

Exercise 09: React JS Part 2: State Management

Title: React components of Lazado E-commerce site

Type: Individual Assessment

Score: (15 points)

Program specifications: You have been tasked with designing the new e-commerce website for Lazado, which will utilize the MERN stack. To practice React JS, you begin by implementing state management.

Note: Do not use pre-made stylesheet frameworks

Lazado

AppliancesGadgetsAccessories

Item with picture

Add to cart

Item with picture

Add to cart

Item with picture

Add to cart

Item with picture

Add to cart

Shopping cart (Total: 2)

Item nameQTY✕

Item nameQTY✕

A. Design (2 points)

Create a ReactJS Application and customize the store's homepage. It is required to utilize the flex layout for both header and body of the website. The webpage must have a header that has a name. You can customize it if you like.

B. Functionality (8 points):

- The navigation panel must have a reusable component for each navigation button.
- The app's initial state should feature a minimum of four lists of items in the market, as expected in the provided image. Introduce a new component dedicated to the cart functionality.
- The "Add to Cart" button should display a frontend list of items added to the cart, with the app accurately tallying the total number of items in the cart. A delete button should delete an individual item in the shopping cart.
- Shopping cart interface will occupy the right hand side of the application (flexbox).

C. Put all the components in one folder named "components"

Submission Guidelines: Accept the invite link posted in the Google Classroom's exer 10 to create your own GitHub classroom repository. Push your files in your Github repository. Make sure to include the package.json file. DO NOT INCLUDE THE node_modules/ folder. Kindly put a .gitignore file so that the node_modules will not be pushed to your remote repository. Do not forget to document your code with comments.

After you are done with your exercise, click the mark as done button in the Google Classroom Assignment.

Scores breakdown:

Criteria	Description
Design (2 Points)	See specs
Functionality (8 Points)	See specs
Use of GitHub (5 Points)	<ul style="list-style-type: none">• Commit Messages - 3 points• Documentation/ReadMe -1 point• Use of GitHub classroom's repository for GitHub Pages - 1 point

ReadMe:

1. Full Name
2. Section
3. Code Description