Test Summary Report   
OpenWeatherMap API v.2.5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Author** | **Revision Date** | **Approver** | **Description** |
| 1.0 | QA | 31.05.2018 | DevChallenge Judge |  |
|  |  |  |  |  |
|  |  |  |  |  |

Table of contents

1.Introduction1

1.1 Purpose1

2. Testing Scope1

2.1 Tested items1  
2.2 Not tested items1  
2.3 Out of scope1

3.Test Summary2

1. **Introduction**

**1.1 Purpose**

This Test Summary Report provides a summary of the results of test performed as a part of testing OpenWeatherMap API v2.5.  
Tests were executed according to following documents: Checklist.xlsx, TestPlan.docx.

1. **Testing Scope**
   1. **Tested items**

* Current weather for One city
* Current Weather for Several cities
* 5 day / 3 hour forecast
* UV index(beta)
  1. **Not tested items**
* FREE account(Weather Maps API, Air Pollution(beta), Weather alerts(beta))
* API security
  1. **Out of scope**
* Startup price plan features
* Developer price plan features
* Professional price plan features
* Enterprise price plan features

1. **Test Summary**

Manual tests during exploratory testing were performed using Postman tool. Automated tests were wrote using Java programming language and Rest Assured library.All tests were performed according to following documentation: Checklist.xlsx, TestPlan.docx. Founded defect are not high or medium priority. **Using following test results test team recommends to release Current Weather, 5 day / 3 hour forecast and UV index (beta) features for real users.**

**Number of passed vs failed tests:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Feature** | **Tests quantity** | **Passed** | **Failed** | **Automated** |
| Current weather. One city | 18 | 18 | 0 | 18 |
| Current weather. Several cities. | 12 | 10 | 2 | 11 |
| 5 day / 3 hour weather forecast | 17 | 17 | 0 | 17 |
| UV Index (Beta) | 7 | 3 | 4 | 7 |
| **Total:** | **54** | **48** | **6** | **53** |

**Defects per feature:**

|  |  |
| --- | --- |
| **Feature** | **Bugs quantity** |
| Current weather. One city | 0 |
| Current weather. Several cities | 2 |
| 5 day / 3 hour forecast | 0 |
| UV index(beta) | 4 |