

ChatGPT Usage Log – CS409 MP2

hey i'm working on my web dev assignment. i picked the pokemon api and i'm building it in react with typescript need help

Sure Aditi! How may I assist you with the assignment?

okay cool. i wrote this in pokemon.ts:

```
import axios from "axios";  
  
const BASE_URL = "https://pokeapi.co/api/v2";  
  
export async function getPokemonList() {  
  const res = await axios.get(`${BASE_URL}/pokemon?limit=150`);  
  return res.data.results;  
}
```

but when i run npm start it says axios not found.

That just means you haven't installed Axios yet.

Run this in your terminal:

```
npm install axios
```

Then restart with npm start.

oh i completely forgot it's fixed now.

but now i'm getting TypeError: Cannot read properties of undefined (reading 'results').

That means the API didn't return what your code expects.

Try logging res.data to check its structure. Maybe you missed /pokemon at the end of the URL.

yes i forgot /pokemon. fixed now. list shows up.

now how do i add sorting by name or id?

You can add two dropdowns, one for sort by and one for order (asc/desc).
Something like:

```
<select value={sortBy} onChange={(e) => setSortBy(e.target.value)}>  
  <option value="name">Name</option>  
  <option value="id">ID</option>  
</select>  
  
<select value={order} onChange={(e) => setOrder(e.target.value)}>  
  <option value="asc">Ascending</option>  
  <option value="desc">Descending</option>  
</select>
```

Then sort before rendering.

i added that but typescript's mad

it says:

Type 'string | number | { front_default: string }' is not assignable to type 'string | number'

That's because one of the fields you're trying to sort (probably sprites.front_default) isn't a string or number.

Make sure you only sort by name or id, and add a type check:

```
if (typeof valA === "string") valA = valA.toLowerCase();
```

```
if (typeof valB === "string") valB = valB.toLowerCase();
```

got it that fixed the type error.

my list view works now but the gallery page is totally blank.

That usually means your routing isn't set up right.

Make sure your App.tsx has something like this:

```
<BrowserRouter basename="/mp2">  
  <Routes>
```

```
<Route path="/" element={<Home />} />
<Route path="/gallery" element={<Gallery />} />
</Routes>
</BrowserRouter>
```

The basename part is important when you deploy to GitHub Pages.

i didn't have that. added it. now it loads locally but the github link is still blank.

That's the GitHub Pages routing issue.

Make sure your package.json has:

```
"homepage": "https://aditidahare.github.io/mp2"
```

(no slash at the end)

Then redeploy:

```
npm run build
```

```
npm run deploy
```

If it's still blank, clear your cache with Ctrl+Shift+R.

i redeployed and cleared cache it worked.

everything shows up online.

also can i make the list titles blue? they're black right now.

Yes. Add this to your CSS:

```
h1, h2, h3 {
  color: #0044cc;
}
```

That will match your color theme.

Thanks! Worked.