**TESTING REPORT**

BUGS

1. **[DC-issue-1] Response format doesn’t correspond to API documentation**

**Priority:** minor

**Description:** Get current weather by geographic coordinates,

request: GET <http://api.openweathermap.org/data/2.5/weather?lat=35&lon=139&APPID=074113cab9a2e0286864eadd75177941>

Expected response: <http://prntscr.com/jmtw8y>

Formatted expected response: <http://prntscr.com/jmtxwl>

Actual response: <http://prntscr.com/jqbbyw>

1. **[DC-issue-2] Get current weather for cities in cycle returns response with empty country value**

**Priority:** minor

**Steps to reproduce:**

GET

[http://api.openweathermap.org/data/2.5/find?lat=50.5&lon=30.5&cnt=10&appid={{appid}}](http://api.openweathermap.org/data/2.5/find?lat=50.5&lon=30.5&cnt=10&appid=%7b%7bappid%7d%7d)

**Expected result:** parameters “country” has value “ua”

**Actual result**: parameters “country” is empty <http://prntscr.com/jmvhde>

1. **[DC-issue-3] Parameter {cnt} doesn’t work for request “Historical UV by geographic coordinates”**

**Priority:** minor

**Description**:  Corresponding to API documentation <https://openweathermap.org/api/uvi>

endpoint for historical UV data by geographic coordinates support query parameter {cnt} which defines number of returned days - <http://prntscr.com/jnbowv>.

Currently {cnt} doesn’t effect on request result.

**Steps to reproduce:**

GET <http://api.openweathermap.org/data/2.5/uvi/history?lat=50.431782&lon=30.516382&cnt=1&start=1498132800&end=1498478400&APPID=074113cab9a2e0286864eadd75177941>

**Expected result:** response has data for a single day

**Actual result**: response has data for all days, <http://prntscr.com/jnbtfz>

1. **[DC-issue-4] Weather measurements unreachable after their creation**

**Priority:** critical

**Description**:  Created measurements can’t be accessed by corresponding request. Empty array returns

**Steps to reproduce:**

1) Register a station

2) Register measurements for station

3) Register measurements by station

(Look request library for more details)

**Expected result:** Response has array with created measurements

**Actual result**: Empty array <http://prntscr.com/jqb214>

1. **[DC-issue-5] Kiev city is duplicated in DB as “Kiev” and “Misto Kyyiv” and have same json parameters**

**Priority:** minor

**Description**:  Kiev city is duplicated in DB as “Kiev”, “Kyiv”and “Misto Kyyiv” and have same json parameters. It’s can confuse users.

**Steps to reproduce:**

GET [http://api.openweathermap.org/data/2.5/forecast?id=703448&appid={{appid}}](http://api.openweathermap.org/data/2.5/forecast?id=703448&appid=%7b%7bappid%7d%7d)

GET [http://api.openweathermap.org/data/2.5/forecast?lat=50.431782&lon=30.516382&appid={{appid}}](http://api.openweathermap.org/data/2.5/forecast?lat=50.431782&lon=30.516382&appid=%7b%7bappid%7d%7d)

GET [http://api.openweathermap.org/data/2.5/forecast?zip=03151,ua&appid={{appid}}](http://api.openweathermap.org/data/2.5/forecast?zip=03151,ua&appid=%7b%7bappid%7d%7d)

**Expected result:** Kiev results should be the same

**Actual result:** Names are different <http://prntscr.com/jq9ob5>, <http://prntscr.com/jq9ofk>,

<http://prntscr.com/jq9rs0>

1. **[DC-issue-6] Search accuracy parameter “like” works exact as parameter “accurate”**

**Priority:** minor

**Description**:  endpoint [api.openweathermap.org/data/2.5/find](http://samples.openweathermap.org/data/2.5/find?q=London&type=like&mode=xml&appid=b6907d289e10d714a6e88b30761fae22) supports two parameters for search accuracy: like - close result, accurate - accurate result. When set parameter “like” server returns only exact matching results:

**Steps to reproduce:**

GET [http://api.openweathermap.org/data/2.5/find?q=Kie&type=like&appid={{appid2}}](http://api.openweathermap.org/data/2.5/find?q=Kie&type=like&appid=%7b%7bappid2%7d%7d)

**Expected result:** Kiev results will be in response

**Actual result:** Nothing found <http://prntscr.com/jqauwq>

1. **[DC-issue-7] Server don’t generate weather alerts**

**Priority:** critical

**Description**:  Server don’t generate weather alerts for created triggers

**Steps to reproduce:**

1) Register a trigger

2) Wait until alert which correspond to you trigger will be generated

3) Get trigger by ID to check alerts

(Look request library for more details)

**Expected result:** Alerts results will be in response

**Actual result:** Empty array http://prntscr.com/jqb7nm

RECOMMENDATIONS

<http://api.openweathermap.org> has two critical and five minor bugs. Critical issues related to   
“Weather stations” and “Weather alerts” functionality and require fixes as soon as possible to allows user works with API correctly.