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1 package view;
2
3 import java.awt.event.ActionEvent;
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20 /**
21  * Class ResetPasswordInterface to construct interface for user to reset their password.
22  * @author Daria Vekic (Student ID: 586661)
23  *
24  */
25 public class ResetPasswordInterface extends JFrame {
26
27     private static final long serialVersionUID = 1L;
28     // Instance fields
29     private JPanel contentPane;
30     private JTextField usernameTextField;
31     private JPasswordField oldPasswordTextField;
32     private JPasswordField newPasswordTextField;
33     private JButton resetPWBtn;
34     //Controller instance for validation and data flow control
35     private LogInController loginController = new LogInController();
36
37     /**
38      * Constructor method to create user interface that allows for resetting of password.
39      * @param employees the List of Employees needed to create LogInInterface if reset successful.
40      * @param cases the List of Cases needed to create LogInInterface if reset successful.
41      * @param clients the List of Clients needed to create LogInInterface if reset successful.
42      */
43     public ResetPasswordInterface(ArrayList<Employee> employees,
44         ArrayList<Case> cases, ArrayList<Client> clients) {
45         constructResetPasswordInterface(employees, cases, clients);
46     } //end constructor method
47
48     /**
49      * Method to create the Reset Password interface.
50      * @param employees the List of Employees needed to create LogInInterface if reset successful.
51      * @param cases the List of Cases needed to create LogInInterface if reset successful.
52      * @param clients the List of Clients needed to create LogInInterface if reset successful.
53      */
54     private void constructResetPasswordInterface(ArrayList<Employee> employees,
55         ArrayList<Case> cases, ArrayList<Client> clients) {
56         setTitle("Set Password");
57         setDefaultCloseOperation(JFrame.DISPOSE_ON_CLOSE);
58         setBounds(100, 100, 339, 264);
59         contentPane = new JPanel();
60         contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
61
62         setContentPane(contentPane);
63         contentPane.setLayout(null);
64
65         JLabel usernameLabel = new JLabel("Enter username:");
66         usernameLabel.setBounds(36, 53, 107, 14);
67         contentPane.add(usernameLabel);
68
69         JLabel oldPasswordLabel = new JLabel("Old password:");

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70     oldPasswordLabel.setBounds(36, 95, 88, 14);
71     contentPane.add(oldPasswordLabel);
72
73     JLabel newPasswordLabel = new JLabel("New password:");
74     newPasswordLabel.setBounds(36, 135, 88, 14);
75     contentPane.add(newPasswordLabel);
76
77     usernameTextField = new JTextField();
78     usernameTextField.setBounds(151, 50, 128, 20);
79     contentPane.add(usernameTextField);
80     usernameTextField.setColumns(10);
81
82     oldPasswordTextField = new JPasswordField();
83     oldPasswordTextField.setColumns(10);
84     oldPasswordTextField.setBounds(151, 92, 128, 20);
85     contentPane.add(oldPasswordTextField);
86
87     newPasswordTextField = new JPasswordField();
88     newPasswordTextField.setColumns(10);
89     newPasswordTextField.setBounds(151, 132, 128, 20);
90     contentPane.add(newPasswordTextField);
91
92     resetPWBtn = new JButton("Reset Password");
93     resetPWBtn.addActionListener(new ActionListener() {
94         public void actionPerformed(ActionEvent event) {
95             resetPWBtnActionPerformed(event, employees, cases, clients);
96         } //end method actionPerformed
97     } //end method ActionListener
98     ); //end call to resetPWBtnActionPerformed ActionListener
99     resetPWBtn.setBounds(104, 182, 153, 23);
100    contentPane.add(resetPWBtn);
101 } // end method constructResetPasswordInterface
102
103 /**
104  * Routine to be followed if Reset Password button is pressed.
105  * @param event the Reset Password button is pressed.
106  * @param employees the List of Employees needed to create LoginInterface if reset successful.
107  * @param cases the List of Cases needed to create LoginInterface if reset successful.
108  * @param clients the List of Clients needed to create LoginInterface if reset successful.
109  */
110 private void resetPWBtnActionPerformed(ActionEvent event, ArrayList<Employee> employees,
111     ArrayList<Case> cases, ArrayList<Client> clients) {
112     if(loginController.resetPassword(usernameTextField, oldPasswordTextField, newPasswordTextField)) {
113         this.dispose();
114         LoginInterface login = new LoginInterface(employees, clients, cases);
115         login.setVisible(true);
116     } //endif
117 } //end method resetPWBtnActionPerformed
118 } //end class ResetPasswordInterface

```