

Unit 2

Angular



Test

Client-Side Web Development
2nd course DAW
IES San Vicente 2024/2025

Services

Services are located in **categorias-services** folder. Execute **npm install** and **npm start** to launch them.

- <http://localhost:3000/categorias> (GET) → Returns an array of categories

```
{
  "categorias": [
    {
      "id": 2,
      "nombre": "Procesadores"
    },
    ...
  ]
}
```

<http://localhost:3000/categorias/:idCategoria/productos> (GET) → Returns all products from the selected category

```
{
  "productos": [
    {
      "id": 2,
      "nombre": "AMD Ryzen 9900X",
      "precio": 469.95,
      "categoria": 2
    },
    ...
  ]
}
```

<http://localhost:3000/productos> (POST) → Inserts a product and returns it with the id set. Example of request and response:

```
{
  "nombre": "AMD Ryzen 9800X3D",
  "precio": 557.95,
  "categoria": 2
}, {
  "producto": {
    "id": 4,
    "nombre": "AMD Ryzen 9800X3D",
    "precio": 557.95,
    "categoria": 2
  }
}
```

<http://localhost:3000/productos/:idProducto> (DELETE) → Deletes the product with the specified id. The response is void.

Client

You have an Angular app skeleton with bootstrap installed and the necessary HTML inside `app.component.html`. Also, interfaces for category, product and server responses are provided. You must implement the following:

1. Showing categories

Make a GET request to get the categories array. Add the categories to the corresponding list (there's an example ``).

Set a click event on each `` to load the corresponding products.

2. Showing products

When you click on a category, you must get and show the corresponding products on the right list. Format the price in euros using the currency pipe.

3. Adding a product

There's a form to add a product. When submitting it, add the product returned from the server to the list of products. **Disable** the submit button when no category is selected.

4. Deleting a product

Products have a button to delete them. Implement the click event and delete them from the array when the server confirms.

Categorías	Productos
Procesadores	AMD Ryzen 9900X Precio: 469,95€ Borrar
Tarjetas Gráficas	Intel Core i5-14600KF Precio: 249,95€ Borrar
Memorias	AMD Ryzen 9800X3D Precio: 557,50€ Borrar
Monitores	

Nombre	<input type="text" value="Intel Core i7-14700K"/>
Precio	<input type="text" value="425,85"/>
<input type="button" value="Añadir"/>	