**Web Shop Frontend**

In our company, we have decided to build a web shop so we can present our products to the customer. The web shop should display all products and allow customer to filter and search for relevant products.

When the customer finds a relevant product, he/she should be able to add it to a shopping cart.

**Acceptance criteria**

* The customer is presented with a grid of available product offerings, including title, image, and price.
* The customer can filter product selection based on category.
* The customer should be able to search for a specific product based on title or description.
* The customer can click a product to get a detailed page with title, image, price, and description of the selected product.
* The customer should be able to add the product to a session-based shopping cart.

**Technical requirements**

* The web shop should be a responsive web application.
* The application must function as a single page application (SPA) and not reload the page between views.
* You can choose your own SPA framework
  + In Telenor we have standardized on Vue 2 with optional Nuxt. We also look to migrate to Vue 3 at some point.
* The application should handle state of the shopping cart items.
* (Optional) The user should be able to sign up and login to save shopping cart for late visits.

**Other information**

* For integration you can use a dummy API service at <https://fakestoreapi.com/>, or other if you have any personal preference.
* You should make the project available on github, after the review.
* This does not need to be a feature complete solution. We are interested in your ability to prioritize, understand code & framework, and time management.
* You will be given 1 hour to present your solution and discuss the technical aspect with us.