

Home Assignment

The purpose of this challenge is to evaluate your technical skills and learning capabilities.
This is a home assignment and you are encouraged to use any resources at your disposal.

Overview

Write a small single page application that lets sellers fill their COGS (cost of goods) of each product.
The app should display the seller's products (that will be provided to you), and once the seller selects a product from the list, the seller will be shown a form page where the seller can update COGS fields of the selected product.

App requirements:

- Create a web application that allows sellers to edit their products' cost details.
- Create a web server that exposes the following APIs:
 - GET - /products - retrieve a list of seller products
 - POST - /cogs - save the cost data for a product
- For each product you should show:
 - Unit manufacturing cost (currency)
 - Shipment unit cost (currency)
 - Monthly advertising cost (currency)
 - Manufacturing country (dropdown)
- State should be maintained in external DB or file system

General requirements

- Make sure to include tests for your application
- Make sure to include clear instructions on how to execute/view the application running
- Feel free to design the UI/UX however you think

Attachments

- products.json - products lists with initial COGS state
- countries.json - list of countries for "Manufacturing country" dropdown

Good luck.