**Project Overview**

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**Introduction to the project**

This is the first part of the final project. The purpose of the project is to show that I have an understanding in PHP cURL and API handing. It requires usage of APIs to create an interactive experience for the visitor of our site. It will include a map which shows the current location of the device which is visiting the site. The services includes weather forecast and currency conversion.

**Description of the process**

1. The first step is to create an index.html. It is where the visitors will interact with our APIs.
2. Nav bar will be included in the index.html with a select button to select a country of their choice.
3. The next step is to style the index.html
4. Most of the work will be done by JavaScript and php.
5. JavaScript will be used mostly for handling of events and sending data to php
6. Php will be used mostly for their server side purpose which is to use cURL to receive data from the API in the form of json.
7. After receiving a response from php, JavaScript will then send the response to another API for either weather forecast or currency conversion.
8. Leaflet Easy Button will also be used to make it easier for the visitor to interact with our map.
9. Leaflet markercluster will also be used to make the map cleaner by grouping markers which are close to each other.
10. The end result will be with the response being rendered in html.

**Timescale**

Start: 14/10/21

End ETA:24/10/21