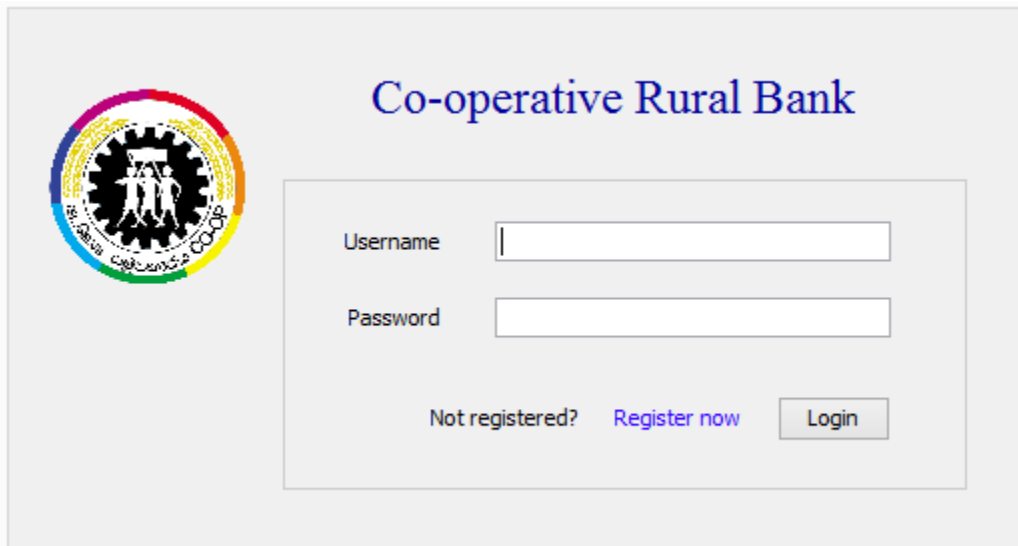


CST 243-3 Rapid Application Development (Practical)

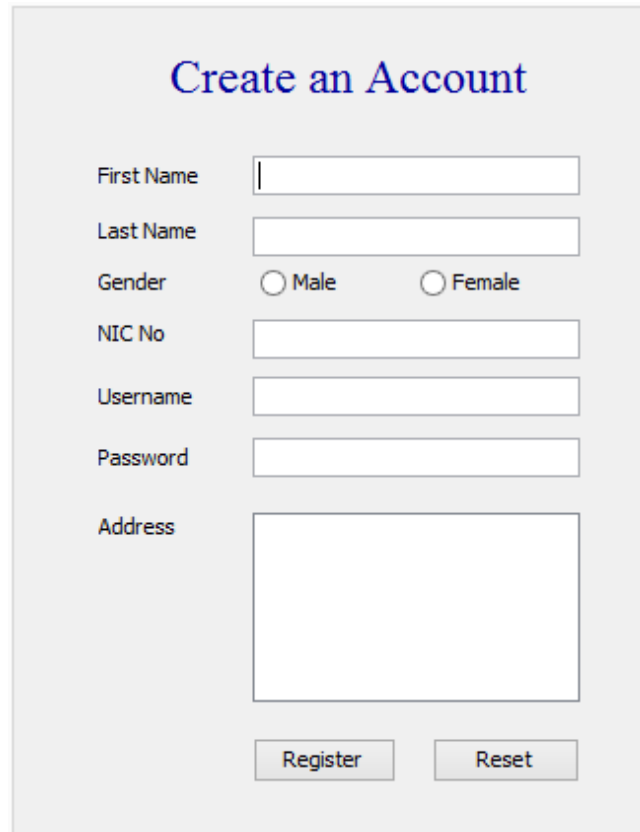
Exercise 6

1. Implement the following Java application using NetBeans IDE.
 - Create a database called **Coop** with two tables to store login information and personal details.
 - ✓ Table 1 - **user_details** (id, firstname, lastname, gender, nic, address)
 - ✓ Table 2 - **login** (id, username, password, activated)
 - In the user_details table, id is an auto increment value and in the login table, id is a foreign key that refers to the id in the user_details table.
 - Create the following interface for the Co-operative Rural Bank.



Interface 01 - User Login

- In the **Interface 01 - User Login**, username should be a text field and password should be a password field.
- When user clicks on **Register now** link, **Interface 02 - Create and Account** should be opened to create a new account.
- After user clicks on the **Register** button all the information in the interface should be saved in the **Coop** database.
- In the **Interface 02 - Create and Account**, when user clicks on the **Reset** button, all the fields should be reset to the default values.

A screenshot of a web form titled "Create an Account" in a blue serif font. The form is set against a light gray background. It contains several input fields: "First Name" (a single-line text box), "Last Name" (a single-line text box), "Gender" (two radio buttons labeled "Male" and "Female"), "NIC No" (a single-line text box), "Username" (a single-line text box), "Password" (a single-line text box), and "Address" (a larger multi-line text area). At the bottom of the form are two buttons: "Register" and "Reset", both with a light gray background and a thin border.

Create an Account

First Name

Last Name

Gender ☐ Male ☐ Female

NIC No

Username

Password


Address

Interface 02 - Create an Account


When user click on Login button in interface 01, system should check whether the entered username and password is matched with the existing details in user_details table.

- If it is matched, system should check whether the user is an active user or not.
 - If he is an active user, the **Interface 03 - Home** should be opened.
 - If not, a message should be displayed to the user "Your account is not activated. Please inform the System Administrator".
- If it is not matched, system should show an error message. (E.g. Invalid login, try with the correct username and password)


Accounts Edit View Help



New Account



Manual Approvals



Transaction Summary

Cash Deposits/Withdrawals

Transaction

Cash Deposit ▾

Account No.

Amount (Rs.)

Comment

Save

Clear

Interface 03 - Home