

# DOM

DEADLINE: 23/07/2019

## FOLDER STRUCTURE

```
FL11_HW11/*
├── task/ **
│   └── FLX_homework_11.docx **
├── homework/*
│   ├── src/*
│   │   └── app.js*
│   ├── assets/*
│   │   ├── material-icons/*
│   │   │   └── material icons files...*
│   │   └── styles.css*
│   ├── index.html*
│   └── .eslintrc.js*

```

\* - required  
\*\* - no need to submit

## TASK

Using the standard JavaScript functions, create a TODO task list to prepare cat for doctor visit (see Figure 1). The list should support following functionality:

- Add new action. If 'add new action' input is empty plus button is disabled.
- Mark action as done. Marked action can't be unchecked. (checkbox)
- Edit action. When user press 'edit' icon, label change to input field where user passed new item name and then press button 'save', then item name is change;
- Delete action. When user press 'delete' icon, item is removed without any confirmation.
- Drag & drop action. Each item can be moved up and down through list.
- Max item per list is 10.
- When list is full, input and plus button are disabled. Under 'TODO Cat list' header, notification 'Maximum item per list are created' is displayed.



Рисунок 1 - Общий вид интерфейса

## TODO Cat List

Add new action

☐ Find the cat
 

love cat

☐ Bathe a cat

Figure 2 — Edit mode

## TODO Cat List

Add new action

☐ Find the cat

☐ love cat

☐ Bathe a cat

Figure 2 — End edit mode

NOTE: Icons can be found at the link - <https://material.io/icons/> (they are already included).

Use icons like this:

`<i class="material-icons">done</i>` will display icon ->

## RESTRICTIONS

- jQuery or another JS library is forbidden.

## BEFORE SUBMIT

- Verify that code is formatted.
- Remove unnecessary code.
- Verify that all functionality is implemented according to requirements.
- Remove all non-relevant comments.

## SUBMIT

- The **FL11\_HW11** folder should be uploaded to GitHub repository "FL-11" into **master** branch

## USEFUL LINKS

- <https://developer.mozilla.org/uk/docs/Web/API/Document>
- <https://learn.javascript.ru/traversing-dom>
- <https://www.html5rocks.com/ru/tutorials/dnd/basics/>
- [https://www.w3schools.com/html/html5\\_draganddrop.asp](https://www.w3schools.com/html/html5_draganddrop.asp)