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. 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.

2. Testing Scope

2.1 Tested items

- Current weather for One city
- Current Weather for Several cities
- 5 day / 3 hour forecast
- UV index(beta)

2.2 Not tested items

- FREE account(Weather Maps API, Air Pollution(beta), Weather alerts(beta))
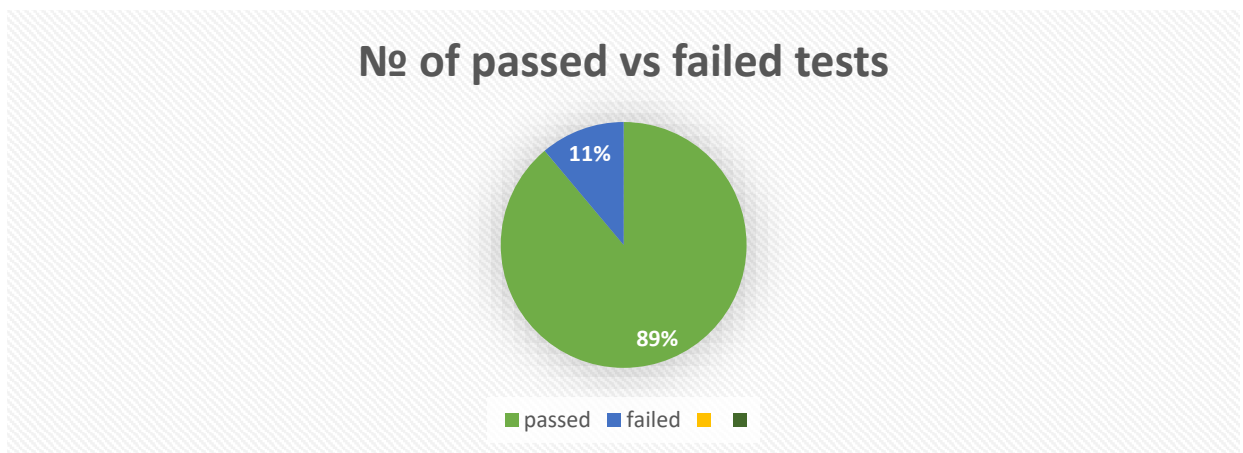- API security

2.3 Out of scope

- Startup price plan features
- Developer price plan features
- Professional price plan features
- Enterprise price plan features

3. 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