

Frontend Dev Practical Test

Thank you for your interest in joining the HulkApps Team! Please work on the below small projects for your practical test. You are not obligated to do it entirely but it is a huge plus in your overall evaluation if you submit a complete project.

Some tips to help you stand out:

- Try to keep the file structure clean and easy to follow.
- If you are familiar with VueJs, Modern Javascript, etc showcase it.
- Share your notes on anything you want to point out.
- Share Test cases from QA and alternative methods to achieve the same output.
- Make sure the code is well documented and comments are present for each function for better understanding.
- Make sure you use proper validation.
- Make sure you follow proper guidelines and code standards.
- Use Modular Javascript and class concepts to create reusable components.
- Lastly, if the test feels too long and you don't have the time, it's ok. We can understand. However, finishing it completely also shows us your commitment. Either way, we'll take whatever you can do.

Product Grid With Cart Drawer

Languages / Frameworks Accepted:

Bootstrap(4-5) / Javascript / JQuery / Vue JS

XD File:-

<https://drive.google.com/file/d/1dDCay76ykRnrUk9NZ7U2Gy-iqPaizP0S/view?usp=sharing>

Dev Link:-

<https://xd.adobe.com/view/4bcb9dbf-0f6b-4e71-a393-992e368e053a-1e98/>

DEVELOPMENT NOTES

- Build Interactive UI using XD the file provided with this task.0
- The Data for UI can be fetched from a local JSON file using fetch call. The file data can be found [here](#).
- The JSON contains a **variants array** that represents all product variations in detail.
- There are options for the color(option2 key from each variant JSON). so when we change the color you need to change the appropriate image on the image section. (All images are provided in the JSON API)
- **AddToCart** functionality, By clicking Add To Cart button it should add the product to the cart. (Refer to XD file behavior and UI)
- The Cart Drawer should show items added to the cart. One should be able to manage the product using the qty button, One should be able to remove the

item from the cart drawer using the remove button. Every action should reflect in cart subtotal.

- Use class-based javascript and follow ES6 standards for Javascript code if at all possible.
- If you have any queries you can ping us before you start working on this practice.

DESIGN NOTES

- Utilize Design Framework Bootstrap (4 or 5), etc.
- Make clear sections with instructions.
- Try to beautify the design pages by using the Component Library.

Scroll Animation, Product Grid With Cart Drawer

Languages / Frameworks Accepted:

Bootstrap(4-5) / Javascript / JQuery / Vue JS

XD File:-

<https://drive.google.com/file/d/1e6dQPL4vVcc4soOrPT6mBIU-GXeg4rs7/view?usp=sharing>

Dev Link:-

<https://xd.adobe.com/view/39496e75-e95a-4dd4-aafd-a0a609fa4e8f-6c1a/>

DEVELOPMENT NOTES

- Build Interactive UI using XD the file provided with this task.
- For the 2nd section, We created a very rough mockup gif to give you an idea of what we are envisioning. I've attached the GIF, you can [view it here](#).
- I saved individual PNGs of each moving piece. they can be found in this folder [view it here](#).
- The Data for product grid UI can be fetched from a local JSON file using fetch call. The file data can be found [here](#).
- The JSON contains a **variants array** that represents all product variations in detail.

- There are options for the color(option2 key from each variant JSON). so when we change the color you need to change the appropriate image on the image section. (All images are provided in the JSON API)
- **AddToCart** functionality, By clicking Add To Cart button it should add the product to the cart. (Refer to XD file behavior and UI)
- The Cart Drawer should show items added to the cart. One should be able to manage the product using the qty button, One should be able to remove the item from the cart drawer using the remove button. Every action should reflect in cart subtotal.
- Use class-based javascript and follow ES6 standards for Javascript code if at all possible.
- If you have any queries you can ping us before you start working on this practice.

DESIGN NOTES

- Utilize Design Framework Bootstrap (4 or 5), etc.
- Make clear sections with instructions.
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Collection page with Buy Now using Shopify Javascript Buy SDK

Languages / Frameworks Accepted:

Bootstrap(4-5) / Javascript

Concept Reference: [Open Link](#)

Dev Link:

<https://xd.adobe.com/view/f53348e7-760d-489f-a1ca-f19628886d61-a060/>

XD File:

<https://drive.google.com/file/d/15T-AUYo4X3THYb3EQbeAdnobmab7vfS7/view?usp=sharing>

Domain: demo-dawn-vibha.myshopify.com

storefrontAccessToken: ea1baba50c81816b5fea3d076cb21a37

DEVELOPMENT NOTES

- Build Interactive UI using XD the file provided with this task.
- About shopify Storefront check [here](#).
- About collections check [here](#).
- As per XD files the UI consists of a Collection page with Product Listing with variant selection and Add to Cart btn / Pagination / Cart drawer and Checkout feature.
- For Categories There are two values Men(**men**) / women(**women**)
- For Cart Drawer it should show the added product. It also has a Checkout button which redirects users to the checkout page with selected Line items.
- All selection including cart Items must be preserved on page load.

DESIGN NOTES

- Utilize Design Framework Bootstrap (4 or 5), etc.
- Make clear sections with instructions.
- Try to beautify the design pages by using the Component Library.

Expected Deliverables

- Share a link to your project repository (Github). It must be a public repository
 - Please use English while writing readme.md
- You can host the code or you can include deployment instructions in your Readme.md file, especially if you are using an advanced tech stack.
- The Readme file must have
 - Tech stack used, including specific libraries/versions.
 - Project setup guidelines
 - A quick paragraph with how you approached the project, what you liked, what you didn't like, and where you faced issues.
 - Estimated time to complete your test.
 - What is pending from your side?

We look forward to seeing your submission.

Thank you!!