


Coding Case: Army Surplus and Outdoor shop



Source: Photo by Julian Bialowas on Unsplash

The employee responsible for building a site for the "Army Surplus & Outdoor shop" has left her position in favor of another job. She has left the website half finished. In your capacity of a front-end developer, you have agreed to complete her work, focusing primarily on expanding the site's main navigation on the main page and related product pages. Right now, the main navigation is not mobile friendly and is not aligned with today's standard. You are working as a part time consultant on the project.

After a quick tour around the [existing solution](#), you decide to upgrade it with the following navigational elements and improvements:

- Highlighting the current navigation element that is active as a "You are here" marker.
- A mobile friendly main navigation menu with a burger icon  and an overlay toggle menu that covers the top of the screen.
- A search bar.
- Breadcrumbs on product pages.

You start coding

A new sprint period

Five month after your job as a consultant in the “Army Surplus & Outdoor Shop”, you are receiving an email from the company director. They have great success with their business and have expanded their product range. Now they want you to update the navigation on their website to include the new product categories. You are receiving a list with the new categories:

Belts Pants Coats Gloves / Scarves Caps / Hats Jackets Fleeces Shirts T-shirts Backpacks Underwear Shoes	Shoulder Bags Vests Glasses Field Bottles Helmets Knives Lights / lamps Sleeping Gear Cookware Boots
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You plan to use the existing main categories “Clothing”, “Footwear”, “Bags” and “Equipment” and you perform a card sorting procedure, where you place the new product categories as subcategories to the main ones using post-it notes, one category on each post-it note.

You make the company director validate your categorization and he agrees.

Now, the company director selects two customers who are willing to participate in card sorting. You visit them both respectively and they perform the card sorting procedure. Again, you are in luck. Both customers place the cards in exactly the same way you do. You find the result of the card sorting on the next page.



Photo by Kelly Sikkema on Unsplash

Your idea is to

- Enhance the main navigation with pull down menus for large screen sizes and an accordion menu for small devices.
- On product pages there must be a navigation menu on the left side where the product subcategories are shown.

You start coding...

Clothing	Foodwear	Bags	Equipment
Belts Pants Coats Gloves / Scarves Caps / Hats Jackets Fleeces T-shirts Underwear Shirts Vests	Shoes Boots	Backpacks Shoulder Bags	Glasses Field Bottles Helmets Knives Lights / lamps Sleeping Gear Cookware

Table 1: Final result of card sorting