Assignment

The goal of the assignment is to create a basic web portal and to use the most important HTML, CSS and Bootstrap elements. Also to extend a JavaScript and Bootstrap based To-Do management site.
https://github.com/siktdavid/MobWeb2023/tree/master/webdemos/todo1

Deadline: 10th of December 23:59

Assignment Details

Use the CSS and Components pages of the Bootstrap (https://getbootstrap.com/) documentation to solve the following exercise:

- The title of the Home page should be: Homework – Name, Neptun-code.
- Clicking on the Register link leads to a new page with the same top menu and a registration form.
- The registration form is a panel (bootstrap card) with the Registration header text.
- The form should contain fields for
  - Email (required), Password (required), Sex (male or female),
  - Age (integer, valid between 18-99)
  - Neptun
    - Case insensitive exactly 6 characters long, first character only letter, remaining 5 alphanum. characters
    - Eg.: abc123 okay, ABC123 okay, BaTmAN okay. 4bc123 not okay, 8ATMAN not okay, 8AtMAn not okay.
  - Introduction (max 5 rows), Accept terms (required)
- Create label for each input fields. The form should follow the design plans on different screen sizes.
- Place a (Bootstrap) red button Cancel and a (Bootstrap) blue button Submit at the bottom of the form. Clicking the Cancel button leads to the main page, while clicking the Submit button leads to the Todo page and sending the form data to the next page in the query parameters. (Processing the entered data of the form is not necessary!)
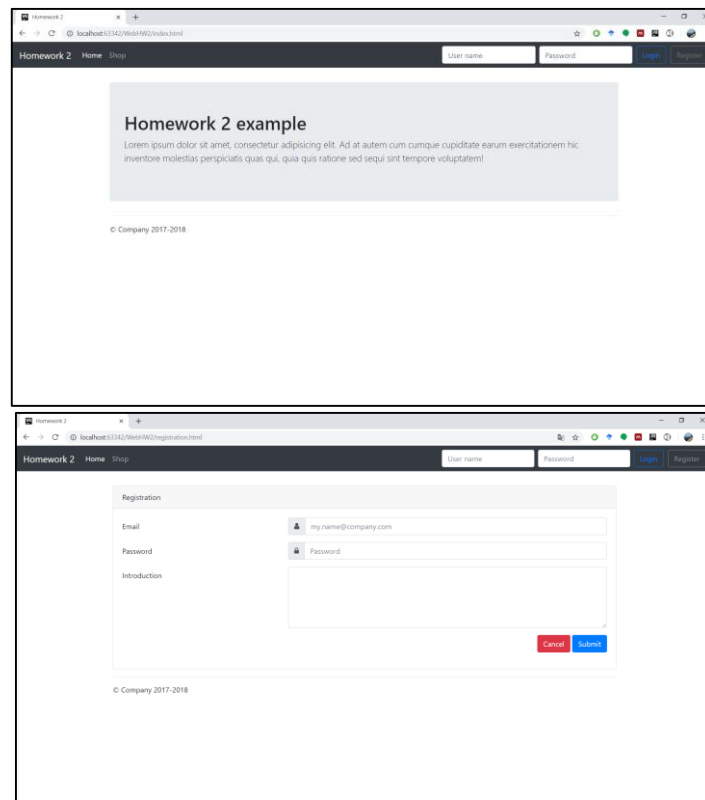
For this part use HTML and CSS only! (Don't use Javascript)

Extend the Todo application that was implemented on the lab with the following features:

1. Use the badges by menu items to show how many todo items there are in each categories.
2. Add the ability to change the order of the items to express the priority.
   a. Always work on the visible list that is filtered by the state and not on the whole list.
   b. Add two new buttons to move the items up and down in the list.
   c. Add the click event handlers of the new buttons in the renderTodos() function.
3. Persist the state of the Todo list to the localStorage of the browser.
   a. Saving the items. Loading the items.

Example solution (not full)

• Design plans:

≥ medium

< medium

Grading

The maximum is 10 points for a version which meets the requirements listed in the Assignment Details section. If your app crashes during testing or misses out some features, you will get reduced points.

Late submissions will get a point reduction: 0.5 point after each full day past due date.

Submitting the Assignment

What needs to be uploaded:

- The HTML, CSS, JS and other source files.
- PDF document that contains:
    - Screenshots for the three pages.
    - Explanations if necessary.
- Max. 2 minutes video showing the working features.
    - Navigation, Registration, Submit
    - Resizing the browser when the form is visible
    - Changing todo states. Moving the todos on different pages. Refreshing the page.

Compress these into a single zip.

Upload it to the https://edu.vik.bme.hu/mod/assign/view.php?id=101505 page of the course until the due date for Assignment.

Do not forget to finalize the submission!

If you have any questions regarding the assignment, the submission, etc. write me an email.