

Lab: Templating

Problems for in-class lab for the ["JavaScript Applications" course @ SoftUni](#).

Working with Remote Data

For the solution of some of the following tasks, you will need to use an up-to-date version of the **local REST service**, provided in the lesson's resources archive. You can [read the documentation here](#).

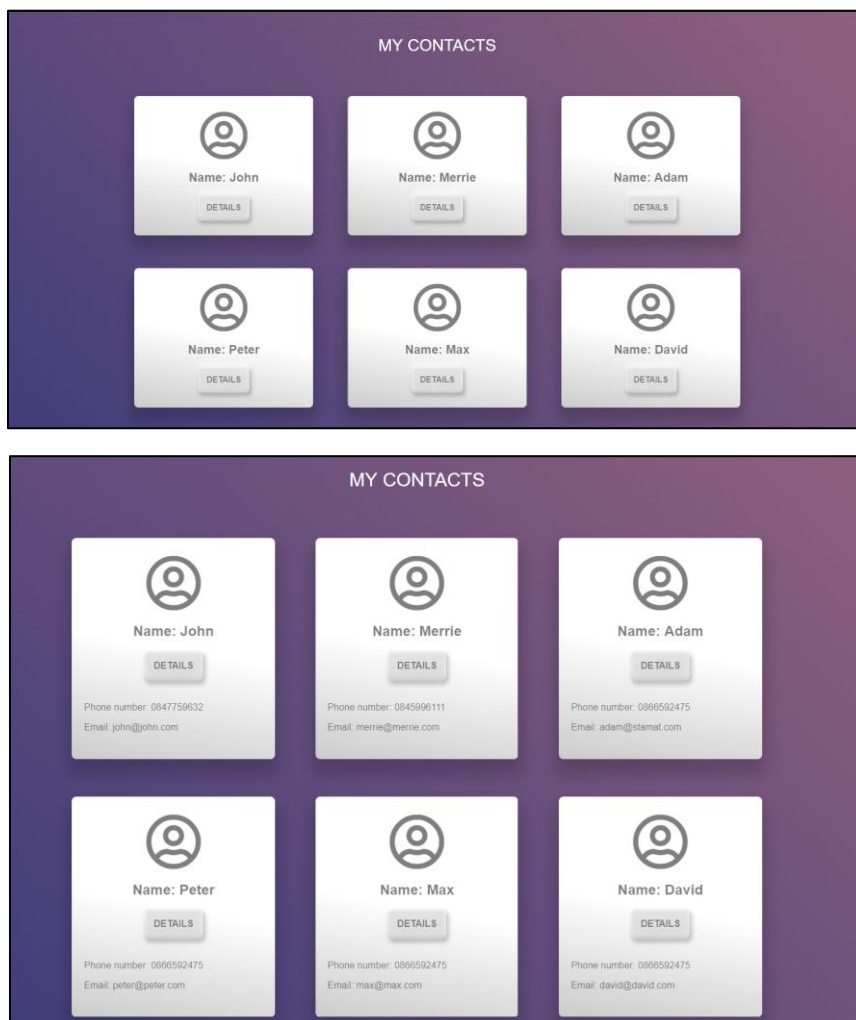
1. Contacts Book

Create a simple page containing some cards with contacts. Each card should have a **name** and a **button "Details"**. Each time the button is pressed, you have to **toggle a div** containing more detailed information about the corresponding contact.

You must create a **template** for the **contact card** and **render** all of them on the main page inside a **<div>** with **id "contacts"**. You will be provided with the **HTML**, **CSS** and a **JavaScript** file with contacts' data. Import the file **contacts.js** as a module.

See the file **example.html** for an example of how the rendered HTML should look like.

Example



2. My Cookbook – Refactoring

The resources for this task are available in the following GitHub repository:

<https://github.com/viktorpts/js-apps-workshop>

You may check-out the repository or download the files via the green button labeled “Code” in the upper-right corner. Use the files located in **lesson-06/base** to begin the task. Before starting, make sure you have the most recent version of the repository. To see the solution, check the files inside **lesson-06/finished**.

Refactor the existing code so that it uses **templates** to render each section and its contents, instead of static HTML derived from a file. You may use the **tests** from the **previous lesson** to continuously check if everything is implemented correctly.

3. My Cookbook – Part 5

Add **comments** functionality to the application. Unregistered users only see the list of comments:

Grilled Duck Fillet



Ingredients:

- 500 g Ingredient 1
- 3 tbsp Ingredient 2
- 2 cups Ingredient 3

Preparation:

Prepare ingredients

Mix ingredients

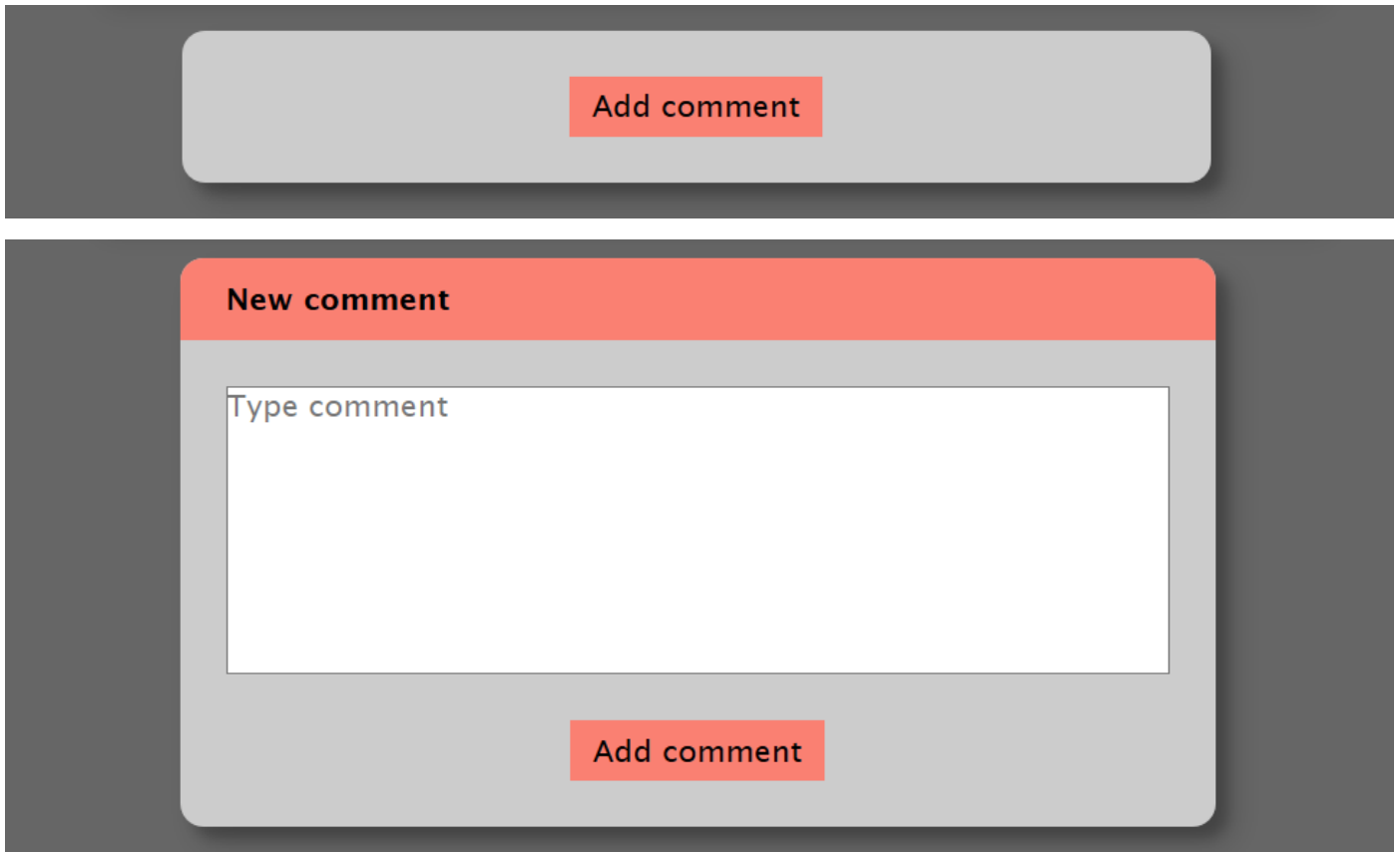
Cook until done

Comments for Grilled Duck Fillet

peter@abv.bg

Great recipe!

Logged-in users see a **button**, that **displays a form** for adding a new comment Any registered user can leave a comment under any recipe.



The image displays two UI components for adding a comment. The top component is a simple button labeled "Add comment". The bottom component is a "New comment" form, which includes a text input field with the placeholder text "Type comment" and an "Add comment" button.

Use the following endpoints:

- To load all comments for a recipe: **data/comments?where=recipeId%3D%22{recipeId}%22** (GET)
- To create a new comment: **/data/comments** (POST)

Each comment has the following structure:

```
{  
  recipeId,  
  content  
}
```

Where **recipeId** is the Id of the recipe, which the comment is associated with, and **content** is the comment's text content.