

## Teaching staff employment

### View

Web-application for controlling teaching staff employment in educational institution is to be created.

Application functions to be realised are as follows:

- displaying and editing the list of teachers
- displaying and editing courses attached to teachers
- calculating total hours of courses attached to certain teacher
- displaying the list of courses attached to a certain teacher

### 1. Teachers

#### 1.1. Viewing the list of teachers

The list of teachers is displayed.

Basic scenario:

- user selects Teachers from the menu
- the form showing the list of all teachers appears

#	Name	Last Name	Skype	Tel.	Actions
1	John	Thompson	thomps	+375297778888	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
2	Jack	Sparrow	captain	+375331234567	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
3	Marie	Clair	cutie	+375298974563	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

Image 1.1 List of teachers

The columns shown in the list are as follows:

- name – teacher’s first name

- last name – teacher’s last name
- e-mail – teacher’s e-mail
- Tel. – contact telephone

## 1.2. Adding the teacher

Basic scenario:

- user presses the Add button in the ‘List of teachers’ form
- the ‘Add new teacher’ form is displayed
- user inputs data and presses the Save button
- invalid data warning is shown in case of incorrect data input
- if data input is valid the teacher is added to the database
- the ‘Error while saving’ is shown in case of error while data saving
- if the teacher is added successfully the updated list of teachers form is displayed

Discarding changes scenario:

- user presses the Add button in the ‘List of teachers’ form
- the ‘Add new teacher’ form is displayed
- user inputs data and presses the Revert button
- data is not saved to the database and the updated list of teachers form is displayed

The screenshot shows a web application interface. At the top, there are two tabs: 'Staff' and 'Courses'. Below the tabs is a form titled 'Adding a teacher'. The form has two buttons at the top right: 'Revert' and 'Save'. The form contains four input fields with labels: 'Name:' with the value 'Chloe', 'Last name:' with the value 'Gilmour', 'Skype:' with the value 'gilm', and 'Tel.:' with the value '+375293645129'.

Image 1.2. Adding the teacher

Requisites inputted while adding the teacher:

- name – teacher’s first name
- last name – teacher’s last name
- e-mail
- Tel.

### **1.3. Editing the teacher**

Basic scenario:

- user presses the Edit button in the row of the chosen teacher in the ‘List of teachers’ form
- the Edit teacher form is displayed
- user edits data and presses the Save button
- invalid data warning is shown in case of incorrect data input
- if data input is valid data is updated in the database
- the ‘Error while saving’ is shown in case of error while data saving
- if the teacher is updated successfully the updated ‘List of teachers’ form is displayed

Discarding changes scenario:

- user presses the Edit button in the ‘List of teachers’ form
- Edit teacher form is displayed
- user inputs data and presses the Revert button
- data is not saved to the database and the updated list of teachers form is displayed

The screenshot shows a web application interface for editing a teacher. At the top, there are two tabs: 'Staff' and 'Courses', with 'Courses' being the active tab. Below the tabs, the main heading is 'Editing a teacher'. To the right of the heading are two buttons: 'Revert' and 'Save'. The form itself contains four labeled input fields arranged vertically: 'Name' (containing 'Chloe'), 'Last name' (containing 'Gilmour'), 'Skype' (containing 'gilm'), and 'Tel.' (containing '+375293645129').

Image 1.3. Editing the teacher

Requisites inputted while editing the teacher are as follows:

- name – teacher’s first name
- last name – teacher’s last name
- e-mail
- tel.

## 1.4. Deleting the teacher

Basic scenario:

- user presses the Delete button in the row of the chosen teacher in the ‘List of teachers’ form
- the ‘Delete teacher <name of the teacher>’ deleting confirmation dialog is shown
- user presses the Yes button
- teacher deleting from the database is being processed
- if deleting data error occurs the ‘Error while data deleting’ error message is shown
- if deleting is successful the updated list of teachers form is displayed

Discarding changes scenario:

- user presses the Delete button in the row of the chosen teacher in the ‘List of teachers’ form
- the ‘Delete teacher <name of the teacher>’ deleting confirmation dialog is shown
- user presses the No button
- the updated ‘List of teachers’ form is displayed

The screenshot shows a web application interface. At the top, there are two tabs: 'Staff' (selected) and 'Courses'. Below the tabs is a header bar with the title 'List of teachers' and two buttons: 'Add' and 'Update'. Below the header is a table with the following columns: '#', 'Name', 'Last Name', 'Skype', 'Tel.', and 'Actions'. The table contains three rows of data. A modal dialog box is overlaid on the table, titled 'Action confirmation'. It contains a warning icon (a triangle with an exclamation mark) and the text 'Do you want to delete the teacher 'John Thompon'?'. At the bottom of the dialog are two buttons: 'Yes' and 'No'.

#	Name	Last Name	Skype	Tel.	Actions
1	Jo				
2	Ja				
3	M				

Image 1.4. Deleting confirmation

## 1.5. Viewing the teacher

The form shows the list of courses attached to the chosen teacher. Employment is shown as the total amount of hours.

Basic scenario:

- user presses the View button in the row of the chosen teacher in the ‘List of teachers’ form
- the form showing the chosen teacher appears

The screenshot shows a web application interface for viewing a teacher's details. At the top, there is a tab labeled "Viewing the teacher". Below this, the teacher's name "Marie Clair" is displayed. To the right of the name is a button labeled "List of teachers". Below the name, there is a section titled "Courses" which contains a table with the following data:

#	Title	Starting date	Ending date	Hours
1	Basics of Java	02/11/2015	02/12/2015	100
2	C++	20/11/2015	20/01/2016	160

Below the table, the text "Total hours: 260" is displayed.

Image 1.4. Viewing the teacher

The columns shown in the list are as follows:

- title – course name
- starting date – starting date of course
- ending date – ending date of course
- hours – total duration of course in hours

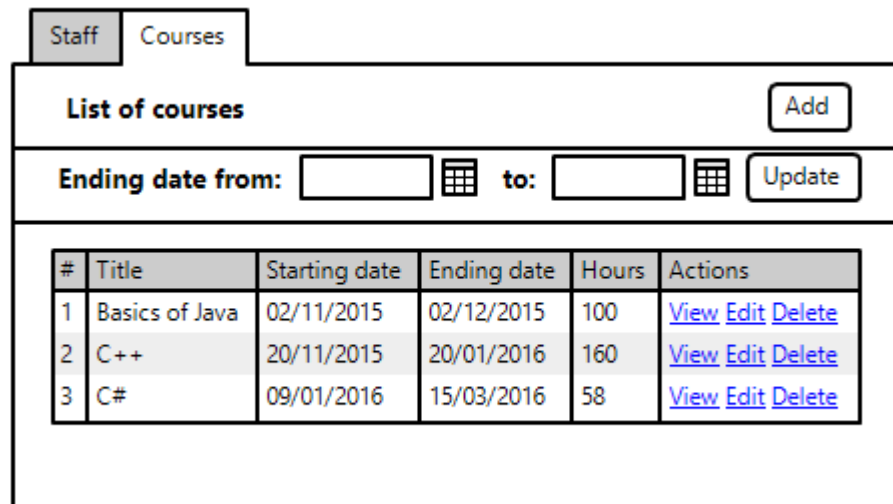
## 2. Courses

### 2.1. Viewing the list of courses

The list of courses is displayed.

Basic scenario:

- user selects Courses from the menu
- the form showing the 'List of courses' appears



#	Title	Starting date	Ending date	Hours	Actions
1	Basics of Java	02/11/2015	02/12/2015	100	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
2	C++	20/11/2015	20/01/2016	160	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
3	C#	09/01/2016	15/03/2016	58	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

Image 2.1. List of courses

The columns shown in the list are as follows:

- title – course name
- starting date – starting date of course
- ending date – ending date of course
- hours – total duration of course in hours

## 2.2. Adding the course

Basic scenario:

- user presses the Add button in the ‘List of courses’ form
- the Add new course form is displayed
- user inputs data and presses the Save button
- invalid data warning is shown in case of incorrect data input
- if data input is valid the teacher is added to the database
- the ‘Error while saving’ is shown in case of error while data saving
- if the course is added successfully the updated ‘List of courses’ form is displayed

Discarding changes scenario:

- user presses the Add button in the ‘List of courses’ form
- Add new course form is displayed
- user inputs data and presses the Revert button
- data is not saved to the database and the updated list of courses form is displayed

The screenshot shows a web application interface for adding a course. At the top, there are two tabs: 'Staff' and 'Courses', with 'Courses' being the active tab. Below the tabs is a header bar with the title 'Adding a course' and two buttons: 'Revert' and 'Save'. The main form area contains five input fields: 'Title' with the value 'Introduction to .NET', 'Starting date' with the value '02/11/2015' and a calendar icon, 'Ending date' with the value '24/12/2015' and a calendar icon, 'Hours' with the value '200', and 'Teacher' with the value 'Marie Clair' and a dropdown arrow.

Image 2.2. Adding the course

Requisites inputted while adding the course are as follows:

- title – course title
- starting date – starting date of course
- ending date – ending date of course
- hours – total course duration in hours
- teacher – teacher assigned to the course

## 2.3. Editing the course

Basic scenario:

- user presses the Edit button in the row of the chosen course in the ‘List of courses’ form
- the Edit teacher form is displayed
- user edits data and presses the Save button
- invalid data warning is shown in case of incorrect data input
- if data input is valid data is updated in the database
- the ‘Error while saving’ is shown in case of error while data saving
- if the teacher is updated successfully the updated ‘List of courses’ form is displayed



### Discarding changes scenario:

- user presses the Edit button in the List of teachers form
- Edit teacher form is displayed
- user inputs data and presses the Revert button
- data is not saved to the database and the updated ‘List of courses’ form is displayed

The screenshot shows a web application interface with two tabs: 'Staff' and 'Courses'. The 'Courses' tab is active. Below the tabs is a form titled 'Editing a course'. At the top right of the form are two buttons: 'Revert' and 'Save'. The form contains five input fields with labels to their left: 'Title:' with a text box containing 'Introduction to .NET'; 'Starting date:' with a text box containing '02/11/2015' and a calendar icon; 'Ending date:' with a text box containing '24/12 /2015' and a calendar icon; 'Hours:' with a text box containing '200'; and 'Teacher:' with a dropdown menu showing 'Marie Clair' and a downward arrow.

Image 2.3. Editing the course

Requisites inputted while editing the teacher are as follows:

- title – teacher’s first name
- starting date – starting date of course
- ending date – ending date of course
- hours – total duration of course in hours
- teacher – teacher assigned to the course

## 2.4. Deleting the course

Basic scenario:

- user presses the Delete button in the row of the chosen course in the ‘List of courses’ form
- the ‘Delete course <course title> ’ deleting confirmation dialog is shown

- user presses the Yes button
- teacher deleting from the database is being processed
- if deleting data error occurs the ‘Error while data deleting’ error message is shown
- if deleting is successful the updated list of teachers form is displayed

Discarding changes scenario:

- user presses the Delete button in the row of the chosen course in the ‘List of courses’ form
- the ‘Delete course <course title>’ deleting confirmation menu dialog is shown
- user presses the No button
- the updated ‘List of courses’ form is displayed

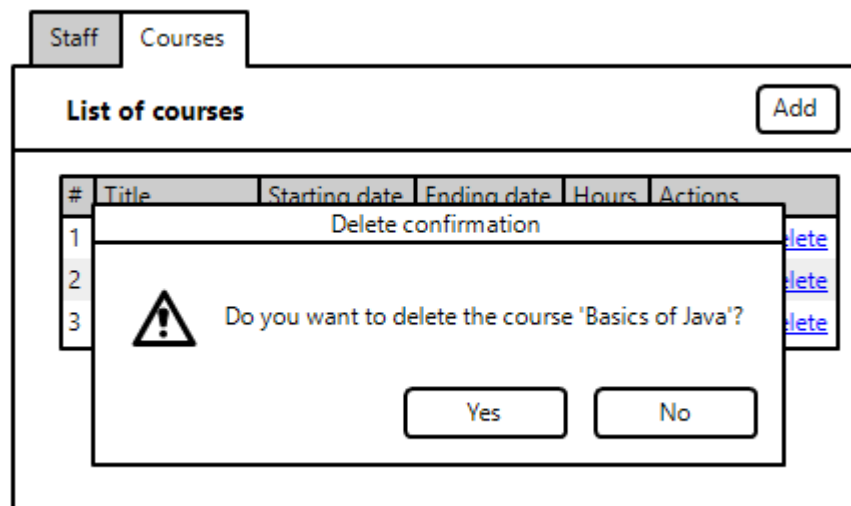


Image 2.4. Deleting confirmation