

```
/*
 * To change this license header, choose License Headers in Project
Properties.
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 * and open the template in the editor.
 */
```

```
package adminView;
```

```
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.ActiveUser;
import model.Students;
```

```
import presenter.StudentPresenter;
import view.LoginController;
```

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

```
public class AddStudentController implements Initializable {
```

```
    @FXML
    private TextArea addressreg_fx;
    @FXML
    private TextField studentnamereg_fx;
    @FXML
    private TextField mobilenumreg_fx;
    @FXML
    private Button studentregbutton_fx;
    @FXML
    private ComboBox<String> campusChoiceBox;
    @FXML
    private TextField usernamereg_fx;
    @FXML
    private TextField passwordreg_fx;
    @FXML
    private Button homeadmin_fx1;
    @FXML
    private Button viewstudentdetails_fx;
    @FXML
```

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private Button addEquipment_fx;
@FXML
private Button equipmentSearch_fx;
@FXML
private Button Adddelcampus_fx;
@FXML
private Button addAdmin_fx;
@FXML
private Button addStudent_fx;
@FXML
private Button notify_fx;
@FXML
private Button logout_fx;
@FXML
private TextField studentemailreg_fx;

private StudentPresenter studentPresenter;
public ActiveUser activeUser;
private LoginController lo;

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

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

@FXML
private void onRegisterNowButtonClicked(ActionEvent event) {
    String studentName = studentnamereg_fx.getText();
    String studentEmail = studentemailreg_fx.getText();
    String studentPhone = mobilenumreg_fx.getText();
    String studentUsername = usernamereg_fx.getText();
    String studentPassword = passwordreg_fx.getText();
    String studentAddress = addressreg_fx.getText();
    String studentCampus = campusChoiceBox.getValue();

    // ActiveUser activeUser =
    String myUsername = "student1";// getActiveUser();
    //System.out.println("dateNow here :");
    System.out.println("my username is : "+myUsername);

    Students student = new Students(studentName,
studentPhone,studentCampus, studentUsername, studentPassword,
studentAddress, studentEmail);
    System.out.println("At the controller");
    boolean addNewStudent =
this.studentPresenter.registerStudent(student);
    System.out.println("Back At the controller");
    if(addNewStudent==true){

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        Date dateNow =
this.studentPresenter.getDateFromLocalDate(LocalDate.now());
        String notification = (myUsername + " " + dateNow + " - Added
a new Student named : "+ studentName);
        System.out.println("notification is : "+ notification);
        this.studentPresenter.writeToFile(notification);

        Alert alert = new Alert(Alert.AlertType.CONFIRMATION);
        alert.setTitle("New Student Added");
        alert.setHeaderText("You have added a new Student.");
        alert.showAndWait();
    }else{
        Date dateNow =
this.studentPresenter.getDateFromLocalDate(LocalDate.now());
        String notification = (myUsername + " " + dateNow + " - Failed
to add a new Student named : "+ studentName);
        System.out.println(notification);
        this.studentPresenter.writeToFile(notification);

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

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

```