

Course:

Creating Web Pages with HTML5 and CSS3

Module 11. Version Control Systems

Module12. Bootstrap

Implement a weblog for an educational institution that allows users to view the schedule, take attendance, give and check homework.

Every task is one page of the weblog. Having completed all tasks, you get a layout of a full-fledged multipage website.

All pages but the login page have the menu.

The menu consists of several items:

- **Attendance** is the page where the teacher can take attendance.
- **Schedule** is the page containing the teacher's schedule.
- **Homework** is the page for viewing and assessing homework done.
- **News** (the bell icon) is the page for news of the educational institution.
- **Teacher's profile** (the profile icon) is the page with the info about the teacher.
- **Exit** (the door icon) is the button that exits the system.

After you complete all tasks, you can “bring to life” the menu. That is, do so that if the **Attendance** is clicked, the page that allows you to take attendance will display; if **Homework** is clicked, the homework page will display, and so on.

Use a version control system (say, **GIT**) as you work on the tasks.
Create one repository and update it after every completed task.

Task 1

Implement an HTML page that allows you to mark students present.

The page consists of these blocks:





- a heading (logo and menu);
- the current date;
- a list of possible classes;
- info about the current class (group name, subject, topic, and a download button for homework);
- a table with the list of students in the group, where:
 - the student's name is displayed;
 - his or her average grade is displayed;
 - you can mark the student present (or not);
 - you can enter a mark for a test;
 - you can enter a mark for classwork;
 - you can leave a comment.

The currently selected menu item **Attendance** must be highlighted.

The current lesson tab must look like **1 lesson**, and when hovered, the tab must look like **7 lesson** in Screenshot on page 3.

Bootstrap is required for this task.

Example of the result:

 Attendance Schedule Homework   

23 APRIL, TUESDAY

1 lesson

2 lesson

3 lesson

4 lesson

5 lesson

6 lesson

7 lesson

8 lesson

Group

Subject

Lesson topic

Homework

ABC-1234

HTML & CSS

Add homework

	Name	GPA	Is present	Test	Classwork	Comment
1	Ashton Hickman	10	<div><div></div><div></div><div></div></div>	<div>-</div>	<div>-</div>	<div><input type="text"/></div>
2	Mischa Roberson	9	<div><div></div><div></div><div></div></div>	<div>-</div>	<div>-</div>	<div><input type="text"/></div>
3	Jaydon Metcalfe	11	<div><div></div><div></div><div></div></div>	<div>-</div>	<div>-</div>	<div><input type="text"/></div>
4	Gary Jacobson	8	<div><div></div><div></div><div></div></div>	<div>-</div>	<div>-</div>	<div><input type="text"/></div>

All icons were taken from this font: <https://fontawesome.com>.

Task 2

Add a pop-up window to upload homework.

The pop-up window must appear when the **Add homework** button is clicked.

The pop-up window consists of:

- a header;
- a form (topic name and the **Browse** button);
- the **Close** and **Save** buttons.

When the **Close** and **Save** buttons are clicked, the pop-up window disappears.

Bootstrap is required for this task.

Example of the result:

The screenshot shows a web application interface. At the top, there's a dark teal header with a user profile icon, navigation tabs (Attendance, Schedule, Homework), and notification icons. Below the header, the date '23 APRIL, TUESDAY' is displayed. The main content area shows a table with columns for lesson number, group, subject, name, and a list of students. A modal window titled 'New homework' is open in the center, containing a 'Topic:' label, a text input field, a 'Choose file...' button, a 'Browse' button, and 'Close' and 'Save' buttons at the bottom.

1 lesson	2 lesson	3 lesson
Group	Subject	
ABC-1234	HTML	
Name		
1	Ashton Hickman	
2	Mischa Roberson	
3	Jaydon Metcalfe	11
4	Gary Jacobson	8

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Task 3

Implement an HTML page to view and enter grades for submitted homework.







The page consists of these blocks:

- a heading (logo and menu);
- drop-down lists to select the group and subject (nothing must change when the group or subject is selected, all you have to do is create a layout of the drop-down lists);
- a homework table.

The currently selected menu item **Homework** must be highlighted.

Bootstrap is required for this task.

Example of the result:

HOMEWORK					
Group		Subject			
ABC-1234		HTML & CSS		Show	
Student	18.04	14.04	12.04	10.04	
1 Ashton Hickman	 -	—	 10	—	
2 Mischa Roberson	—	 -	—	 9	
3 Jaydon Metcalfe	—	—	—	—	
4 Gary Jacobson	—	—	 11	 10	

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