

# Software Studio

## 軟體設計與實驗

# React Shopping App

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# Goal

- **Fork** the repo to your local repository
- Run **npm install** in project folder

```
PS C:\Users\User\Desktop\Lab06> npm install
```

- Complete all the TODOs
- Run **npm run serve** to open localhost

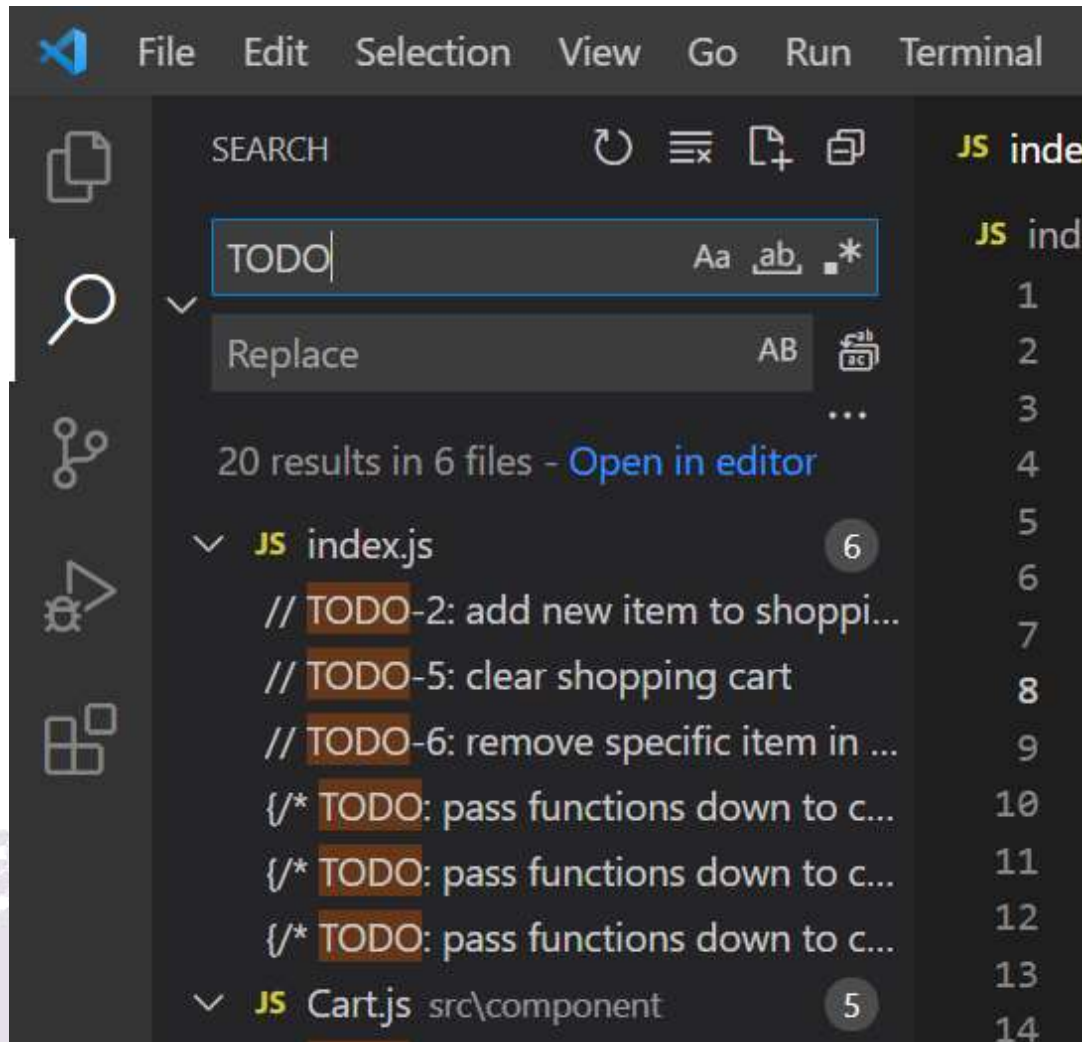
```
PS C:\Users\User\Desktop\Lab06> npm run serve
```

```
<i> [webpack-dev-server] Project is running at:  
<i> [webpack-dev-server] Loopback: http://localhost:8080/, http://127.0.0.1:8080/  
<i> [webpack-dev-server] Content not from webpack is served from './' directory
```

- **Deadline: 2024/04/16 17:20**




# TODO



# Example


### Menu

\$50




- 0 +

\$40




- 0 +

\$30




- 0 +



\$20



- 0 +



 ADD TO CART

### Wallet

 100  

### Shopping Cart

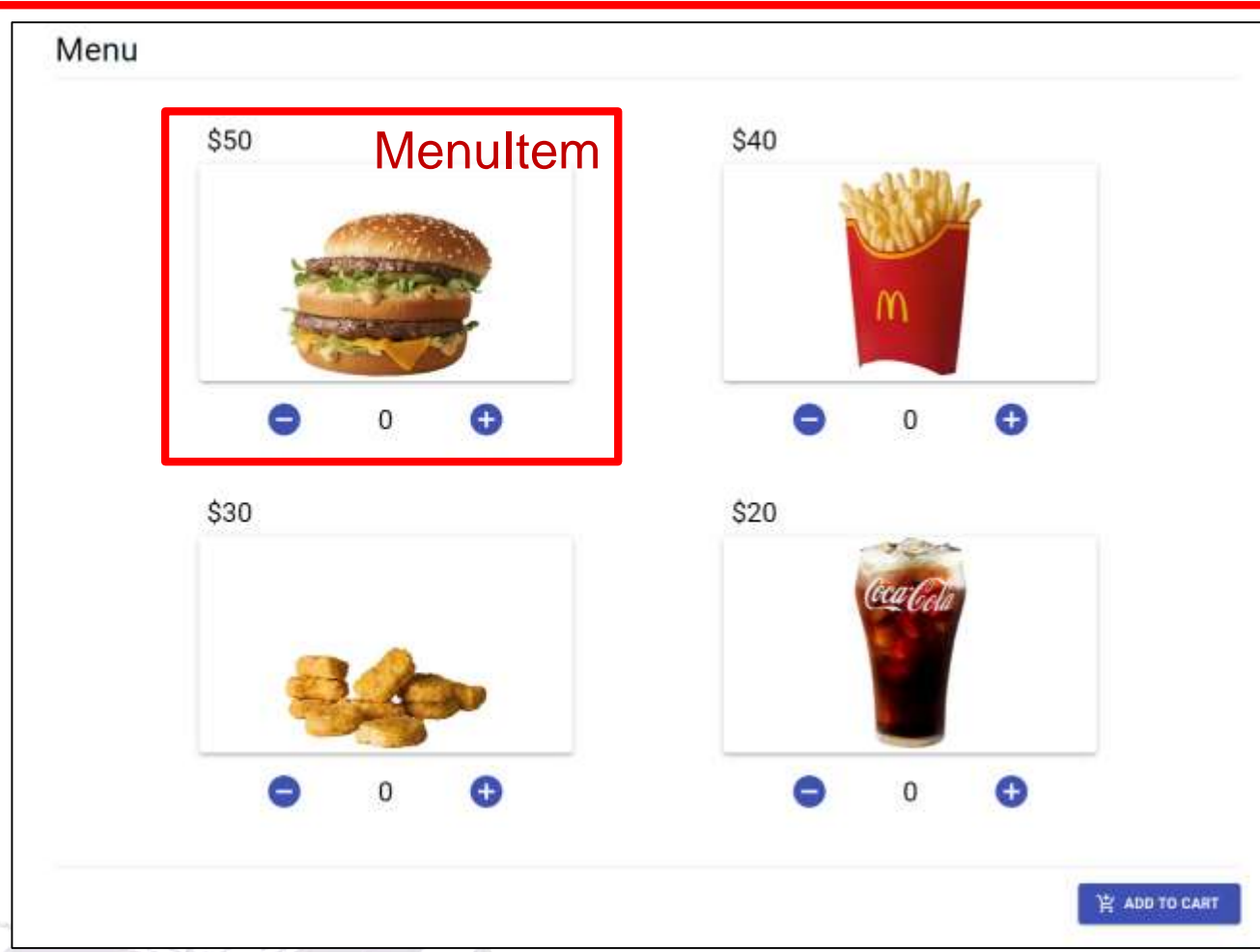
Total: \$0

 CONFIRM  CLEAR

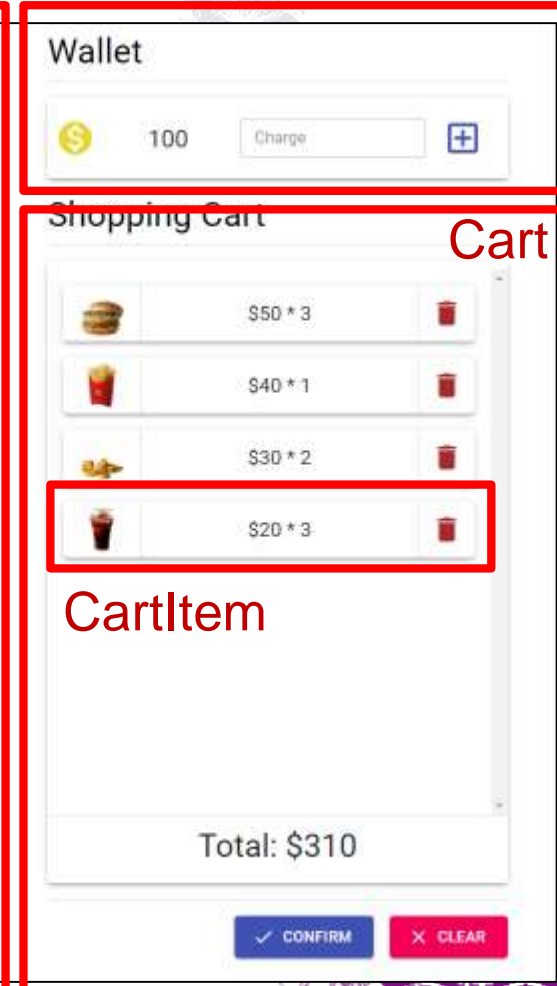


# Components

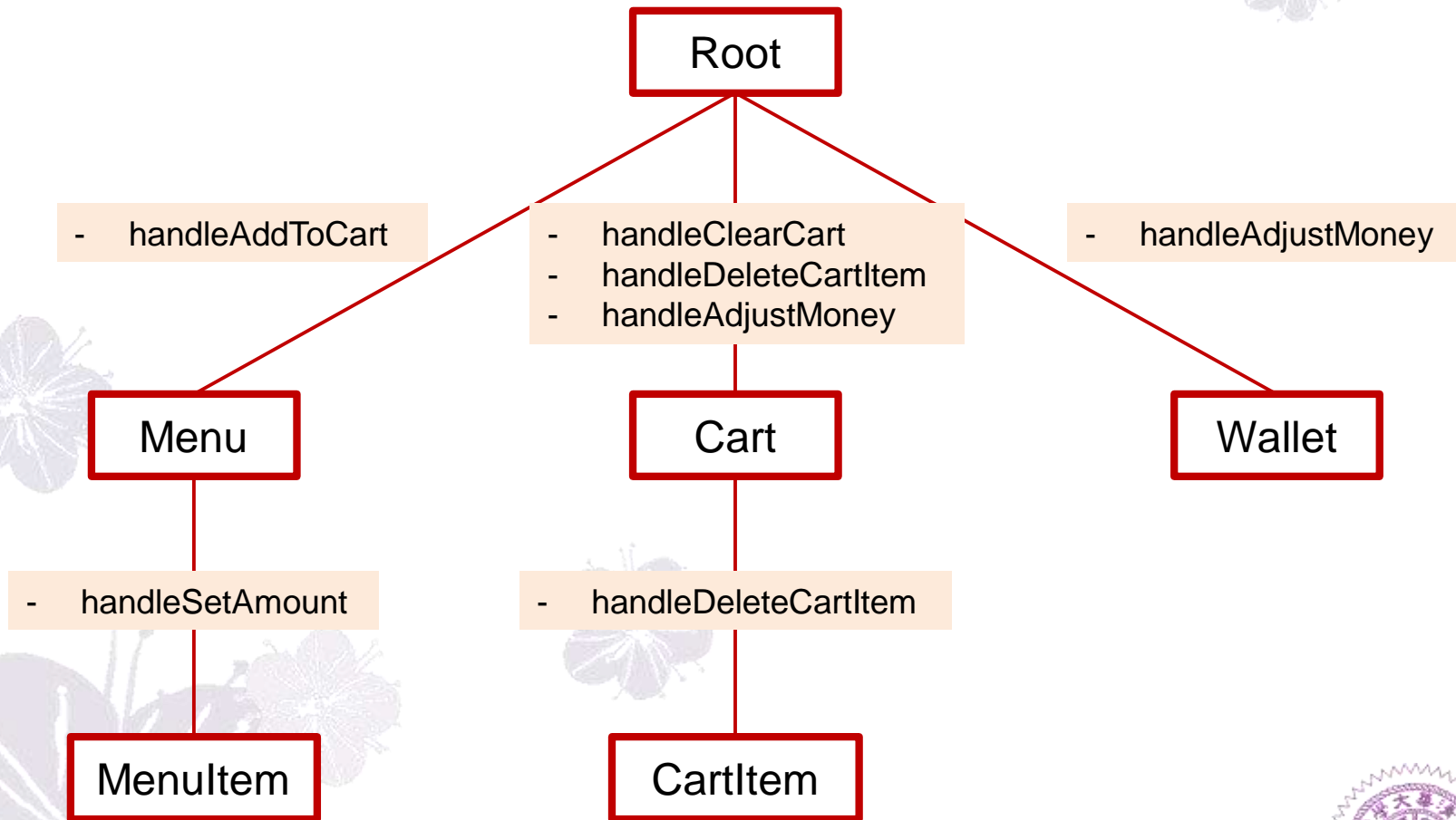
## Menu



## Wallet

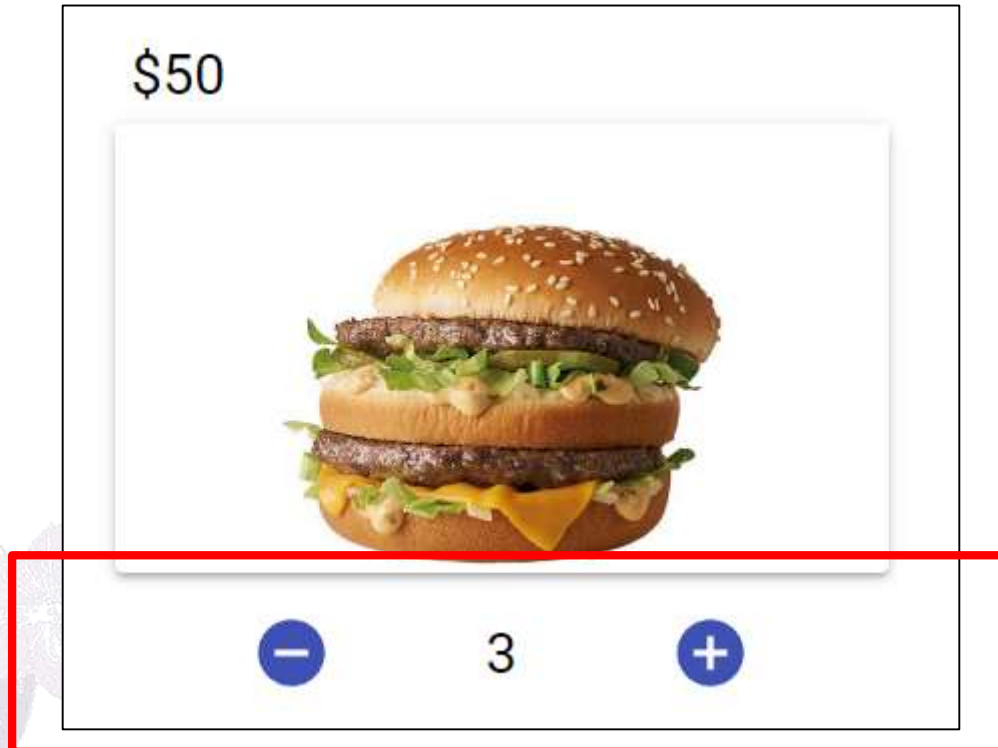


# Components



# TODO - 1

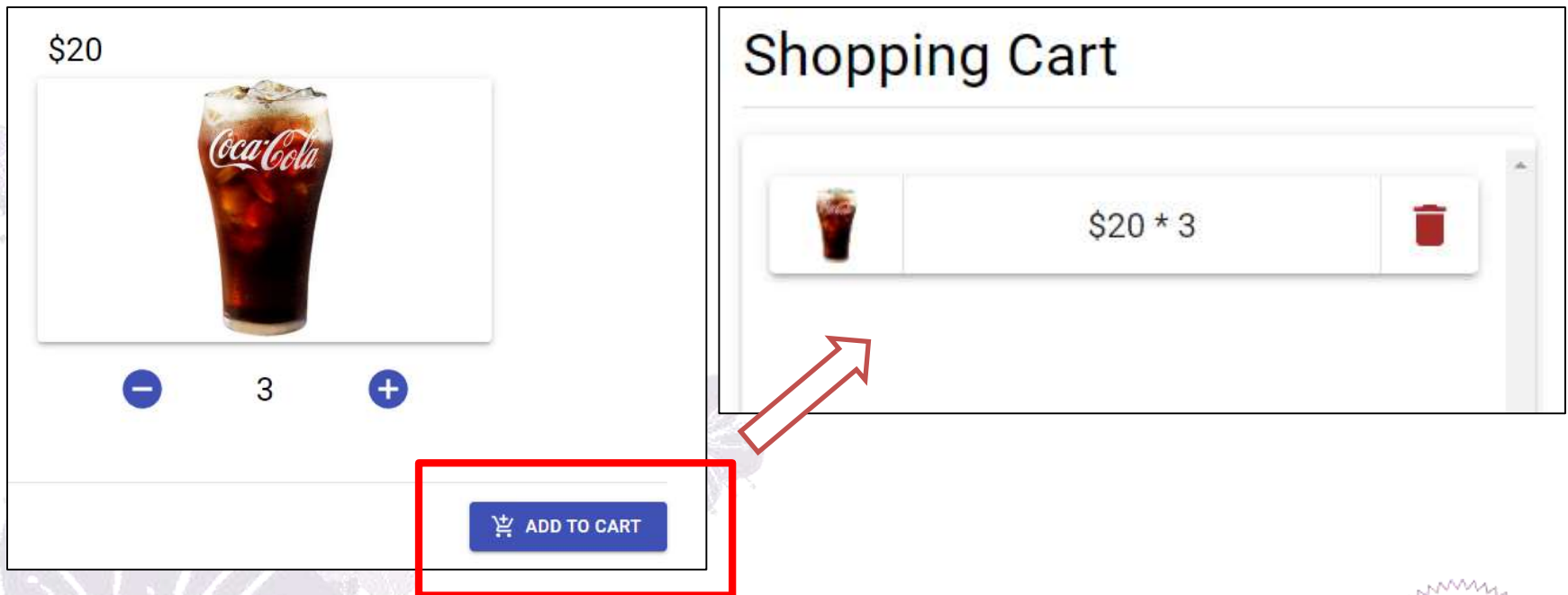
- Increase / Decrease item amount





# TODO - 2, 3

- Add to shopping cart and show items













# TODO - 4

- Calculate and display total price

### Shopping Cart

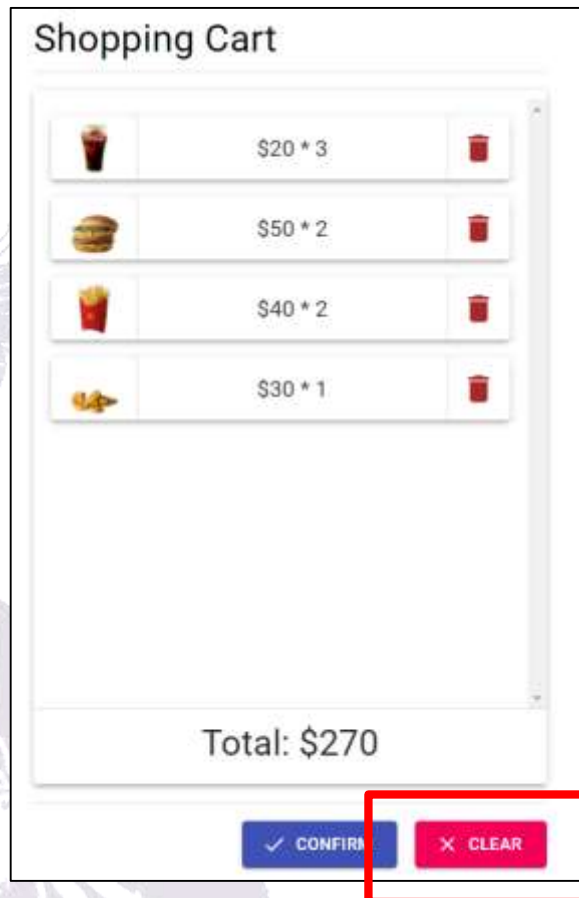
	\$20 * 3	
	\$50 * 2	
	\$40 * 2	
	\$30 * 1	

Total: \$270













# TODO - 5

- Clear the shopping cart



# TODO - 6

- Remove specific item in shopping cart



Shopping Cart		
	\$40 * 3	
	\$20 * 2	
	\$30 * 2	
	\$50 * 1	
	\$40 * 2	



# TODO - 7

- Pay money

## Wallet

 880  

Total: \$430

✓ CONFIRM

✕ CLEAR

localhost:8080 說

Payment Successful!



確定



# TODO - 7

- Pay money

## Wallet

 220  

Total: \$270

✓ CONFIRM

✕ CLEAR

localhost:8080 說

Insufficient Balance!

確定



# TODO – 8, 9

- Input value and charge money

Wallet

\$ 220

Charge

Wallet

\$ 320

Charge



# Example

```
<Button  
  color="primary"  
  size="large"  
  onClick={() => {  
    console.log("hihi");  
  }}  
>  
  {"Button"}  
</Button>
```

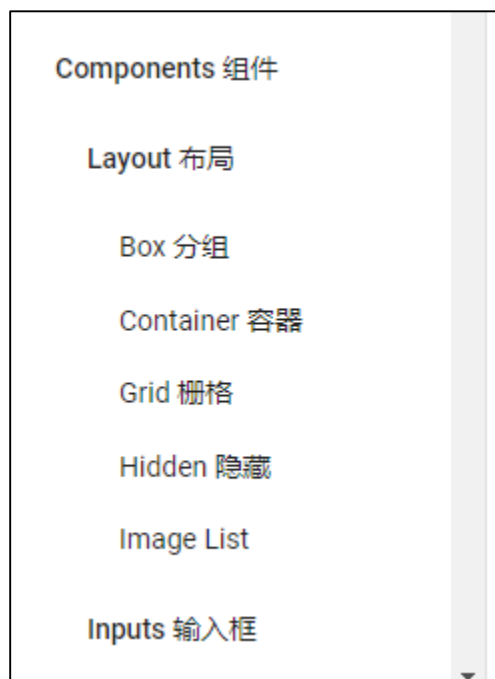
```
<TextField  
  label="Text"  
  onChange={(e) => {  
    console.log("hihi");  
  }}  
/>
```



# Reference

- Material ui

- <https://v4.mui.com/zh/getting-started/installation/>



# Grading Policy

Item	Score
Increase / Decrease item amount	20%
Add to shopping cart and show items	20%
Calculate and display total price	10%
Clear the shopping cart	10%
Remove specific item in shopping cart	10%
Pay money correctly	20%
Input and charge money correctly	10%

