

TEST PLAN

### Introduction

* 1. **Revision history**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Authors | Description |
| *1.0* | *05/30/18 - 06/02/18* | *Name Surname* |  |

* 1. **Purpose**

*Current document describes scope, estimates, test approach, test criteria, schedule, environment and milestones of testing activities related with*[***OpenWeatherMap API***](https://openweathermap.org/api) *service.*

*According to the Test Plan, integration API testing will be performed with the main goals to check if the tested features of Weather API works as expected and responds correctly to requests.*

*Test plan document supports the following objectives:*

* *Identify components that should be tested;*
* *Test approach;*
* *List deliverable elements of the test activities.*
* *Provide the estimates of the test efforts and its schedule;*

*The estimated time line for this project is 4 days and any additional features and development may cause delays in the testing process*

### Features to be tested

|  |  |
| --- | --- |
| ***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)*** |

*Features not explicitly mentioned in above table are not be tested.*

### Approach

*Integration Testing of* [***OpenWeatherMap API***](https://openweathermap.org/api) *will be performed using Postman application. Test scenarios will be run manually and automated based on prepared checklist.*

1. **Test Deliverables**

* *Test Plan - Checklist - Bug Report - Test Report - Automates test scripts*

1. **Entry/Exit Criteria**

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| --- | --- |
| **Entry Criteria** | **Exit Criteria** |
| *1. Features to be tested are covered with tests based on prepared checklist*  *2. API services are Up and available for testing*  *3. Test cases (scenarios) for testing must be*  *completed, automated, reviewed and ready for execution via Postman* | *1. API services are unavailable*  *2. Any blocker issues/defects* |

1. **Schedule**
   1. **Test activities schedule**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Activities** | **05/30** | | **05/31** | | **06/01** | | **06/02** | |
| ***Analysis and planning*** |  |  |  |  |  |  |  |  |
| ***Test documentation creation/review*** |  |  |  |  |  |  |  |  |
| ***Automation test creation and running*** |  |  |  |  |  |  |  |  |
| ***Exit criteria analysis, Report creation*** |  |  |  |  |  |  |  |  |