

System design document  
Weather npm

## Purpose

This is system design document describe the system and architecture for weather npm. Weather npm designed for anyone who want to check the weather according to users location.

## System overview

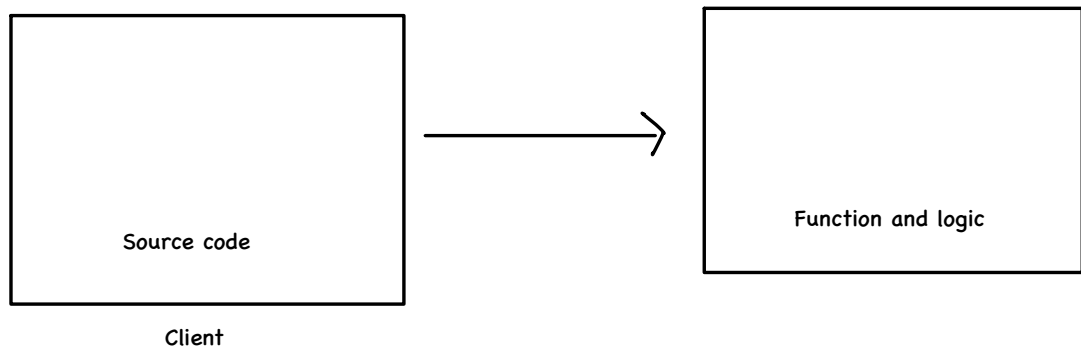


Figure 1 above representing the architectural structure I have chosen for weather npm. Index file handle the terminal command line.

## System componenets

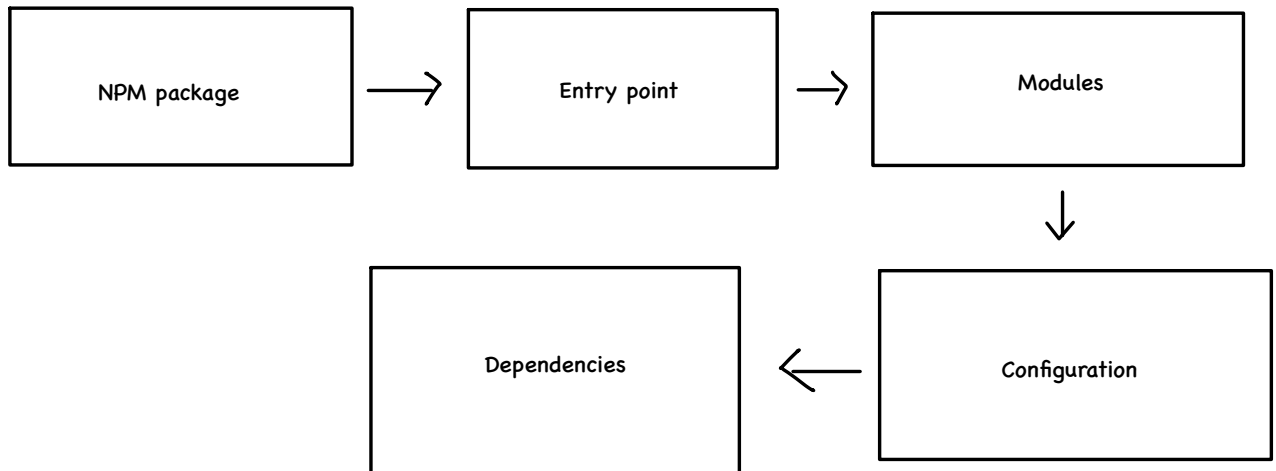


Figure 2 above showing how my weather npm expected to work. User use terminal or cmd to run weather npm.

## Workflow

This line take input of command line and get location of user. Then call weather function with location data to get weather data.

```
1 program
2   .command('lwk')
3   .description('get current weather information')
4   .action(async () => {
5     try{
6       const loc = await getLoc();
7
8       const weatherData = await getWeather(loc);
9       displayWeather(weatherData);
10
11     }catch(error){
12       console.log('ERROR1',error.message);
13     }
14
15   });
16
17
18 program.parse(process.argv);
```