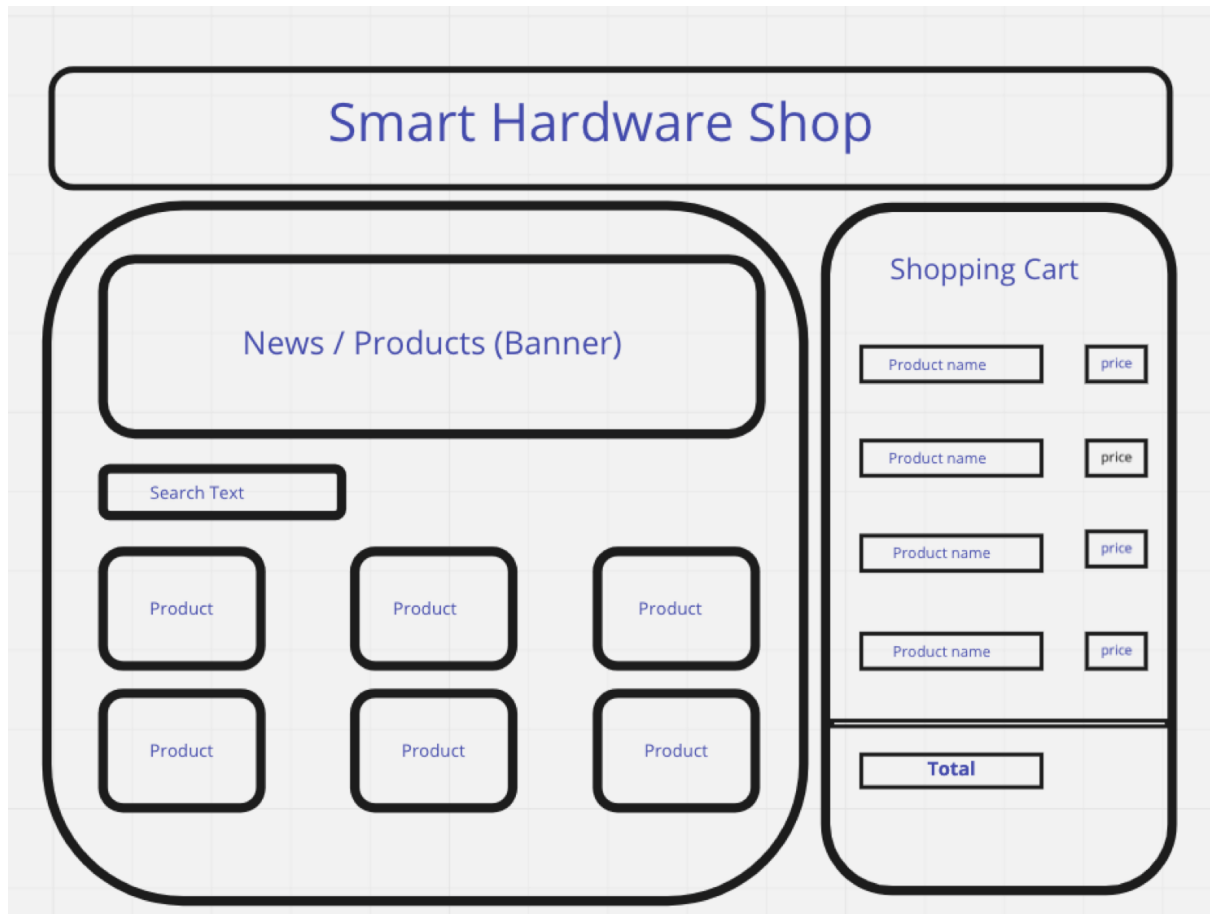


The Hardware Store

Your local hardware store feels the pressure from Amazon.com and wish to offer their products online.

The owner's nephew has drawn up an UI and you are now tasked with the creation of an POC/MVP.



You are asked to deliver a minimal solution (see drawing):

- a list of products
- a cart
- a way to add products to the cart
- a way to empty the cart

A backend written in Java

The owner read in a blog post that Micro Services and Spring Boot is **the way** to write back ends so he will be pleased if you use this stack.

You are not asked to save data to a database, but the owner might ask questions on how this should be done in the future.

The importance of tests was also mentioned in the blog post.

A frontend written in Angular.

Competing with Amazon will not be a simple task, so the owner decided **Angular** is the best framework for the Front End. You might use something else (React and Vue was mentioned in the blog post), but the owner is really keen on Angular.

Test was also mentioned as an important part of front-end development in the blog post, so expect bonus points from the owner for relevant tests.

The owner asks you to do the following by next week:

- Create the solution on GitHub and share the code with the people specified by email
- The owner expects instructions on how to build and run the code
- Search is drawn on the UI sketch, so you should either implement search or explain how this should be solved the next time you meet the owner
- Authentication and payments are not a part of this MVP
- Don't spend time on design, the owner's niece will take care of this later. But she did mention something about "semantic html" and "material design"