React Test

**1#**

What is props drilling and how can we improve this mechanism for large scale applications?

(Explain in your own words)

**2#**

What are refs and when to use them ?

**3#**

Why we use middlewares in React like (Redux-Saga, Redux-Thunk etc) ?

**4#**

What is the replacement of componentWillReceiveProps lifecycle method in React v17, what parameters do that method accepts?

**5#**

**TASK:**

Make a screen which shows the list of all dog breeds got from API.

The API end point will be:

**https://dog.ceo/api/breeds/list/all**

**TYPE: GET**

Clicking on any of the breed will open a MODAL popup, and it will show all the images of that particular breed. For instance, we click on **hound,** so the Modal will show images of hounds.

API endpoint to be used:

[**https://dog.ceo/api/breed/{breedNAME}/images**](https://dog.ceo/api/breed/hound/images)

**TYPE: GET**

The images will be shown in form of a GRID. (Rows and Cols). Each row will have 5 images.

You can use any UI library for your ease.

NOTE: ***API callings will be done via middleware (Redux-Thunk or Redux-Saga).***

Note : Please submit code and your theory on github : https://github.com/prism-me/react\_jobtest.git