

## Exercise 08: React JS Part 1: Components

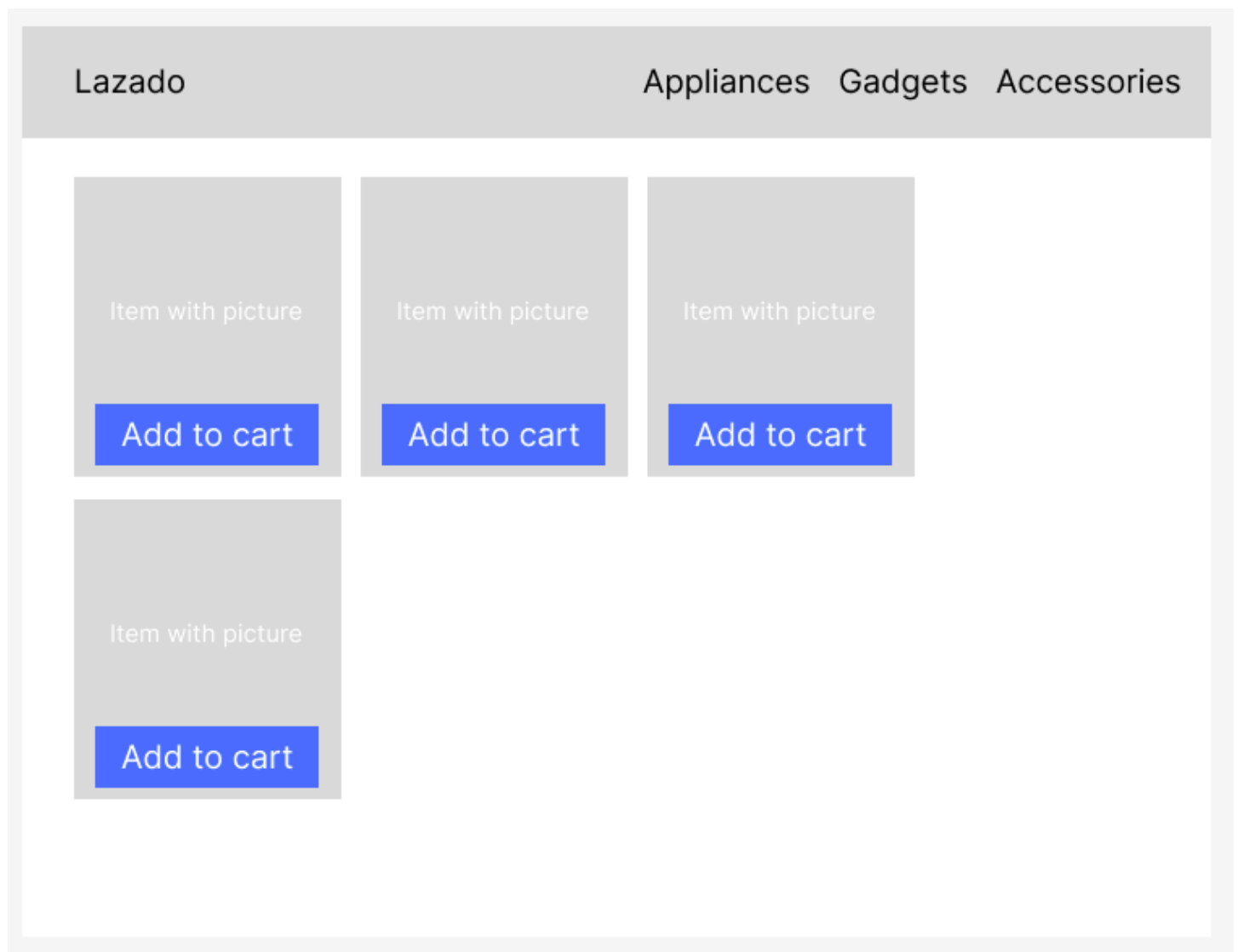
**Title:** React components of Lazado E-commerce site

**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 reusable components.

**Note:** Do not use pre-made stylesheet frameworks



### A. Design (5 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 (5 points):

The navigation panel must have a reusable component for each navigation button.

Example:

```
const menus = [  
  { name: "Appliances", url: "#", id: 1 },  
  { name: "Groceries", url: "#", id: 2 },  
  { name: "Gadgets", url: "#", id: 3 },  
  { name: "Clothing", url: "#", id: 4 },  
];
```

### C.

The **add to cart** functionality does not need to be appended in the `pushcarts[]` array, but it is recommended. The result will be checked in the console.

Example:

```
Added Asahy Power Juicer to the cart!  
Added Samsung Washing Machine to the cart!  
Added Hanabesh Electric Fan to the cart!
```

### D.

Put all the components in one folder named **"components"**

**Submission Guidelines:** Accept the invite link posted in the Google Classroom's exer 9 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 (5 Points)	See specs

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

ReadMe:

1. Full Name
2. Section
3. Code Description