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/*
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Properties.
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 * and open the template in the editor.
 */
package view.studentView;

import java.io.IOException;
import java.net.URL;
import java.nio.charset.StandardCharsets;
import java.nio.file.Files;
import java.nio.file.Paths;
import java.util.Collections;
import java.util.List;
import java.util.ResourceBundle;
import javafx.event.ActionEvent;
import javafx.fxml.FXML;
import javafx.fxml.FXMLLoader;
import javafx.fxml.Initializable;
import javafx.scene.Node;
import javafx.scene.Parent;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.control.TextArea;
import javafx.scene.text.Text;
import javafx.stage.Stage;
import model.ActiveUser;
import presenter.ActiveUserPresenter;

/**
 * FXML Controller class
 *
 * @author Adarsha
 */
public class NotificationStudentController implements Initializable {

    @FXML
    private Button homeadmin_fx;
    @FXML
    private Button equipmentSearch_fx;
    @FXML
    private Text home_fx;
    @FXML
    private Button notify_fx;
    @FXML
    private TextArea notificationTextArea;
    private ActiveUser activeUser;
    private ActiveUserPresenter activeUserPresenter;
    @FXML
    private Button searchequip_fx;
    @FXML
    private Button booking_fx;

    /**
     * Initializes the controller class.
     */
    @Override

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    public void initialize(URL url, ResourceBundle rb) {
        activeUserPresenter = new ActiveUserPresenter();
        String username =
activeUserPresenter.getMyUsername().get(0).getUsername();
        activeUser = new ActiveUser(username);
        System.out.println("activeUser is " + username);

        notificationTextArea.setEditable(false);
        List lines = displayNotifications();

        int n = lines.size();
        System.out.println("lines in file is: " + n);
        for(int i=n;i>=1;i--){
            String line1 = lines.get(i-1).toString();
            String[] str = line1.split(" ");

            if(str[0].equals(username)){
                notificationTextArea.appendText(lines.get(i-
1).toString()+"\n");
            } else {
            }
        }
    }

    @FXML
    private void onHomeButtonClicked(ActionEvent event) throws
IOException {
        Parent root =
FXMLLoader.load(getClass().getResource("StudentDashboard.fxml"));
        Scene scene = new Scene(root);
        Stage window = (Stage) ((Node)
event.getSource()).getScene().getWindow();
        window.setScene(scene);
        window.show();
    }

    private List<String> displayNotifications() {
        List<String> lines = Collections.emptyList();

        try {
            lines = Files.readAllLines(Paths.get("StudentLog.txt"),
StandardCharsets.UTF_8);
            String username = lines.get(lines.size()-1);
            System.out.println("The user who made the changes is : " +
username);
        } catch (IOException e) { // TODO Auto-generated catch block
            e.printStackTrace();
        }
        return lines;
    }

    @FXML
    private void onSettingsButtonClicked(ActionEvent event) throws
IOException {

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        Parent root =
FXMLLoader.load(getClass().getResource("StudentProfile.fxml"));
        Scene scene = new Scene(root);
        Stage window = (Stage) ((Node)
event.getSource()).getScene().getWindow();
        window.setScene(scene);
        window.show();
    }

    @FXML
    private void onNotificationButtonClicked(ActionEvent event) throws
IOException {
        Parent root =
FXMLLoader.load(getClass().getResource("NotificationStudent.fxml"));
        Scene scene = new Scene(root);
        Stage window = (Stage) ((Node)
event.getSource()).getScene().getWindow();
        window.setScene(scene);
        window.show();
    }

    @FXML
    private void onSearchEquipmentButtonClicked(ActionEvent event) throws
IOException {
        Parent root =
FXMLLoader.load(getClass().getResource("SearchEquipment.fxml"));
        Scene scene = new Scene(root);
        Stage window = (Stage) ((Node)
event.getSource()).getScene().getWindow();
        window.setScene(scene);
        window.show();
    }

    @FXML
    private void onBookingButtonClicked(ActionEvent event) throws
IOException {
        Parent root =
FXMLLoader.load(getClass().getResource("StudentHistory.fxml"));
        Scene scene = new Scene(root);
        Stage window = (Stage) ((Node)
event.getSource()).getScene().getWindow();
        window.setScene(scene);
        window.show();
    }
}

```