1. using System;
2. using System.Collections.Generic;
3. using System.ComponentModel;
4. using System.Data;
5. using System.Drawing;
6. using System.Linq;
7. using System.Text;
8. using System.Threading.Tasks;
9. using System.Windows.Forms; 10
10. using Nihulon2.Model;
11. using static System.Windows.Forms.ComboBox; 13

14 namespace Nihulon2.SupervisorsAdministration 15 {

16 /\*

1. \* The form of changing exams.
2. \* Has controls for changing different properties of an exam
3. \* and two buttons for canceling and saving the changes 20 \*/

21 public partial class frmChangeExam : Form 22 {

1. // Event handler that is called when the user clicks the button
2. // "save changes"
3. public delegate void saveChangesHandler(Exam exam);
4. public event saveChangesHandler onSaveChanges; 27

28 Exam exam; // The exam for changing 29

30 public frmChangeExam()

31 {

32 InitializeComponent(); 33 }

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1. // Fill the comboboxes with related items sent as parameters
2. public void fillComboBoxes(ObjectCollection divisions, ObjectCollection courses, ObjectCollection rooms)

37 {

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44 }

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for (int i = 0; i < divisions.Count; i++) cboDivision.Items.Add(divisions[i]);

for (int i = 0; i < courses.Count; i++) cboCourse.Items.Add(courses[i]);

for (int i = 0; i < rooms.Count; i++) cboRoom.Items.Add(rooms[i]);

1. // Take an exam and fill all fields of the form
2. public void setExam(Exam examForChanging) 49 {

50 exam = examForChanging; 51

1. // Get datetime from strings
2. DateTime date = Convert.ToDateTime(exam.Date);
3. DateTime startTime = Convert.ToDateTime(exam.StartTime);
4. DateTime endingTime = Convert.ToDateTime(exam.EndingTime);

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74 }

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// fill the fields of the form with data of the exam that is

// needed to be changed try

{

DatePicker.Value = date; FromTimePicker.Value = startTime; ToTimePicker.Value = endingTime; cboCourse.SelectedItem = exam.course; cboDivision.SelectedItem = exam.division; cboRoom.SelectedItem = exam.room; txtDiscipline.Text = exam.DisciplineName; txtGroup.Text = exam.GroupName; txtSupervisor.Text = exam.SupervisorName; cbExtraTime.Checked = exam.hasExtraTime;

}

catch { }

1. // Close the form without exam changing
2. private void btnCancelChanging\_Click(object sender, EventArgs e) 78 {

79 this.Dispose(); 80 }

81

1. // Save the new values at the exam and send a message with
2. // the new exam to subscribers
3. private void btnSaveChanges\_Click(object sender, EventArgs e) 85 {
4. exam.course = cboCourse.Text;
5. exam.Date = DatePicker.Text;
6. exam.DisciplineName = txtDiscipline.Text;
7. exam.division = cboDivision.Text;
8. exam.EndingTime = ToTimePicker.Text;
9. exam.GroupName = txtGroup.Text;
10. exam.hasExtraTime = cbExtraTime.Checked;
11. exam.room = cboRoom.Text;
12. exam.StartTime = FromTimePicker.Text;
13. exam.SupervisorName = txtSupervisor.Text; 96
14. // Send the message that the exam was changed
15. if (onSaveChanges != null)
16. onSaveChanges(exam); 100

101 this.Dispose();

102 }

103

1. // Called when one of the time pickers at the form of creating
2. // new exams has been changed.
3. // Checks if the "from" date is earlier than "to" date

|  |  |
| --- | --- |
| 107 | private void TimePicker\_ValueChanged(object sender, EventArgs e) |
| 108 | { |
| 109 | if (ToTimePicker.Value < FromTimePicker.Value) |
| 110 | { |
| 111 | ToTimePicker.Value = FromTimePicker.Value; |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 112 |  |  |  | } |
| 113 |  |  | } |  |
| 114 |  | } |  |  |
| 115 | } |  |  |  |
| 116 |  |  |  |  |