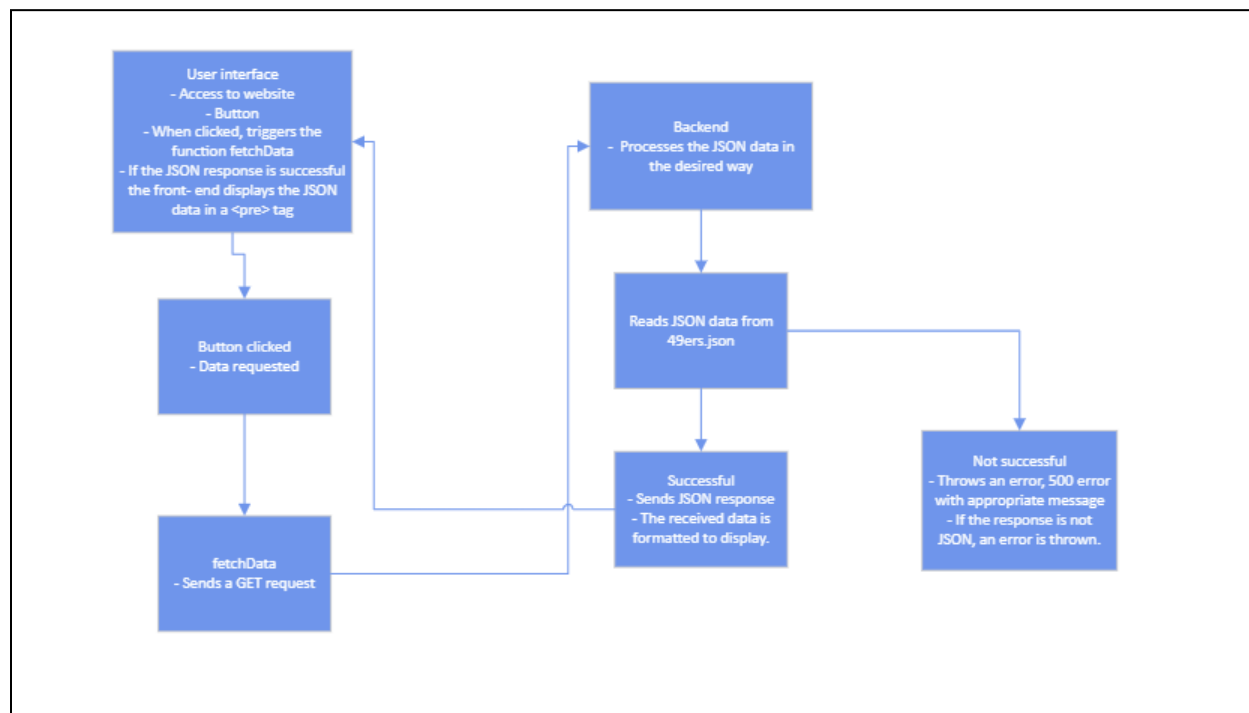


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Project #3

Model:



Source code:

(App.js) Function fetchData is used for requesting the JSON data be sent when the button is pressed.

```

const fetchData = async () => {
  try {
    let response = await fetch("http://127.0.0.1:5000/get_data");
    const contentType = response.headers.get("content-type");

    if (response.headers.get("Content-Type").includes("application/json")) {
      let data = await response.json();
      setJsonData(JSON.stringify(data, null, 4));
    } else {
      let errorText = await response.text();
      throw new Error(`Unexpected response: ${errorText}`);
    }
  } catch (error) {
    console.error("There was an error fetching the data", error);
    setError(error.toString());
  }
};

```

(app.py) Function `get_data` is used for processing the GET request

```
@app.route('/get_data', methods=['GET'])
def get_data():
    try:
        with open('49ers.json') as json_file:
            data = json.load(json_file)
            return jsonify(data), 200
    except Exception as e:
        print(f"Error: {e}")
        return jsonify({"message": "Error reading data"}), 500
```

(App.css) For styling the button

```
button {
    padding: 10px 20px;
    background-color: #61dafb;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    margin-bottom: 20px; /* Space between the button and the JSON data */
    transition: background-color 0.3s;
}

button:hover {
    background-color: #4fa9c8;
}
```

To run the program:

- In the terminal run the command `python app.py`
- Then in another terminal window run the command `cd json_viewer`
- Then run the command `npm start`
- The site will be up and running