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package MallManagement;

import javax.swing.*;
import java.awt.*;
import MallManagement.UIComponents.*;

public class Dashboard extends JFrame {
    public Dashboard(String username) {
        setTitle("Mall Management System - Dashboard");
        setSize(900, 600);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setLocationRelativeTo(null);
        setResizable(false);

        GradientPanel bgPanel = new GradientPanel();
        bgPanel.setLayout(null);

        JLabel welcome = new JLabel("Welcome, Admin!", JLabel.CENTER);
        welcome.setFont(new Font("Segoe UI", Font.BOLD, 32));
        welcome.setForeground(Color.WHITE);
        welcome.setBounds(0, 30, 900, 40);
        bgPanel.add(welcome);

        JPanel topPanel = new JPanel(new GridLayout(2, 3, 25, 25));
        topPanel.setOpaque(false);
        topPanel.setBounds(100, 100, 700, 220);

        RoundedButton shopBtn = new RoundedButton("Shop Management", new Color(41, 128, 185));
        RoundedButton tenantBtn = new RoundedButton("Tenant Management", new Color(52, 152, 219));
        RoundedButton leaseBtn = new RoundedButton("Lease Management", new Color(46, 204, 113));
        RoundedButton billingBtn = new RoundedButton("Billing & Payments", new Color(243, 156, 18));
        RoundedButton maintenanceBtn = new RoundedButton("Maintenance Requests", new Color(230, 126, 34));
        RoundedButton eventBtn = new RoundedButton("Event Management", new Color(155, 89, 182));

        topPanel.add(shopBtn);
        topPanel.add(tenantBtn);
        topPanel.add(leaseBtn);
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topPanel.add(billingBtn);
topPanel.add(maintenanceBtn);
topPanel.add(eventBtn);

JPanel bottomPanel = new JPanel(new GridLayout(1, 4, 25, 25));
bottomPanel.setOpaque(false);
bottomPanel.setBounds(100, 360, 700, 100);

RoundedButton reportsBtn = new RoundedButton("Reports & Analytics", new Color(241, 196, 15));
RoundedButton userBtn = new RoundedButton("User Management", new Color(127, 140, 141));
RoundedButton logoutBtn = new RoundedButton("Logout", new Color(231, 76, 60));
RoundedButton exitBtn = new RoundedButton("Exit", new Color(44, 62, 80));

bottomPanel.add(reportsBtn);
bottomPanel.add(userBtn);
bottomPanel.add(logoutBtn);
bottomPanel.add(exitBtn);

Font btnFont = new Font("Segoe UI", Font.BOLD, 16);
for (JButton btn : new JButton[]{shopBtn, tenantBtn, leaseBtn, billingBtn, maintenanceBtn, eventBtn, reportsBtn, userBtn, logoutBtn, exitBtn}) {
    btn.setFont(btnFont);
}

bgPanel.add(topPanel);
bgPanel.add(bottomPanel);
add(bgPanel);

shopBtn.addActionListener(e -> new ShopManagement().setVisible(true));
tenantBtn.addActionListener(e -> new TenantManagement().setVisible(true));
leaseBtn.addActionListener(e -> new LeaseManagement().setVisible(true));
billingBtn.addActionListener(e -> new BillingSystem().setVisible(true));
maintenanceBtn.addActionListener(e -> new MaintenanceRequests(username, "Admin").setVisible(true));
eventBtn.addActionListener(e -> new EventManagement().setVisible(true));
reportsBtn.addActionListener(e -> new ReportsAnalytics().setVisible(true));

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userBtn.addActionListener(e -> new UserManagement("Admin").setVisible(true));

logoutBtn.addActionListener(e -> {
    dispose();
    new LoginScreen().setVisible(true);
});

exitBtn.addActionListener(e -> System.exit(0));
}

public static void main(String[] args) {
    SwingUtilities.invokeLater(() -> new Dashboard("Admin").setVisible(true));
}
}

package MallManagement;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import MallManagement.UIComponents.*;

public class LoginScreen extends JFrame {
    private JTextField usernameField;
    private JPasswordField passwordField;
    private RoundedButton loginButton, closeButton;

    public LoginScreen() {
        setTitle("Mall Management System - Login");
        setSize(480, 840);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setLocationRelativeTo(null);
        setResizable(false);

        GradientPanel bgPanel = new GradientPanel();
        bgPanel.setLayout(null);
        setContentPane(bgPanel);
    }
}
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JLabel title = new JLabel("Mall Management System", SwingConstants.CENTER);
title.setFont(new Font("Segoe UI", Font.BOLD, 24));
title.setForeground(Color.WHITE);
title.setBounds(0, 120, 480, 40);
bgPanel.add(title);
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```
JLabel userLabel = new JLabel("Username:");
userLabel.setForeground(Color.WHITE);
userLabel.setFont(new Font("Segoe UI", Font.PLAIN, 16));
userLabel.setBounds(100, 240, 100, 30);
bgPanel.add(userLabel);
```

```
usernameField = new JTextField();
usernameField.setFont(new Font("Segoe UI", Font.PLAIN, 15));
usernameField.setBounds(200, 240, 180, 30);
bgPanel.add(usernameField);
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JLabel passLabel = new JLabel("Password:");
passLabel.setForeground(Color.WHITE);
passLabel.setFont(new Font("Segoe UI", Font.PLAIN, 16));
passLabel.setBounds(100, 300, 100, 30);
bgPanel.add(passLabel);
```

```
passwordField = new JPasswordField();
passwordField.setFont(new Font("Segoe UI", Font.PLAIN, 15));
passwordField.setBounds(200, 300, 180, 30);
bgPanel.add(passwordField);
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loginButton = new RoundedButton("Login", new Color(41, 128, 185));
loginButton.setBounds(120, 380, 100, 40);
bgPanel.add(loginButton);
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clearButton = new RoundedButton("Clear", new Color(243, 156, 18));
clearButton.setBounds(260, 380, 100, 40);
bgPanel.add(clearButton);
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```
loginButton.addActionListener(e -> performLogin());
clearButton.addActionListener(e -> {
    usernameField.setText("");
    passwordField.setText("");});
```

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});  

}  
  

private void performLogin() {  

    String username = usernameField.getText().trim();  

    String password = new String(passwordField.getPassword());  
  

    if (username.isEmpty() || password.isEmpty()) {  

        JOptionPane.showMessageDialog(this, "Please enter username and password.");  

        return;  

    }  
  

    try (Connection conn = DatabaseUtil.getConnection());  

        PreparedStatement ps = conn.prepareStatement(  

            "SELECT role FROM users WHERE username = ? AND password = ?"  

        )) {  

            ps.setString(1, username);  

            ps.setString(2, password);  

            ResultSet rs = ps.executeQuery();  
  

            if (rs.next()) {  

                String role = rs.getString("role");  

                JOptionPane.showMessageDialog(this, "✓ Login successful as " + role + "!");  

                dispose();  
  

                switch (role) {  

                    case "Admin":  

                        new Dashboard(username).setVisible(true);  

                        break;  

                    case "Staff":  

                        new StaffDashboard(username).setVisible(true);  

                        break;  

                    case "Tenant":  

                        new TenantDashboard(username).setVisible(true);  

                        break;  

                    default:  

                        JOptionPane.showMessageDialog(this, "⚠ Unknown role: " + role);  

                }  

            } else {  

                JOptionPane.showMessageDialog(this, "✗ Invalid username or password.");  

            }
}

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    }

} catch (Exception e) {
    JOptionPane.showMessageDialog(this, "Error during login: " + e.getMessage());
}

}

public static void main(String[] args) {
    SwingUtilities.invokeLater(() -> new LoginScreen().setVisible(true));
}

}

package MallManagement;

import javax.swing.*;
import java.awt.*;
import MallManagement.UIComponents.*;

public class StaffDashboard extends JFrame {
    public StaffDashboard(String username) {
        setTitle("Mall Management System - Staff Dashboard");
        setSize(750, 500);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setLocationRelativeTo(null);
        setResizable(false);

        GradientPanel bgPanel = new GradientPanel();
        bgPanel.setLayout(null);

        JLabel welcome = new JLabel("Welcome Staff !", JLabel.CENTER);
        welcome.setFont(new Font("Segoe UI", Font.BOLD, 26));
        welcome.setForeground(Color.WHITE);
        welcome.setBounds(0, 30, 750, 40);
        bgPanel.add(welcome);

        JPanel buttonPanel = new JPanel(new GridLayout(2, 3, 25, 25));
        buttonPanel.setOpaque(false);
        buttonPanel.setBounds(120, 120, 500, 250);

        RoundedButton billingBtn = new RoundedButton("Billing & Payments", new Color(243, 156, 18));
        RoundedButton maintenanceBtn = new RoundedButton("Maintenance Requests", new
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Color(230, 126, 34));  
RoundedButton eventBtn = new RoundedButton("Event Management", new Color(155, 89, 182));  
RoundedButton reportsBtn = new RoundedButton("Reports", new Color(241, 196, 15));  
RoundedButton logoutBtn = new RoundedButton("Logout", new Color(231, 76, 60));  
RoundedButton exitBtn = new RoundedButton("Exit", new Color(44, 62, 80));  
  
buttonPanel.add(billingBtn);  
buttonPanel.add(maintenanceBtn);  
buttonPanel.add(eventBtn);  
buttonPanel.add(reportsBtn);  
buttonPanel.add(logoutBtn);  
buttonPanel.add(exitBtn);  
  
bgPanel.add(buttonPanel);  
add(bgPanel);  
  
billingBtn.addActionListener(e -> new BillingSystem(username, "Staff").setVisible(true));  
maintenanceBtn.addActionListener(e -> new MaintenanceRequests(username,  
"Staff").setVisible(true));  
eventBtn.addActionListener(e -> new EventManagement(username, "Staff").setVisible(true));  
reportsBtn.addActionListener(e -> new StaffReports(username, "Staff").setVisible(true));  
logoutBtn.addActionListener(e -> {  
    dispose();  
    new LoginScreen().setVisible(true);  
});  
exitBtn.addActionListener(e -> System.exit(0));  
}  
}
```