Open Weather Map

Test Report

1. Introduction

1.1. Background

The present document is a summary of testing activities performed on OpenWeatherMap application public APIs, that are accessible by address: <https://openweathermap.org/api>

1.2. Scope of testing

During testing stage 6 sections of API available for Free user plan were tested: Current Weather API, 5 days/3 hour forecast API, Weather maps layer API, UV Index API, Air Pollution API, Weather alerts API.

2. Test Summary

2.1. Manual testing

During this testing phase 138 test cases were executed, 27 of which have failed and 111 have passed. Also 23 issues were found and added to ‘OpenWeatherMap bugs’ document. Most of the issues were found in functionality that is in ‘Beta’ stage.

2.2. Automated testing

During this testing phase 27 automated tests were created. The scenarious selected for automation are positive scenarios and can be used for a quick sanity or smoke test to check if main APIs are sending data to users.

3. Comemnts

Main functionality of OpenWeatherMap application is working, but some specific cases require rework and further retest, as there were found several issues with Critical and High priority.