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| **Setup environment** | **Cors** | **Npm Express** | **Npm body-parser** |
| **json** | **Include packages in sever.js file** | |

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| **Create a server** | **PORT** | **Console.log(test)** | **Node run server.js** |
| **GET route return** *projectData* | **POST route to add data to** *projectData* | |
| **Post route recieves** | **{temperature, date, userResponse}** | |
| **POST route** | add each of these **values** with a **key** to projectData | |

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| **App.js** | **OpenWeatherMap API** | Acquire **API** credentials from website | async function |
| uses fetch() to make a **GET** request to the **API** | event listener for the element with the id: generate | |
| with a callback function to execute when click | | |
| Inside that **callback** **function** | call your async **GET** request with the parameters  **{ baseUrl, zipCode, personalApiKey }** | |

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| **POST request to add the API data** | async function to make this **POST** request | **function** should receive a **path** and a **data object** | data object include  **{temperature, date, userResponse}** |
| access the **value** of **DOM** **elements** by selecting them in your **JS** code |  | |

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| **updates the UI dynamically** | Write async **function** | **function** called after the completed **POST** request | This **function** should retrieve data from our **app** |
| select the necessary elements from(index.html) | update their necessary **values** to reflect the **dynamic values**  **{ temperature, date, userInput }** | |