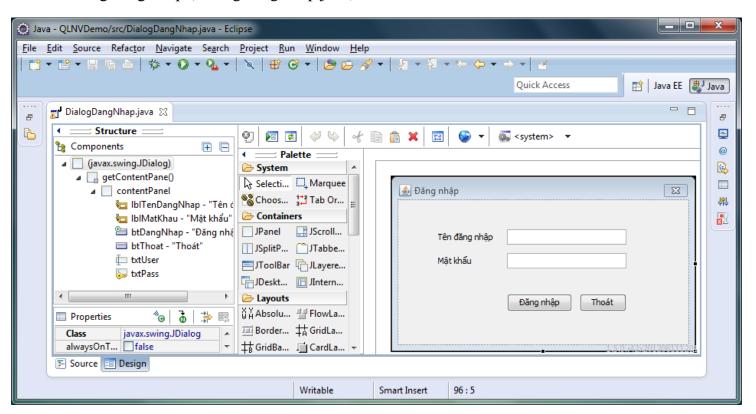
# BÀI TẬP MẪU JAVA SWING – DATABASE (PHẦN 3)

Tao table user trong database QLNV

```
CREATE TABLE user (
    userid int(11) NOT NULL,
    username varchar(30) COLLATE utf8_unicode_ci NOT NULL,
    password varchar(30) COLLATE utf8_unicode_ci NOT NULL,
    fullname varchar(50) COLLATE utf8_unicode_ci DEFAULT NULL,
    level int(11) DEFAULT NULL,
    PRIMARY KEY (userid)
);

INSERT INTO user (userid, username, password, fullname, level) VALUES
(1, 'admin', 'admin', 'Administrator', 1),
(2, 'nva', 'nva', 'Nguyễn Văn A', 2),
(3, 'nvb', 'nvb', 'Nguyễn Văn B', 2);
```

Thiết kế trang đăng nhập (DialogDangNhap.java)



Code: khai báo các biến

```
private int userId;
private String userName;
private String passWord;
private String fullName;
private String level;
private boolean resultLogin;
```

Và định nghĩa các method setter/getter cho các biến

```
Java - QLNVDemo/src/DialogDangNhap.java - Eclipse
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 B
          public class DialogDangNhap extends JDialog {
8
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                                                                                                                       @
              private final JPanel contentPanel = new JPanel();
                                                                                                                       private JTextField txtUser;
                                                                                                                 Ε
                                                                                                                       private JPasswordField txtPass;
              private int userId;
                                                                                                                       锦
              private String userName;
                                                                                                                       private String passWord;
              private String fullName;
              private String level;
              private boolean resultLogin;
              public int getUserId() {
                  return userId;
              public void setUserId(int userId) {
                  this.userId = userId;
        \Theta
              public String getUserName() {
                  return userName;
              public void setUserName(String userName) {
                  this.userName = userName;
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                                                                         23:46
```

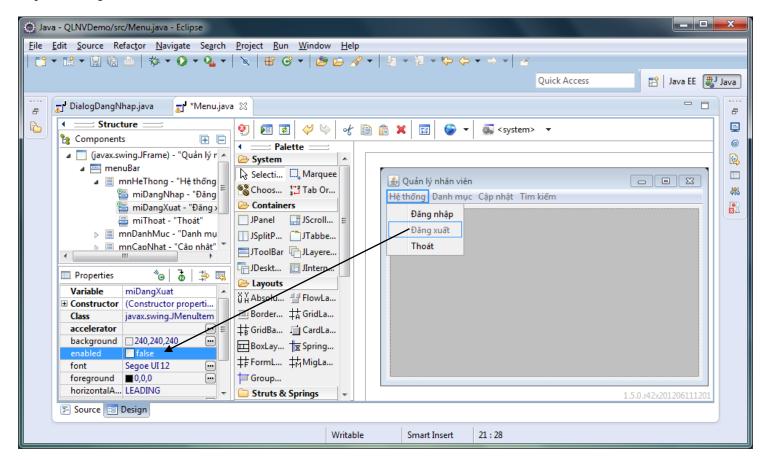
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             public String getPassWord() {
8
                                                                                                                    ▣
                 return passWord;
                                                                                                                    @
                                                                                                                    public void setPassWord(String passWord) {
                 this.passWord = passWord;
                                                                                                                    嵢
                                                                                                                    Θ
             public String getFullName() {
                 return fullName;
             public void setFullName(String fullName) {
                 this.fullName = fullName;
        Θ
             public String getLevel() {
                 return level;
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```

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                                                                                                                    ₽
             public void setLevel(String level) {
                                                                                                              A 📙
6
                                                                                                                    ▣
                 this.level = level;
                                                                                                                    @
                                                                                                                    \Theta
             public boolean getResultLogin() {
                                                                                                                    뱕
                 return resultLogin;
                                                                                                                    public void setResultLogin(boolean resultLogin) {
                 this.resultLogin = resultLogin;
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```

## Xử lý nút Đăng nhập

```
Java - QLNVDemo/src/DialogDangNhap.java - Eclipse
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 8
                                                                                                                      Ð
                  JButton btDangNhap = new JButton("Đăng Nhập");
8
                                                                                                                     ▣
                  btDangNhap.addActionListener(new ActionListener() {
                                                                                                                      @
        \Theta
                      public void actionPerformed(ActionEvent arg0) {
                                                                                                                     try {
                                                                                                                     Connection con = Database.getConnectDB();
                              Statement st = con.createStatement();
                                                                                                                     ᆙ
                                                                                                                     String sql = "select * from user where username = '"+ txtUser.getText()
                                          +"' and password = '"+ txtPass.getText() +"'";
                              ResultSet rs = st.executeQuery(sql);
                              while(rs.next()){
                                  userName = rs.getString("username");
                                  passWord = rs.getString("password");
                                  fullName = rs.getString("fullname");
                                  resultLogin = true;
                              con.close();
                              if(resultLogin == true){
                                  setVisible(false);
                                  JOptionPane.showMessageDialog(null, "Đăng nhập thành công");
                              }else
                                  JOptionPane.showMessageDialog(null, "Ban nhập sai thông tin");
                          } catch (Exception ex) {/* sai ket noi */
                              JOptionPane.showMessageDialog(null, ex.getMessage());
                      }
                  });
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```

## Cập nhật trang Menu



## Code menu Đăng nhập

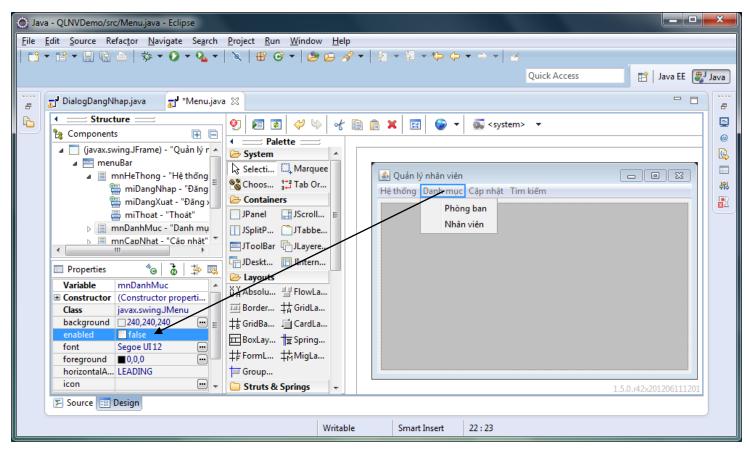
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Java - QLNVDemo/src/Menu.java - Eclipse
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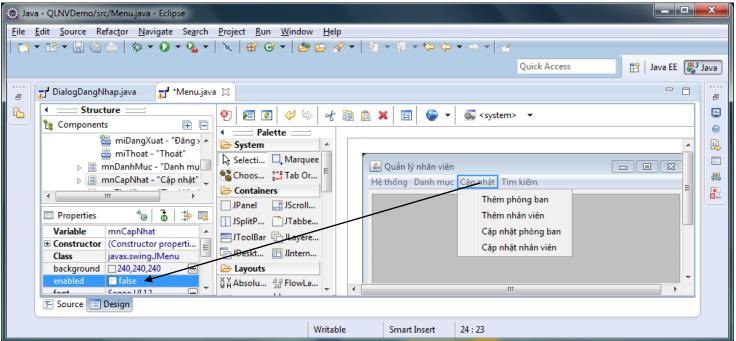
    □ DialogDangNhap.java

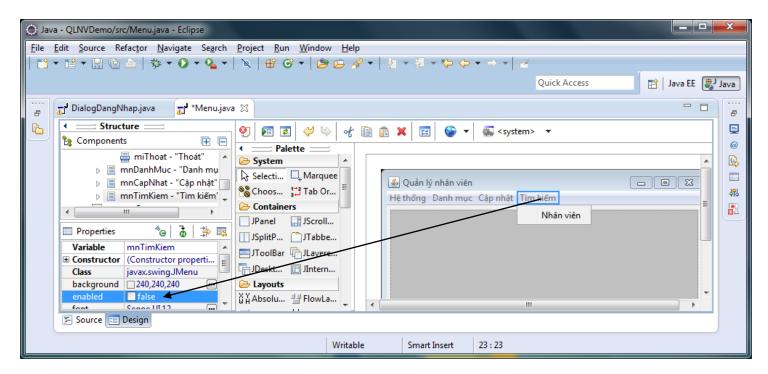
                           📷 *Menu.java 🔀
 8
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6
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                  miDangNhap.addActionListener(new ActionListener() {
                                                                                                               @
                      public void actionPerformed(ActionEvent arg0) {
                           DialogDangNhap fr = new DialogDangNhap();
                           fr.setVisible(true);
                                                                                                               if(fr.getResultLogin() == true){
                                                                                                               뺡
                               miDangNhap.setEnabled(false);
                                                                                                               miDangXuat.setEnabled(true);
                               mnDanhMuc.setEnabled(true);
                               mnCapNhat.setEnabled(true);
                               mnTimKiem.setEnabled(true);
                           desktopPane.add(fr);
                      }
                  });
          4
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                                                                  87:12
```

### Code Menu Đăng xuất

```
_ D X
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                           📷 *Menu.java 🖂
     DialogDangNhap.java
 8
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                  miDangXuat.addActionListener(new ActionListener() {
6
                                                                                                               public void actionPerformed(ActionEvent e) {
                                                                                                               @
                          miDangNhap.setEnabled(true);
                                                                                                              miDangXuat.setEnabled(false);
                                                                                                               mnDanhMuc.setEnabled(false);
                           mnCapNhat.setEnabled(false);
                                                                                                               能
                          mnTimKiem.setEnabled(false);
                                                                                                              //Đóng các Internal Frame đạng mở
                           for(int i=0; i<desktopPane.getAllFrames().length; i++){</pre>
                               desktopPane.getAllFrames()[i].setVisible(false);
                      }
                  });
      🗲 Source 📰 Design
                                       Writable
                                                    Smart Insert
                                                                 169:60
```







### Demo khi Run có dạng







