

Lab: Modular Applications

Lab problem 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. My Cookbook – Part 7

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-07/finished** to begin the task. Before starting, make sure you have the most recent version of the repository.

Add finishing touches to the application. Rewrite existing logic and features that you’re not content with. The following is a list of optional features that can be implemented:

Edit/Delete Comments

Currently, users can add comments, but cannot edit them. Add functionality, which displays Edit and Delete buttons for the author of each comment. For best UX results, the editing form should be displayed in place of the existing comment, instead of on a separate page (when the user clicks Edit, the element containing the comment is replaced with an element, containing a form).

Improved User Profiles

Currently, users are only identified by their email, which is not good practice, in case of publicly displaying this information. To resolve this, add a **username** field to the users’ profiles and display that with comment and recipes, instead of email.

Recipe Categories

Add a field **category** to recipes. The user should be able to select the category from a dropdown menu during creation and editing. Display the recipe category in its preview card and details page.

Category Pages

Add a category browser to the catalog. The user sees a list of all categories and can select and browse recipes only in this specific category.

Recipe Rating

Allow users to rate recipes that they haven’t created. Choose between a star-rating or like/dislike system.

Author Pages

Add the ability to browse recipes, created by a specific user. When the user clicks on the name of the author of a recipe, they are taken to a catalog of all recipes, created by the same author.

Modal Dialogs

Currently, if the application wants to communicate to the user (for error messages or confirmation dialogs), the information is displayed via browser modals. Implement modal dialog functionality and replace the usage of **alert** and **confirm** function calls.

Improved Error Reporting

Improve error reporting by displaying the relevant information where the user is expecting it – if there is a validation error in a form, display the error message inside the form and highlight the relevant input fields. If there is an error fetching data, display the error message where the data should normally appear. If an action cannot be performed, show a styled modal dialog, containing relevant information.

Loading Indicators

When the application is performing a network request, the user should be informed that something is happening in the background – implement loading indicators whenever the user should wait. While page information is being fetched, show a text message or animated spinner. When the user performs an action (e.g., clicking a submit button), make sure they get the appropriate feedback – disabled the button and other input methods to prevent double submission of the request and show an indicator that the application is waiting for a request to finish (animated spinner, notification, text message inside the button, etc.)

Endless Scrollers

Replace all pagination features with endless scrollers – when the user scrolls to the bottom of the content (recipe catalog, comments, etc.), they are either present with a button to “Load More” content, or the next chunk of content is loaded automatically and appended to the bottom of the page, instead of replacing the existing items. Display loading indicators while the application is fetching data.