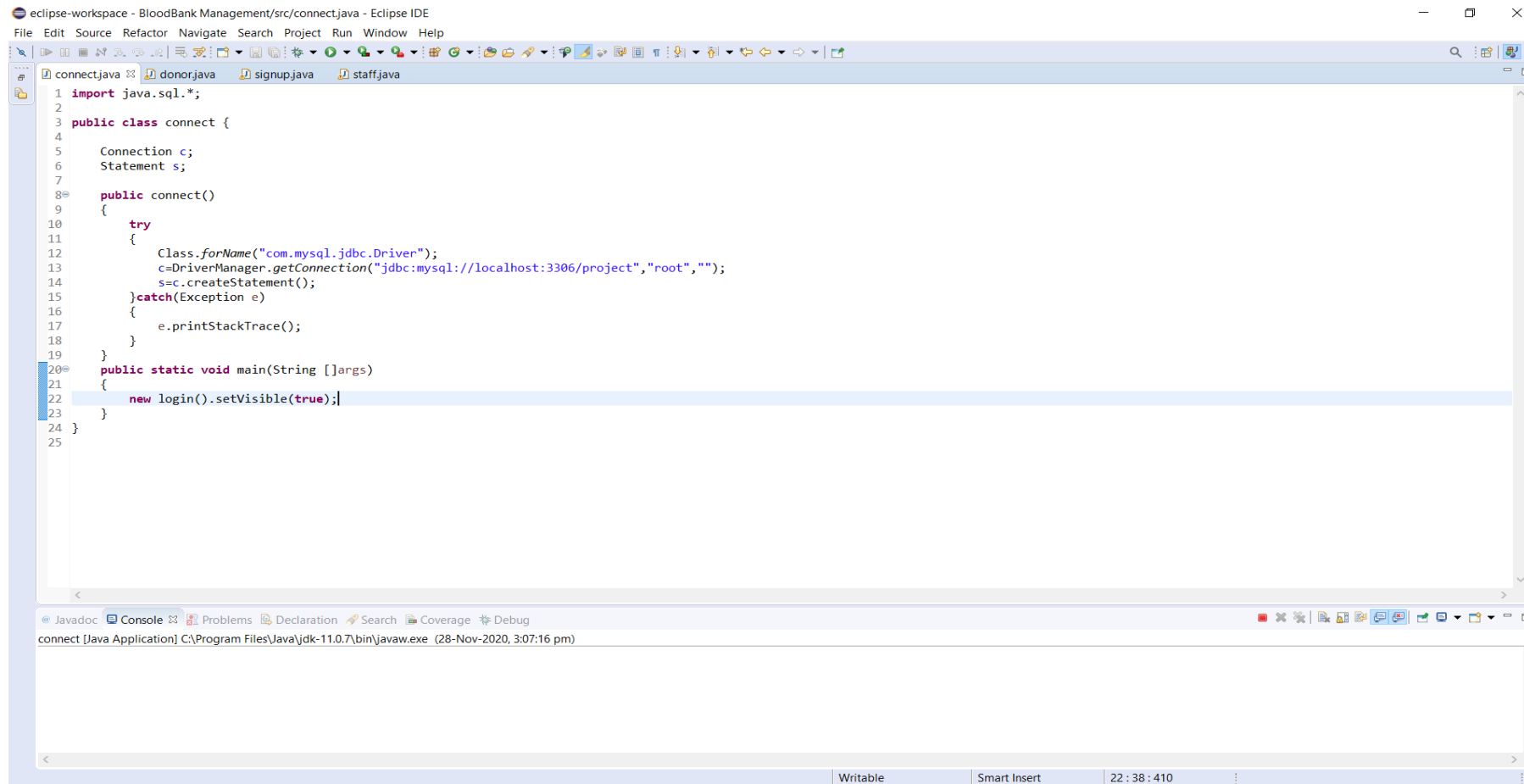
- Login
- ForgotPassword
- Signup
- StaffDetails
- DonorDetails
- RecipientDetails
- StockDetails
- ContactUsInfo

Database Tables

- Bloodbank
- Donor
- Receiver
- Staff_transaction
- user

Snippet of JDBC(Connection class)

Exception Handling



The screenshot shows the Eclipse IDE interface. The main editor window displays a Java file named `connect.java` with the following code:

```
1 import java.sql.*;
2
3 public class connect {
4     Connection c;
5     Statement s;
6
7     public connect()
8     {
9         try
10        {
11            Class.forName("com.mysql.jdbc.Driver");
12            c=DriverManager.getConnection("jdbc:mysql://localhost:3306/project","root","");
13            s=c.createStatement();
14        }catch(Exception e)
15        {
16            e.printStackTrace();
17        }
18    }
19
20    public static void main(String []args)
21    {
22        new login().setVisible(true);
23    }
24 }
25
```

The code demonstrates a JDBC connection to a MySQL database. It includes a `try` block for the connection attempt and a `catch` block for `Exception` handling, which prints the stack trace. The `main` method instantiates a `login` object and sets its visibility to `true`.

The IDE's status bar at the bottom shows the file is writable, smart insert is enabled, and the current time is 22:38:410.

Login Screen



The image shows a web browser window titled "Blood Bank Management System". The page has a solid blue background. At the top center, the text "Welcome To Blood Bank" is displayed in a large, bold, black font. Below this, on the right side, is a "User Type:" label followed by a dropdown menu currently showing "Donor". In the center, there are two input fields: the first is preceded by an "ID" label and a small dropdown arrow, and the second is preceded by a "Password:" label. Below these fields is a "Login" button. At the bottom of the page, there are three buttons: "ForgotPassword", "Signup", and "Reset", arranged horizontally.

Blood Bank Management System

Welcome To Blood Bank

User Type: Donor

ID

Password:

Login

ForgotPassword Signup Reset

Signup Screen

Blood Bank Management System

Enter SignUp Details:

Donor ▼

UserName:

DateOfBirth: YYYY ▼ MM ▼ DD ▼

Email ID:

Address:

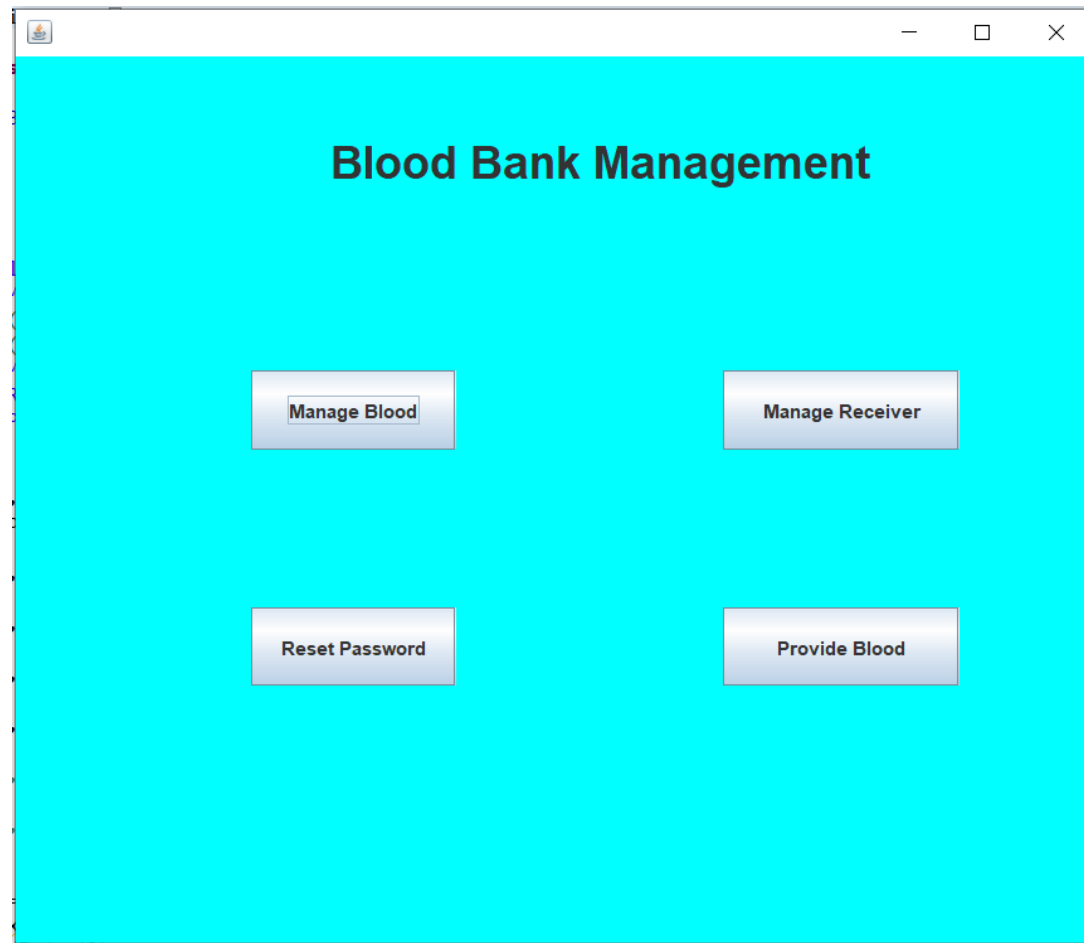
Phone Number:

Password:

Confirm Password:

Finish **Exit**

Home Screen



Project Explorer

- BloodBank Management
 - src
 - (default package)
 - connect.java
 - donor.java
 - donor
 - home_donor.java
 - home_donor
 - login.java
 - login
 - receiver.java
 - signup.java
 - signup
 - staff.java
 - staff
 - JRE System Library [JavaSE-11]
 - Referenced Libraries
 - introduction

connect.java donor.java signup.java staff.java home_donor.java

Welcome to Donor Portal

ID:

Contactnumber:

Blood Group:

Any Disease:

Quantity: ML

Finish

Writable



Thank you!