24 Hours Code Challenge - Vanilla HTML, CSS & JavaScript Ecommerce Landing Page with Shopping Cart

GOAL

We would like to see the implementation of a web page for a web shop. The front end implementation needs to be pixel-perfect i.e. it needs to look exactly like the provided wire frames. You only need to implement the front page of the web shop and the shopping cart feature. The shopping cart feature needs to use JavaScript i.e. be interactive and not static. See instruction sections for details. Demonstrate that you can implement a version of the page which runs in a web browser. This can be a static page except for the shopping cart feature i.e. adding products to the shopping cart and viewing the shopping cart.

OVERVIEW

This test challenge is built to help us assess different dimensions of your skills:

1. Your familiarity with web development in particular HTML and CSS
   a. We are interested in how you implement our design vision
   b. While this project is small, we'd like to see it coded as if it would be the beginning of a larger software project. Structure and quality code is important.
   c. We've timeboxed the development to 24 hours with the intent of not having you spend hours researching how to do something in a programming language. You should know already even if sometimes you have to look up something
2. Your familiarity with JavaScript
   a. We are interested in seeing how you use JavaScript in a ecommerce page
3. You can use any backend framework, if you need to store data e.g. to store on the server or in a cookie or session. For example, which products have been added to a shopping cart

REQUIREMENTS

Use Cases
- Create a public github repository to contain your work *(optional)*
  a. Follow what you understand to be best git development practices *(optional)*
  b. Share this repository with us upon completion of the exercise *(optional)*
- If you are not familiar with git then alternatively, just share the files directly with us e.g. via GoogleDrive
- Design and build *only the first page / landing page* of a ecommerce fashion site following these instructions
  a. Base the web site on this Figma mockup / wireframe: Wireframe

b. Watch this video to find out how to inspect elements in Figma to see properties such as margins, fonts, pixels etc. The video will also explain how to export images from the Figma mockup which you can use in your web page: Video

c. Use any framework or library e.g. Bootstrap or Foundation that you like or just use plain / vanilla HTML, CSS and JavaScript. Just make sure to demonstrate your web development skills.

d. Add a shopping cart feature using JavaScript
   i. Add "buy" buttons to the "Recently Bought" products section of the web site. See screenshot.
   ii. Add an overview for the shopping cart to the menu bar to show the items which have been added to the cart. Here is an example
   iii. Add a shopping cart page which is shown when you click on the shopping cart item in the menu bar. Here is an example
   iv. Users should be able to to add and remove items from the shopping cart
   v. Please note that the shopping cart feature does not have to be pixel-perfect, because we are not providing you with Figma mockups, but just with examples. You should try to copy functionality and style of the examples, but we won't be strict with the appearance as long as the functionality works.

- Share with us the source code of the web page
- Create a video recorded (ex. via zoom) demonstration of the ecommerce fashion web site. This should be a walkthrough with voiceover discussing the web site and explaining each of the decisions, considerations and tradeoffs that were made in your code and design.
   a. Walkthrough video with voiceover of you running the web page in your browser and explaining what you have built
   b. Walkthrough video with a voiceover of you showing your code and explaining each of the decisions, considerations and tradeoffs that were made in your code.
   c. Also talk about your design choices particularly in regards to UX and usability

SUMMARY RESULTS

Within the 24 hours of the challenge send us your results. Check on this list whether you prepared and have sent everything

- Your code of the implemented website (only first page / landing page)
- Interactive shopping cart: A user can add and remove items from the cart without having to refresh the page i.e. without having to reload the page

- Video of you showing the website / page in your browser (see instructions above)
- Video of you showing and discussing your code in your editor (see instructions above)