# C# Test task

## Required Technologies

C#, .NET, XML, LINQ, JavaScript (vanilla or any JavaScript framework)

## Description

The task is to create an ASP.NET project displaying at least two different views containing information from attached xml files according to wireframes on the page below.

The first page (list page) should display all the information from list.xml and availability from detail.xml. The availability should be retrieved with ajax call(s) from the second page. The user should be able to sort the products by price and popularity in both ascending and descending direction (to be solved with JavaScript or any JS framework). Additionally, on list page product block, the product id should be inserted to the product description dynamically (as per wireframe).

The second page (details page) should display information from list.xml and detail.xml, fields required are displayed on the wireframe. Details page product data can be accessed from detail.xml except the price which has to be retrieved with LINQ join query from list.xml. Details page must have one .NET web service returning products availability as a JSON object for list page.

Products in xml files are linked by Product node attribute id.



Bonus points:

* If list page remembers sorting type and direction when user is browsing between list and details page.

What will be assessed:

* Functionality and the logic of the pages.

## Wireframes

### List page

### A screenshot of a cell phone Description automatically generated

### Details page

