### 0001. Test Summary Report

**Purpose:** This document describes all activities which were provided to determine the quality of the product [*OpenWeatherMap. Weather API*](https://openweathermap.org/api).

**Scope:**

* Features were tested fully and covered in test scenarios: [Current weather data](https://openweathermap.org/current), [5 day / 3 hour forecast](https://openweathermap.org/forecast5), [Weather map layers](https://openweathermap.org/api/weathermaps), [UV Index](https://openweathermap.org/api/uvi),  [Weather stations](https://openweathermap.org/stations), [Weather alerts](https://openweathermap.org/triggers), [Air pollution](https://openweathermap.org/api/pollution/co)
* Paid features were not tested fully, but covered in test scenarios: [Historical data](https://openweathermap.org/history), [Call 16 day / daily forecast data](https://openweathermap.org/forecast16), Limit of the request count for the different account types.
* Features were not tested: [Bulk downloading](https://openweathermap.org/bulk), [History Bulk](https://openweathermap.org/history-bulk), [Map styles legend](https://openweathermap.org/api/weathermaps#legend), [Google Maps JavaScript API based on OpenWeatherMap API](https://openweathermap.org/api/weathermaps#google2) and [Libraries to connect weather layers](https://openweathermap.org/api/weathermaps#library) for [Weather map layers](https://openweathermap.org/api/weathermaps).

**Activities were made:** functional, security, load testing. Exploratory testing and Checklist creation. Automation of the some scenarios and running them. Documentation and result analysis

**Summary:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Count of scenario* | *Count of automated scenario* | *Count of* ***passed*** *scenario* | *Count of* ***failed*** *scenario* | *Count of bugs* | *Count of* ***High*** *priority bugs* | *Count of* ***Medium*** *priority bugs* | *Count of* ***Low*** *priority bugs* |
| 463 | 230 | 250 | 22 | 16 | 4 | 10 | 2 |

More detailed information you can see in the **added documents.**

* Features that passed successfully verification and have low or medium priority issues: [Current weather data](https://openweathermap.org/current), [5 day / 3 hour forecast](https://openweathermap.org/forecast5), [Weather map layers](https://openweathermap.org/api/weathermaps), [UV Index](https://openweathermap.org/api/uvi),  [Air pollution](https://openweathermap.org/api/pollution/co)
* Features that **need to be fixed in the next release**:  [Weather alerts](https://openweathermap.org/triggers), [Weather stations](https://openweathermap.org/stations) and issue with request limits(B004).
* Also there are features should be tested additional: Requests limits for paid accounts, [Call 16 day / daily forecast data](https://openweathermap.org/forecast16), [Bulk downloading](https://openweathermap.org/bulk), [History Bulk](https://openweathermap.org/history-bulk).

**Conclusion:** after fixing all found bugs functionality should be retested with created test scenarios and it becomes ready for release.

**Documents added to report:** Test Plan.docx, Checklist.xlsx, Bugs.xlsx.