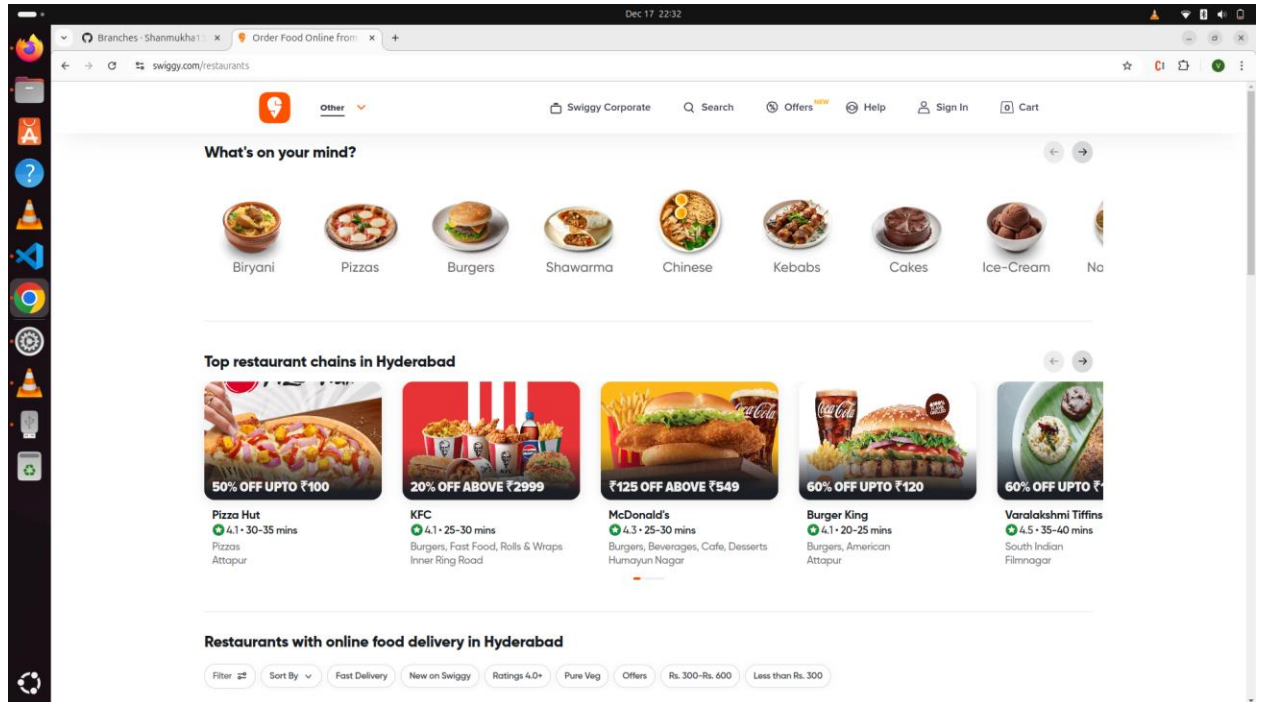


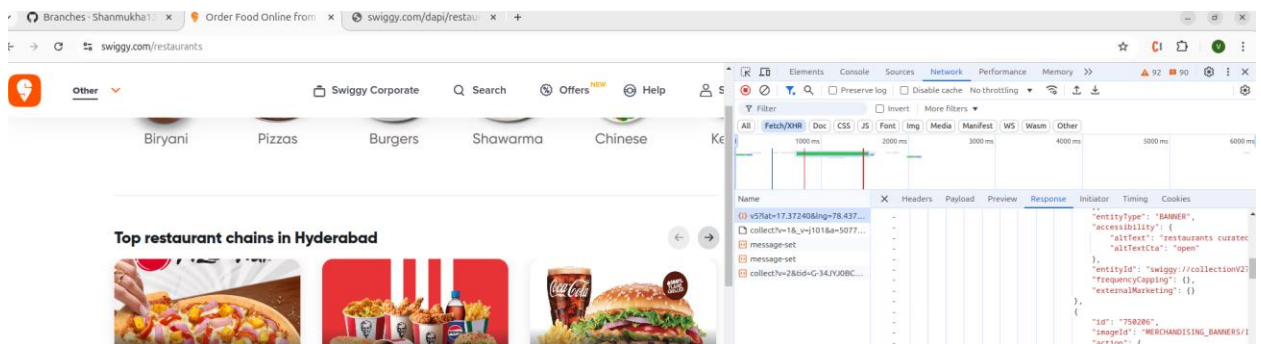
## Episode 6.1 - Swiggy API Issue Resolved

First let's see how to fetch the live APIs from the Swiggy app.

### 1. First login to Swiggy API



### 2. Go to inspect and then networks tab, in networks tab click on Fetch/XHR.



The below is the API, we have chosen

[https://www.swiggy.com/dapi/restaurants/list/v5?lat=17.37240&lng=78.43780&is-seo-homepage-enabled=true&page\\_type=DESKTOP\\_WEB\\_LISTING](https://www.swiggy.com/dapi/restaurants/list/v5?lat=17.37240&lng=78.43780&is-seo-homepage-enabled=true&page_type=DESKTOP_WEB_LISTING)

The screenshot shows the Swiggy website interface. The main content area displays "What's on your mind?" with categories like Biryani, Pizzas, Burgers, Shawarma, and Chinese. Below this, it lists "Top restaurant chains in Hyderabad" with offers for Pizz Hut, KFC, and Burger King. At the bottom, there's a section for "Restaurants with online food delivery in Hyderabad". On the right side, a network inspector is open, showing a list of requests. The first request is a GET request to the API endpoint, which returned a 200 status and a JSON response.

Name	Status	Type	Initiator	Size	Time
v5?lat=17.37240&lng=78.43780&seo-homepage-enabled=true&page_type=DESKTOP_WEB_LISTING	200	fetch	seo/homepage-enabled=true&page_type=DESKTOP_WEB_LISTING	33.3 KB	818 ms
collect?v=1&_v=101&a=507791531&page_type=DESKTOP_WEB_LISTING	200	xhr	seo/homepage-enabled=true&page_type=DESKTOP_WEB_LISTING	26 B	56 ms
message-set	200	fetch	seo/homepage-enabled=true&page_type=DESKTOP_WEB_LISTING	228 B	52 ms
message-set	200	fetch	seo/homepage-enabled=true&page_type=DESKTOP_WEB_LISTING	228 B	96 ms
collect?v=2&id=G-34/r00BC0R0dgm=45j&page_type=DESKTOP_WEB_LISTING	204	fetch	seo/homepage-enabled=true&page_type=DESKTOP_WEB_LISTING	20 B	60 ms

In the api response we see it is giving the data of whats on your mind ?, Top restaurant chains in Hyderabad  
open the api in new tab to see the api response

The screenshot shows a new browser tab with the URL `swiggy.com/dapi/restaurants/list/v5?lat=17.37240&lng=78.43780&seo-homepage-enabled=true&page_type=DESKTOP_WEB_LISTING`. The response is a JSON object containing status, data, and cards. The data field contains information about the restaurant group, including the name, theme, and filters. The cards field contains a list of restaurant cards, each with a title, header, padding, layout, container style, scroll bar, widget theme, and image grid cards.

```

{
  "statusCode": 0,
  "data": {
    "statusMessage": "done successfully",
    "pageOffset": {
      "nextOffset": "CJh1EL04K1Cgi6ry61bsljCnEzGE",
      "widgetOffset": {
        "NewListingView_category_bar_chicletranking_TwoRows": "",
        "NewListingView_category_bar_chicletranking_TwoRows_Rendition": "",
        "Restaurant_Group_WebView_PB_Theme": "",
        "Restaurant_Group_WebView_SEO_PB_Theme": "",
        "collection$RestaurantListWidget_SimRestoRelevance_food_seo": "9",
        "inlineFacetFilter": "",
        "restaurantCountWidget": ""
      }
    }
  },
  "cards": {
    "card": {
      "card": {
        "@type": "type.googleapis.com/swiggy.gandalf.widgets.v2.GridWidget",
        "header": {
          "title": "What's on your mind?",
          "headerStyling": {
            "padding": {
              "left": 16,
              "top": 16,
              "bottom": 4
            }
          }
        },
        "layout": {
          "rows": 1,
          "columns": 10,
          "horizontalScrollEnabled": true,
          "itemSpacing": 24,
          "widgetPadding": {
            "left": 16,
            "top": 16,
            "bottom": 4
          }
        },
        "containerStyle": {
          "containerPadding": {
            "left": 8,
            "top": 8,
            "right": 12,
            "bottom": 4
          }
        },
        "scrollBar": {
          "widgetTheme": {
            "defaultMode": {
              "backgroundColour": "#FFFFFF",
              "theme": "THEME_TYPE_LIGHT"
            },
            "darkMode": {
              "theme": "THEME_TYPE_DARK"
            }
          }
        },
        "imageGridCards": {
          "info": {

```

Now fetch the data you required.

```
import React, {useEffect, useState} from 'react'
import ResCard from './ResCard'
import data from '../utils/data'
import Shimmer from './Shimmer'
const Body = () =>{
  const [resData,setResData]= useState([])
  const [search,setSearch]=useState('')
  const [filterdRestaurant,setFilteredRestaurant]= useState([])
  const [topRated,setTopRated]=useState([])
  useEffect(()=>{
    console.log("use effect callback function is rendered")
    fetchData();
  },[]);
  const fetchData = async()=>{
    console.log("fetchdata is called")
    const data = await fetch("https://www.swiggy.com/dapi/restaurants/list/v5?lat=17.372406&lng=78.437806&is-seo-homepage-enabled=true&page_type=DESKTOP_WEB_LISTING")
    const json= await data.json();
    console.log("api json format",json.data.cards)
    let cards = json.data.cards[4].card.card.gridElements.infoWithStyle.restaurants
    console.log("cards are",cards)
    setResData(cards)
    setFilteredRestaurant(cards)
  };
  console.log("BodyRendered")
  return resData.length===0?<Shimmer/>:(
    <div className="body-container">
      <div>
        {console.log("return is printed")}
        <button className='top-res'
          onClick={()=>
            setResData(
```

The below is the entire code in the component

```
Dec 17 23:37
Bodyjs - the_react - Visual Studio Code

File Edit Selection View Go Run Terminal Help

Bodyjs M X
src > components > Bodyjs >
1
2 import React, {useEffect, useState} from 'react'
3 import ResCard from './ResCard'
4 import data from '../utils/data' ChintashaShamukhavan, 3 months ago • episode4/talk is cheap show me the code PRACTIC...
5 import Shimmer from './Shimmer'
6 const Body = () => {
7   const (resData, setResData) = useState([])
8   const (search, setSearch) = useState('')
9   const (filteredRestaurant, setFilteredRestaurant) = useState([])
10  const (topRated, setTopRated) = useState([])
11  useEffect(() => {
12    console.log("use effect callback function is rendered")
13    fetchData();
14  }, []);
15  const fetchData = async() => {
16    console.log("fetchdata is called")
17    const data = await fetch("https://www.swiggy.com/dapi/restaurants/list/v5?lat=17.372406&lng=78.437886&is-seo-homepage-enabled=true&page_type=DESKTOP_WEB_LISTING")
18    const json = await data.json();
19    console.log("api json format", json.data.cards);
20    let cards = json.data.cards[4].card.card.gridElements.infoWithStyle.restaurants
21    console.log("cards are", cards)
22    setResData(cards)
23    setFilteredRestaurant(cards)
24  };
25  console.log("BodyRendered")
26  return resData.length === 0 ? Shimmer : (
27    <div className="body-container">
28      <div>
29        (console.log("return is printed"))
30        <button className="top-res">
31          <onClick={() => {
32            setData(
33              resData.filter(item => item.info && item.info.avgRating > 4)
34            )
35          }}>
36            >
37            Top Rated Restaurant
38          </button>
39          <button className="top-res">
40            <onClick={() => setFilteredRestaurant(resData)}>
41              >
42              All Restaurant
43            </button>
44          <div>
45            <input
46              type="text"
47              value={search}
48            />
49          </div>
50        </div>
51      </div>
52    </div>
53  );
54  export default Body;
55  }
56  }
57  }
58  }
59  }
60  }
61  }
62  }
63  }
64  }
65  }
66  }
67  }
68  }
69  }
70  }
71  }
72  }
73  }
74  }
75  }
76  }
77  }
78  }
79  }
80  }
81  }
82  }
83  }
84  }
85  }
86  }
87  }
88  }
89  }
90  }
91  }
92  }
93  }
94  }
95  }
96  }
97  }
98  }
99  }
100 }
```

```
Dec 17 23:37
Bodyjs - the_react - Visual Studio Code

File Edit Selection View Go Run Terminal Help

Bodyjs M X
src > components > Bodyjs > Body
6 const Body = () => {
44   <div>
45     <input
46       type="text"
47       value={search}
48       onChange={e => {
49         setSearch(e.target.value)
50       }}
51     />
52   </div>
53   <div>
54     <button
55       <onClick={() => {
56         console.log("search", search)
57         const search_filters = resData.filter(item => item?.info?.name?.toLowerCase().includes(search.toLowerCase()))
58         console.log("search filters", search_filters)
59         console.log("setResData", resData)
60         setFilteredRestaurant(search_filters)
61         console.log("setResData", resData)
62       }}>
63       >
64       Search
65     </button>
66   </div>
67   <div> ChintashaShamukhavan, 3 months ago • episode4/talk is cheap show me the code PRACTIC...
68     <div className="res-container">
69       {
70         filteredRestaurant.map(item => (
71           item?.info ? (
72             <ResCard
73               key={item.info.id}
74               data={item}
75             />
76           ) : null
77         )
78       )
79     </div>
80   </div>
81   </div>
82   </div>
83   </div>
84   </div>
85   </div>
86   </div>
87   </div>
88   </div>
89   </div>
90   </div>
91   </div>
92   </div>
93   </div>
94   </div>
95   </div>
96   </div>
97   </div>
98   </div>
99   </div>
100 }
```