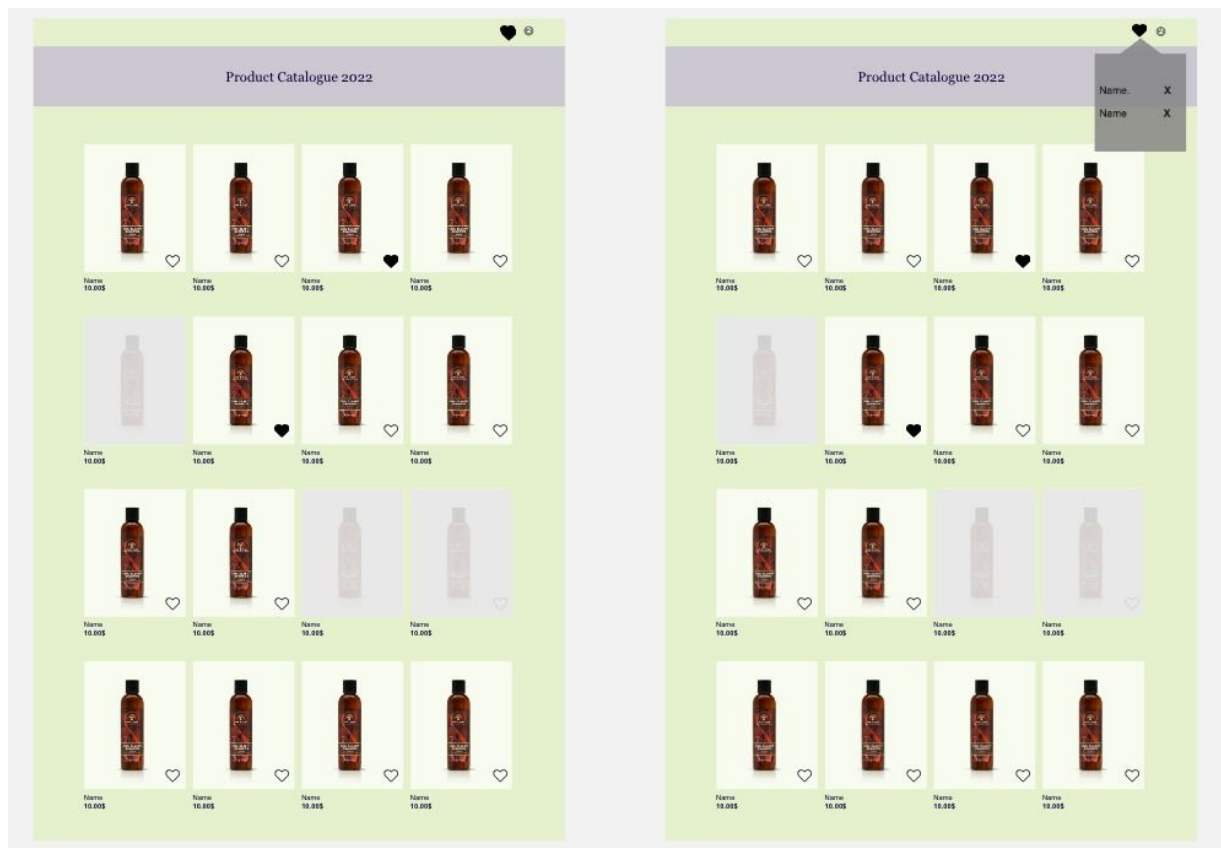


# Carra Coding Task

## Requirements

This frontend coding task is a mock exercise of turning a proposed design into a working prototype. Your task is to build the product catalogue page as illustrated in the mockup below.



The product data should be fetched from the API located at <https://62153783cdb9d09717b21f66.mockapi.io/api/v1/catalogue>

## Key features we would like you to implement:

- Display the list of provided items from the API
- Shortlist / deshortlist items in the list by clicking the "heart" button. Note that shortlisted items heart button is filled in
- Items that have been discontinued should appear greyed out
- List of shortlisted items should be accessible from the "shortlist drawer" in the top right corner of the page. Users should be able to remove items from the

drawer, and the list should reflect the changes and vice-versa

We want you to approach the task with the tools you're most comfortable with however we would like to see your technical proficiency in:

- **React** (Next.js preferably)
- **TypeScript**
- **Styled Components** or similar CSS-in-JS methods
- **Testing**

### Sample JSON schema

```
1  {
2    "createdAt": "2022-02-25T20:26:50.013Z",
3    "name": "Handcrafted Soft Tuna",
4    "image": "https://cdn.shopify.com/s/files/1/2099/9651/pr
5    oducts/Jessicurl_Gentle_Lather_Shampoo_400x.jpg?v=1518480502",
6    "price": "282.00",
7    "offers": [],
8    "discontinued": false,
9    "id": "1"
}
```

### Assets

- You can source assets, such as the heart image from sources such as Google Material library <https://fonts.google.com/icons?selected=Material%20Icons%20Outlined%3Afavorite%3A>



### Tips for success

- We don't expect a pixel perfect solution with bell and whistles, however, we want you to code with production readiness and performance in mind
- A well tested component is a reliable component
- Communication is key - document your thought process. If your submission can be made with a git commit history, it will be a bonus!
- Your time is valuable so please don't spend indefinite amount of time it. We estimate that it should take no longer than 2 hours to complete

## How to make your submission

You can send your finished solution in either of the following ways:

1. Send us a link to a **public repository** (eg. Github, Bitbucket etc). If you're sending a repo link, ensure that it contains a valid `package.json` with build, run and test scripts
2. Host your code on a **public code sharing** platform (eg. [codesandbox.io](https://codesandbox.io))
3. Send us a link to a **public downloadable ZIP** archive

Good luck and have fun with it! ❤️