**PHP SKILLS ASSESSMENT 2018**

Here is a coding challenge for our PHP developers. All submissions should be hosted on the candidate’s public code repository i.e. GitHub, BitBucket.

### Weather Service

The business wants a web service developed that returns current weather information for a mobile client user based on their current location.

Requirements:

* Capture the latitude/longitude coordinates from the mobile application request.
* Consume weather data from <https://openweathermap.org/>.
* Extract the weather details for the client's given location and return the following values in JSON format:
  + Temperature in Fahrenheit
  + Weather, e.g. "clear", "overcast"
  + Wind speed
  + Wind direction
* Needs to support multiple versions of the mobile application since not all customers upgrade immediately, so backwards-compatibility is key.

Considerations:

* Business could agree to obtain their weather data from a different source, so design your solution to minimize code rework.
* The support team heavily relies on logging to troubleshoot and diagnose production issues.