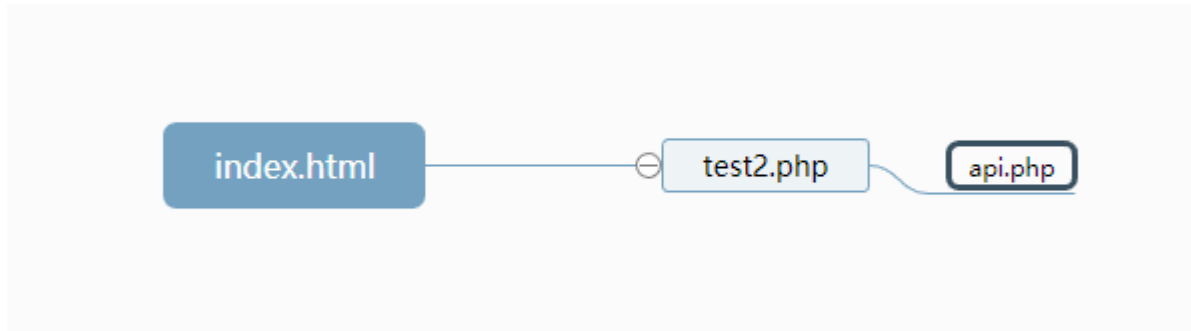


## Document for Alan's weather micro service

### My solution:



### Index.html:

Main page for the service using html form to get user input( name of city and date for weather checking) and send input to test2.php.

### test2.php:

Receive the user input from index.html and call api.php to get the data from server. Access the data and display the data in html table.

### api.php:

There are two functions. "api\_service" gets city name input and date input, generates an URL to weather information server according to the input, and return data from server. "time\_change" does some modification to the time and make it human readable.

### Why I choose this solution:

I am not very comfortable using php. So I was wondering this will be a good opportunity to practice it. Also, it's easy to write and debug. So I choose using php to build the project.

### How my time spend:

1. 2 hours figuring out what google cloud platform is like( it turns out a powerful tool to try something new). I read some documents and watched several videos in lynda.com..
2. 20 minutes finding weather api available online
3. 2 hours developing code and debug locally
4. 2 hours approximately trying to deploy the app and debug( first time it didn't work since I didn't set yaml file right so I had to learn how to set it up).

There are still a lot funny things and learning happened in this development. I am pretty sure you want to hear about it. So If I can get a chance to have an interview, I will share all those stuff with you.

Alan