Technical test requirements

Introduction

Skipper NDT is a company that creates digital twins of underground structures using magnetic data mapping.

Typically, Skipper NDT is able to detect the positions of a metallic pipeline - gas, oil or water - with great precision using magnetic data and proprietary algorithms for its processing.

A Skipper NDT inspection is the result of the acquisition and processing of data.

The test

Given a set of data representing inspections data in file *inspectionData.json,* you are tasked with implementing a single page application to list all the inspections that have been performed. Each inspection has to be represented with one component. The component must allow us to consult all the data relative to the inspection.

You are free to choose whatever graphics and visual representations you wish.

As a bonus task, you can also implement unit tests for the components you have created.

The result must be accompanied by clear instructions on how to deploy the app.

If you are not familiar with Svelte/SvelteKit (which is the framework we use for our web application), you can implement a solution with the framework you are most comfortable with.

Evaluation criteria

You will be evaluated on the quality of your code, on the architecture and on the appeal of your visuals.