

# Getting to know each other better ( ~60-90 Mins~)

We are currently building a modern web app that *majorly* utilizes the following stack. This is primarily what you would be coding in.

- React
- Redux
- Redux Saga
- NodeJS/Express
- Reselect
- Immutable.js
- CSS in JS

In order to assess a better fit , we need to look at understanding/application of the above. The exercise below focuses on setting the stack from ground up

## Source Data

Use the following JSON as a starting point for your data -

<http://jsoneditoronline.org/?id=0ccb593c878e42e89f0e2cd8eb31e42a>

## The ask

Use the JSON to construct a Product grid, given a component based architecture, the following could be *one* way of of organizing your product.

- Product grid Container
- Product tile/card Component
- Add to Cart Component
- ...

## Nice to have

- A nice looking product tile, e.g:  
<https://www.target.com/c/umbrellas-accessories/-/N-5xtbc>

## What we are looking for

- React, Redux , Saga, Reselect usage and organization
- Plus points for SSR - Node
- Architectural patterns

## Acceptable

- Use of a boilerplate as a starting point.

## Mode of deployment

- <https://codesandbox.io/> if attempting CSR
- local node setup if attempting SSR
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## What works usually

- Trying to make things work end to end.
- Focusing on one aspect vs others given the time limit.