

Different request methods

Overview

In this assignment, you will create a simple CRUD application that uses different request methods to create, read, update, and delete data from a server.

Process

The api we will use is <https://crud-examples.onrender.com/>

Step 1: Postman

Use postman to connect to the api and test the different request methods. You can use the following endpoints:

<https://crud-examples.onrender.com/> - GET and POST

<https://crud-examples.onrender.com/:id> GET, PATCH, PUT and DELETE

The backend stores an array of objects with the keys "id", "name" and "content". The id is a unique identifier for each object. name and content only hold strings.

Step 2: Create a new project

Create a usable front-end for sending requests to the api. You can use one form with multiple buttons, or multiple forms.

Output the results in a readable way. Cards, tables or lists are good options.

The user should be able to:

- Create a new item (POST)
- Read all items (GET)
- Read a single item (GET)
- Read all items with the same name (GET)
- Update an item or add if it does not exist (PUT)
- Update an item only if it exists (PATCH)
- Delete an item (DELETE)

Step 3: Create your endpoint

In groups come up with a new endpoint for the api. Give strict rules for how it should be accessed and what data it should return.

Create example requests and example responses for the endpoint.