Module Test - React :Shopping cart application

**Project description :** Make a real life shopping cart application where there are 2 pages - First is the home page where you fetch a list of products from an API & the products are displayed. The second page is my cart Page. The goal is to accomplish the cart functionality using redux. So make a redux state for your cart and make a redux state of all the products that you get from the API.

**Total marks :** **100**

**Time duration : 90 minutes**

**Figma Design Link :** <https://www.figma.com/file/pAUfROabTrlDYq7zEOI5IT/Untitled-(Copy)?type=design&node-id=0-1&t=QjgSwZluVsHONAzb-0>

**Deliverables [Total marks : 95] :**

1. Home Page : **[35 marks]**
   1. Fetch the products from this api link - execute a get request at this link -

<https://dummyjson.com/products>

* 1. This gives a list of 30 products, all of which have an ID, title, price and image. Show all of these in the UI and create an add to the cart button.
  2. Map the products as shown in the home page and on click of add to the cart button - add the object in the redux state.
  3. Make sure that if an item is already added you cannot add it again.

1. My Cart Page : **[40 marks]**
   1. Get your cart products from the redux state and map them as shown.
   2. On click of the remove from the cart - again update the redux state everytime.
   3. On the right side, make a sidebar where you show the final checkout list and also the total price.
   4. On click of the checkout button - get rid of the entire cart and reset the redux state of my Cart and display a success message saying that items have been checked out.
2. Decent UI of all the pages.**[20 marks]**

**Project Deployment & submission [Total marks : 5]:**

1. Title of your folder in github should be in the following format : **[2 marks]**
   1. “Your name, React Test, Date of submission”
   2. Example : “John\_Doe\_React\_Test\_2nd\_July”
2. Once the assignment has been created, upload all the folders(Except the node modules folder, as it is a very heavy folder) on github & commit (save) all the changes, make sure you add a readme file containing detailed description of your thoughts during the assignment creation. **[2 marks]**
3. Once done, kindly copy the github link of your assignment & submit the same using your dashboard. **[1 mark]**