# **Introduction**

This document describes the test process of the <https://openweathermap.org/> service. It is open API and main task of testing create manual and if possible automation tests for this product.

# **Features to be tested**

* Current weather
* Multilingual tests for check current city data
* Current Weather for Several cities
* 5 day / 3 hour forecast
* Weather map layers
* UV Index
* Weather stations
* Weather alerts
* Air pollution
* Other and optional parameters tests

# **Features to not be tested**

* 16 day / daily forecast16 day / daily forecast
* Historical data
* History Bulk
* Bulk downloading

# **Testing Approach**

* Exploratory testing and ad hoc will be used for create and execute tests;
* Functional testing will executed by documentation (https://openweathermap.org/api)

# **Entry Criteria:**

* Created free api key in openweathermap.org;
* Test in checklist are written;
* Postman application installed on the pc;

# **Exit Criteria:**

* All tests are finished;
* All found defect are reported and created bug reports;

# **Test Deliverables**

After finishing the testing provided necessary files and test documentations:

* Test plan document;
* Checklist with all results;
* Test report;
* File with postman collection;
* Files with global variables and environments ;
* Instruction how to run collection with tests;

**Environment**

Following environment and softs will be used during testing:

* OS Windows 10 ;
* Postman v.6.0.10;
* Microsoft Word;
* Microsoft Excel;