

Task 7 - Ajax

Final date to submit: **2 of December**

You must upload the project to your Github repository.

Next, in your portfolio, you have to add a public URL to the code in Github and a link to the executable application.

The total score is 10 points, with one point awarded for submitting the project before the final date. I will check the modifications on Github.

After the final date, the task will be closed and reopened on the recovery date.

In this project, you will work with an API about gas stations in Spain. This is an official resource from the government, but you will need to investigate how it works, as only some endpoints are required to build the app.

The main objective is to create a simple application where the client can filter gas stations using a "select input" by province, municipality, and fuel type. Additionally, you must include a checkbox to filter gas stations that are currently open.

When the client applies any filter, a list of gas stations should be displayed, including their address, town, province, schedule, and the price of the selected fuel type.

To filter by municipality, clients first need to select a province to populate the municipality select input. To filter by fuel type or check if they are currently open, you must use the list for the selected province or municipality.

You can use the official web application; it works as expected.

API:

<https://sedeaplicaciones.minetur.gob.es/ServiciosRESTCarburantes/PreciosCarburantes/help>

Official web application:

<https://geoportalgasolineras.es/geoportal-instalaciones/Inicio>

Scoring:

- The application correctly displays a list of gas stations using the API when clients filter by province and municipality. **5 points**
- Clients can filter by fuel type and if the stations are currently open. **3 points**
- The project is submitted by the established deadline. **1 point**
- Everything is written in English (code, commits, etc.). **1 point**