

test Report

***03/06/2018***

### Introduction

* 1. **Overview**

***Date:*** *from 05/30/18 to 03/06/18*

***Testing types:*** *integration testing.*

***Owners:*** *Name Surname*

* 1. **Purpose**

*Current document describes scope, main testing activities, general results of testing of* [*OpenWeatherMap API*](https://openweathermap.org/api)*.*

* 1. **Scope**

|  |  |
| --- | --- |
| ***Feature*** | ***Components*** |
| *Current weather data* | ***City name, City name and country code, City ID, Latitude/ Longitude, Zip code, Cities within a rectangle zone, Cities in cycle, Call for several city IDs, Multilingual support, Units format*** |
| ***Search accuracy*** | ***Search accuracy (Like), Search accuracy (Accurate)*** |

### Test Execution Summary

*Integration Testing of* [***OpenWeatherMap API***](https://openweathermap.org/api) *was performed using Postman application. Test scenarios were run by automation tests and partly manually.*

### Test Execution Results

### Table below includes test results for OpenWeatherMap API service based on Checklist that include automation and manual test scenarios result statuses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Test running* | *Executed* | *Passed* | *Failed* | *Total* |
| *Automation* | *Y* | *12* | *2* | *14* |
| *Manual* | *Y* | *1* | *1* | *2* |
| *Total test scenarios* |  | | | *16* |

***More details see at Appendix A***

The charts below are shown percentage of total test execution results and automation tests:

1. **Test Results Summary**

**Overall results**

1. Integration testing of OpenWeatherMap API was performed for none paid account appropriately to the planned test activities scope. Thus, 87 % of total test scenarios were run by automated test, 13% - was run manually.
2. Defects found while testing mostly related with “call for several locations feature”. The total number of defects is 3. They are the following:

|  |  |
| --- | --- |
| ***Feature*** | ***Defect title*** |
| *Current weather data* for several locations | List of cities within defined rectangle zone is incomplete |
| *Current weather data* for several locations | Several city IDs: No validation for requesting several same cities id's |
| *Current weather data* | *Search accuracy (Like): no results returns when searching by part of the city name* |

1. Blocker or critical defects was not detected while testing*.*
   1. **QA Evaluation**

***Overall testing of the application based on approaches above has shown that the system works as expected except defects in above-mentioned components*. *The reported issues should be prioritized and fixed in nearest releases.***

### References

### Table below includes references to Test Documentation and scripts that was created and used in purpose of testing activities and attached to the Test Report

|  |  |
| --- | --- |
| ***Appendix*** | ***Title*** |
| *A* | *Test Plan* |
| *B* | *Checklist* |
| *C* | *Bug report* |
| *D* | *Automated test scripts* |