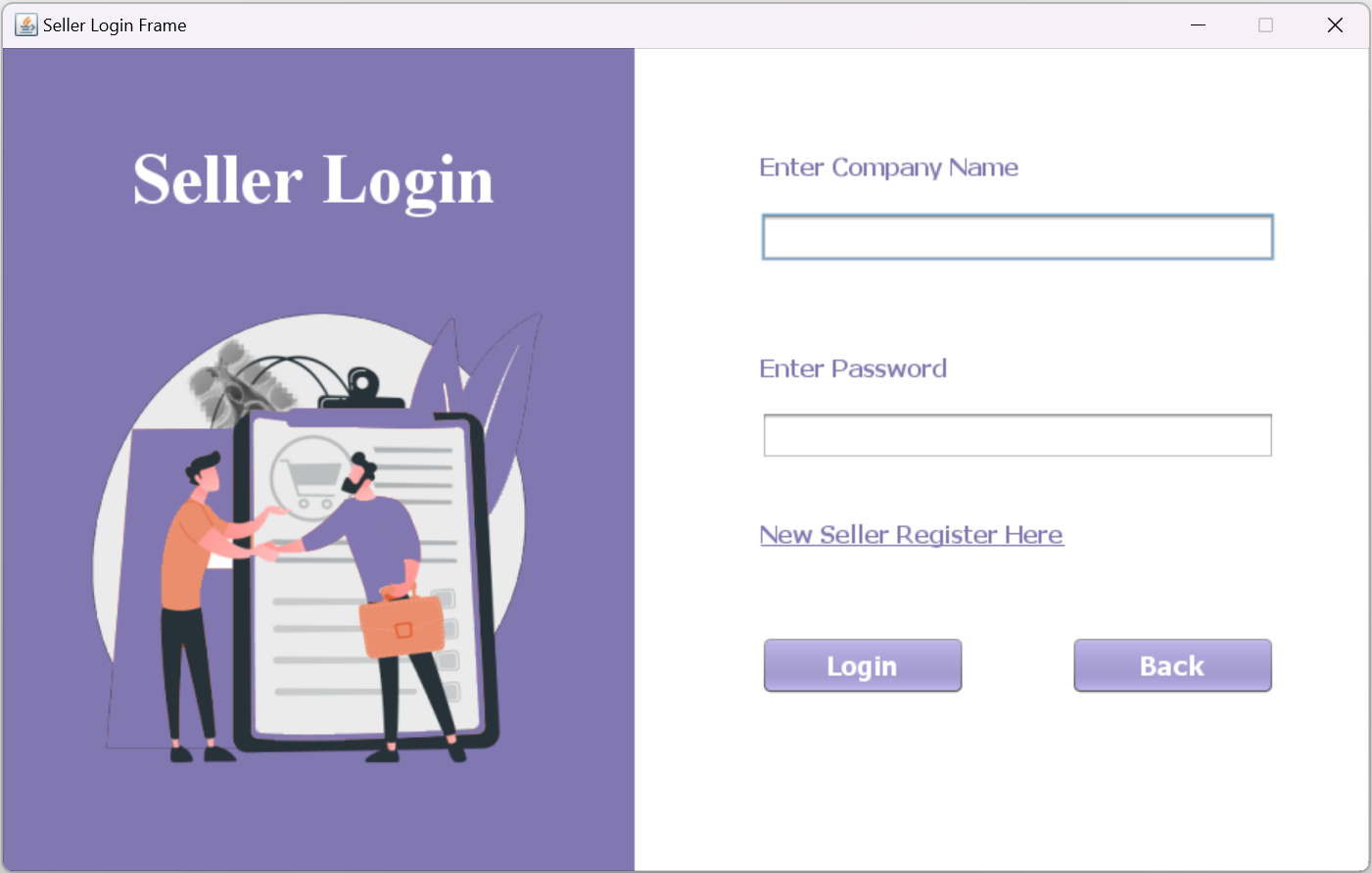
**Java SE Project**

YumXpress Application

***Seller Login Frame Documentation***

1. **Seller Login Frame -**

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**STEPS TO BE DONE IN** **SellerLoginFrame**

1. **Creating OwnerProfile POJO class**
2. In the **SellerLoginFrame** we need define following methods:
3. **Even handler for New Seller Register**
4. **validateInputs()**
5. **Event handler for Login button**
6. **validateSeller() in the CompanyDao class**
7. **Event handler for Back button**

**Coding for validateSeller() method of CompanyDao class :**

**public static CompanyPojo validateSeller(String companyName, String password) throws SQLException {**

**Connection conn = DBConnection.getConnection();**

**String qry = "Select company\_id,owner\_name from companies where company\_name=? and password=? AND status = 'ACTIVE'";**

**PreparedStatement ps = conn.prepareStatement(qry);**

**ps.setString(1, companyName);**

**ps.setString(2, password);**

**ResultSet rs = ps.executeQuery();**

**CompanyPojo seller = null;**

**if (rs.next()) {**

**seller = new CompanyPojo();**

**seller.setCompanyId(rs.getString(1));**

**seller.setOwnerName(rs.getString(2));**

**seller.setCompanyName(companyName);**

**}**

**return seller;**

**}**

**Coding for New Seller Register**

**private void lblRegisterMouseClicked(java.awt.event.MouseEvent evt) {**

**showFrame = new SellerRegisterFrame();**

**showFrame.setVisible(Boolean.TRUE);**

**this.dispose();**

**}**

**Concept for Login Button :**

We have to first **validate** all the **inputs** for that we will have the **validateInput() metho**.After **validating** the seller, we will check the given **companyName** and **password** in the **database**. If the seller does not exist then we will generate the dialog box with the error **"Login Denied"** followed by the error message **"Invalid company name or password! Try Again"** or else we will get seller details from the database like **companyId** and **ownerName** and will store in the OwnerProfile POJO and then we will open SellerOptionFrame and dispose this frame.

**Coding for Login Button :**

**private void btnLoginActionPerformed(java.awt.event.ActionEvent evt) {**

**CompanyPojo result=null;**

**if(validateInput()){**

**JOptionPane.showMessageDialog(this, "Please Fill All The Fields.", "Information", JOptionPane.INFORMATION\_MESSAGE);**

**return;**

**}**

**String companyName = txtCompanyName.getText().trim().toUpperCase();**

**char[] password = txtPassword.getPassword();**

**String pwd = PasswordEncryption.getEncryptedPassword(String.valueOf(password).trim());**

**System.out.println("company name : " + companyName + " , password : " + String.valueOf(password));**

**try {**

**result = CompanyDao.validateSeller(companyName, pwd);**

**if (result == null) {**

**JOptionPane.showMessageDialog(this, "Invalid company name or password! \nTry Again", "Login Denied!", JOptionPane.ERROR\_MESSAGE);**

**System.out.println("seller is not valid.");**

**return;**

**}**

**OwnerProfile.setCompanyId(result.getCompanyId());**

**OwnerProfile.setCompanyName(result.getCompanyName());**

**OwnerProfile.setOwnerName(result.getOwnerName());**

**showFrame = new SellerOptionFrame();**

**showFrame.setVisible(Boolean.TRUE);**

**this.dispose();**

**} catch (SQLException ex) {**

**ex.printStackTrace();**

**}**

**}**

**Coding for validateInput() method :**

**private boolean validateInput() {**

**if( txtCompanyName.getText().trim().equals("") || String.valueOf(txtPassword.getPassword()).trim().equals(""))**

**return true;**

**return false;**

**}**

**Creating OwnerProfile**

**public class OwnerProfile {**

**private static String ownerName;**

**private static String companyName;**

**private static String companyId;**

**public static String getOwnerName() {**

**return ownerName;**

**}**

**public static void setOwnerName(String ownerName) {**

**OwnerProfile.ownerName = ownerName;**

**}**

**public static String getCompanyName() {**

**return companyName;**

**}**

**public static void setCompanyName(String companyName) {**

**OwnerProfile.companyName = companyName;**

**}**

**public static String getCompanyId() {**

**return companyId;**

**}**

**public static void setCompanyId(String companyId) {**

**OwnerProfile.companyId = companyId;**

**}**

**}**

**Concept for Back Button :**

On the click of back button, we will redirect to the previous Frame i.e. UserVerifyFrame and dispose this Frame.

**Coding for Back Button :**

**private void btnBackActionPerformed(java.awt.event.ActionEvent evt) {**

**showFrame=new UserVerifyFrame();**

**showFrame.setVisible(true);**

**this.dispose();**

**}**