

```
/*
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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.time.LocalDate;
import java.util.Date;
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.Alert;
import javafx.scene.control.Button;
import javafx.scene.control.ComboBox;
import javafx.scene.control.TextArea;
import javafx.scene.control.TextField;
import javafx.stage.Stage;
import model.Students;
import presenter.ActiveUserPresenter;
import presenter.StudentPresenter;
```

```
/**
 * FXML Controller class
 *
 * @author Adarsha
 */
```

```
public class StudentProfileController implements Initializable {
```

```
    @FXML
    private TextArea addressreg_fx;
    @FXML
    private TextField adminNamereg_fx;
    @FXML
    private TextField emailreg_fx;
    @FXML
    private TextField mobilenumreg_fx;
    @FXML
    private Button updatebutton_fx;
    @FXML
    private ComboBox<String> campusChoiceBox;
    @FXML
    private TextField usernamereg_fx;
    @FXML
    private TextField passwordreg_fx;
    @FXML
    private Button homeadmin_fx1;
    @FXML
    private Button equipmentSearch_fx;
    @FXML
```

```

private Button notify_fx;

ActiveUserPresenter activeUserPresenter;
Students students;
StudentPresenter studentPresenter;
@FXML
private Button searchequip_fx;
@FXML
private Button booking_fx;

/**
 * Initializes the controller class.
 */
@Override
public void initialize(URL url, ResourceBundle rb) {

    activeUserPresenter = new ActiveUserPresenter();
    String username =
activeUserPresenter.getMyUsername().get(0).getUsername();

    studentPresenter = new StudentPresenter();
    students = new Students();
    students = studentPresenter.findStudentsByName(username).get(0);

    adminNamereg_fx.setText(students.getStudentName());
    emailreg_fx.setText(students.getEmail());
    mobilenumreg_fx.setText(students.getPhone());
    usernamereg_fx.setText(students.getUsername());
    passwordreg_fx.setText(students.getPassword());
    addressreg_fx.setText(students.getAddress());

    campusChoiceBox.getItems().add("Sydney");
    campusChoiceBox.getItems().add("Melbourne");
    campusChoiceBox.getItems().add("Rockhampton");
    campusChoiceBox.getItems().add("Perth");

}

@FXML
private void onUpdateButtonClicked(ActionEvent event) {
    String name = adminNamereg_fx.getText();
    String email = emailreg_fx.getText();
    String phone = mobilenumreg_fx.getText();
    String username = usernamereg_fx.getText();
    String password = passwordreg_fx.getText();
    String address = addressreg_fx.getText();
    String campus = campusChoiceBox.getValue();

    int myID = students.getStudent_id();

    Students student = new Students (name, email, phone, username,
password, address, campus);
    student.setStudent_id(myID);
    boolean updateStudent =
this.studentPresenter.updateStudent(student);

```

```

        if(updateStudent==true){
            Date dateNow =
this.studentPresenter.getDateFromLocalDate(LocalDate.now());
            String notification = (username + " " + dateNow + " updated
his/her details.");
            System.out.println("notification is : "+ notification);
            this.studentPresenter.writeToFile(notification);

            Alert alert = new Alert(Alert.AlertType.CONFIRMATION);
            alert.setTitle("Student Details Updated");
            alert.setHeaderText("You have updated your details.");
            alert.showAndWait();
        }else{
            Date dateNow =
this.studentPresenter.getDateFromLocalDate(LocalDate.now());
            String notification = (username + " " + dateNow +" - Failed
to update the details.");
            System.out.println(notification);
            this.studentPresenter.writeToFile(notification);

            Alert alert = new Alert(Alert.AlertType.CONFIRMATION);
            alert.setTitle("Failed to Update.");
            alert.setHeaderText("Username/Email/Phone already exists.");
            alert.showAndWait();
        }
    }
}

```

```

@FXML
private void onBackToHomeButtonClicked(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();
}

```

```

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