Test Case File

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Test Cases

Test Case	Test Case ID	Description	Condition	Test Result
Account Creation	1	Prompt user to create an account on the website in order to checkout items	User should be able to create an account successfully and return to website	Successful
	1.1	Set boundaries for user when creating password	User should be notified if password does not meet requirements	Unsuccessful
Adding items to cart	2	When "add to cart" is clicked, item selected will be put in virtual cart	User will be able to add preferred/selected items to cart	Successful
Cart Management	3	Customers will be able to add items to cart and remove them at will. Summary of items in cart will be present	User is able to add items to cart and remove them successfully and view description of item with picture at checkout	Successful
	3.1	If the customer feels like they want to add something last minute, they can search from the cart	User at checkout will be able to search up items from cart when they have last minute additions to add	Unsuccessful
Shipping and Billing information	4	At checkout, there will be a a section to add shipping and billing information	User will be able to add a valid credit card along with adding a valid address at checkout	Successful
	4.1	There will be a note section at the bottom	Users will be able to add notes of how they want the package delivered at the bottom of all the	Successful

			information	

```
describe("Filter function",() => {
        //test needs
        //});
```

```
pm ERR! code EJSONPARSE
pm ERR! path C:\Users\terry\Desktop/package.json
pm ERR! JSON.parse Unexpected token ":" (0x3A) in JSON at position 16 while parsing near "\n\n\n\n\n\n\n\"scripts\":{\n\t\"test:\"jest\"\n},\n..."
pm ERR! JSON.parse Failed to parse JSON data.
pm ERR! JSON.parse Note: package.json must be actual JSON, not just JavaScript.

pm ERR! A complete log of this run can be found in:
pm ERR!     C:\Users\terry\AppData\Local\npm-cache\_logs\2022-04-07T02_52_04_784Z-debug.log
```

```
FAIL  __tests__/filterByTerm.spec.js
  ● Test suite failed to run

    ReferenceError: filterByTerm is not defined

      1 |
      2 |
    > 3 |    expect(filterByTerm(input, "link")).toEqual(output);
        |           ^
      4 |    filterByTerm(inputArr, "link");
      5 |
      6 |    describe("Filter function", () => {

    at Object.<anonymous> (__tests__/filterByTerm.spec.js:3:3)
```

```
PASS  __tests__/filterByTerm.spec.js
```

Test for the search term URL

```
/TEST FOR THE SEARCH TERM 'URL'
    function filterByTerm(inputArr, searchTerm){
    if (!searchTerm) throw Error("searchTerm is empty");
    const regex = new RegExp(searchTerm,"i"):
    return inputArr.filter(function(arrayElement){
    return arrayElement.url.match(regex);
    });

    }
    describe("Fileter function",()=>{
    test("filter by a search term (link),()=>{
    const input = {
    { id :1 , url :"https://www.url1.dev"},
    id:2 , url :"https://www.url2.dev"},
    id :3 , url : "https://www.link3.dev"}
    ];

    const output = [{id:3 , url: "https://www.link3.dev"}];
    const output2 = [{id:1 , url :"https://ww.url1.dev"},id:2,url:"https:www.url2.dev}];
    expect(filterByTerm(input,"link")).toEqual(output):
    expect(filterByTeem(input,"Link")).toEqual(output;
    expect(filterByTerm(input,"Url")).toEqual(output2; //Url test
    });
    });
    ▄
```

`PASS __tests__/filterByTerm.spec.js`

Test for and empty search term

```
/TEST FOR THE SEARCH TERM 'URL'
    function filterByTerm(inputArr, searchTerm){
    if (!searchTerm) throw Error("searchTerm is empty");
    const regex = new RegExp(searchTerm,"i"):
    return inputArr.filter(function(arrayElement){
    return arrayElement.url.match(regex);
    });

    }
    describe("Fileter function",()=>{
    test("filter by a search term (link),()=>{
    const input = {
    { id :1 , url :"https://www.url1.dev"},
    id:2 , url :"https://www.url2.dev"},
    id :3 , url : "https://www.link3.dev"}
    ];

    const output = [{id:3 , url: "https://www.link3.dev"}];
    const output2 = [{id:1 , url :"https://ww.url1.dev"},id:2,url:"https:www.url2.dev}];
    expect(filterByTerm(input,"link")).toEqual(output):
    expect(filterByTeem(input,"Link")).toEqual(output;
    expect(filterByTerm(input,"Url")).toEqual(output2; //Url test
xpect(filterByTerm(input,"")).toEqual([]); //Empty test
);
);
```

```
C:\Users\terry\Desktop\getting-started-with-jest\__tests__>npm test
npm ERR! code EJSONPARSE
npm ERR! path C:\Users\terry\Desktop/package.json
npm ERR! JSON.parse Unexpected token ":" (0x3A) in JSON at position 16 while parsing near "\n\n\n\n\n\n\n\"scripts\":{\n\t\"test:\"jest\"\n},\n..."
npm ERR! JSON.parse Failed to parse JSON data.
npm ERR! JSON.parse Note: package.json must be actual JSON, not just JavaScript.

npm ERR! A complete log of this run can be found in:
npm ERR!     C:\Users\terry\AppData\Local\npm-cache\_logs\2022-04-07T02_52_04_784Z-debug.log

C:\Users\terry\Desktop\getting-started-with-jest\__tests__>touch searchtermurl

C:\Users\terry\Desktop\getting-started-with-jest\__tests__>vim searchtermurl

C:\Users\terry\Desktop\getting-started-with-jest\__tests__>^S
```

`PASS __tests__/filterByTerm.spec.js`

Continuous integration process

```
build (14.x)
Started 10m 48s ago

    Requested labels: self-hosted
    Job defined at: Nabeegacryptocode/princplesfinalproject/.github/workflows/node.js.yml@refs/heads/main
    Waiting for a runner to pick up this job...
```

```
1 workflow run                                    Event ▾   Status ▾   Branch ▾   Actor ▾

● Create node.js.yml                                                    📅 14 minutes ago   ...
    Node.js CI #1: Commit 2b0c4c7 pushed by Nabeegacryptocode    main   ⏱ Queued
```

✅ **Create node.js.yml** Node.js CI #1

🏠 Summary

Jobs

✅ build (10.x)

✅ build (12.x)

✅ build (14.x)

✅ build (15.x)

	Status	Total duration	Artifacts
	Success	**49s**	–

node.js.yml
on: push

Matrix build

✅ 4 jobs completed

Show all jobs