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| Id | OWM-1 |
| Summary | ‘Sign in’ and ‘Sign up’ options are available for logged in user on Api page |
| Priority | Hign |
| Steps to reproduce | 1. Open website https://openweathermap.org  2. Sign in using valid credentials:  [tester377@yopmail.com](mailto:tester377@yopmail.com) / 62475221  3. Click ‘Api’ in main menu  4. Observe the header  5. Click ‘Sign In’ option |
| Actual result | User is redirected to account page with error message that he had been already signed in. ‘Sign in’ and ‘Sign up’ options are still present in header after visiting Api page again. Issue can be connected to different host names of api page and user page. |
| Expected result | ‘Hello <Username>’ option is present in header on Api page for signed in users |
| Attachment | <http://take.ms/eja1b> |

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| Id | OWM-2 |
| Summary | Not possible to check current weather in Antarctica |
| Priority | High |
| Steps to reproduce | 1. Send GET request by city name with one of the antarctic research stations:  <https://en.wikipedia.org/wiki/Research_stations_in_Antarctica#Research_stations>  2. Check for the response |
| Actual result | 404 response with ‘city not found’ messsage is returned  Is also reproduced for Call 5 day / 3 hour forecast data - Call by city name |
| Expected result | Current weather on the set station is returned |
| Attachment | <http://take.ms/TSuhm> |

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| Id | OWM-3 |
| Summary | Checking weather in Netherlands with valid zip code doesn’t working |
| Priority | Medium |
| Steps to reproduce | 1. Call Current weather API with valid zip code: 9728 JS  2. Check the response |
| Actual result | Response is 404 with ‘city not found’ message.  It’s possible to find a city by same zip code without a letter part  Reproduced for Call 5 day / 3 hour forecast data section |
| Expected result | It’s possible to check current weather with Netherland zip code with letters in it (as this is a valid zip code format there) |
| Attachment | <http://take.ms/XAYlmK> |

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| Id | OWM-4 |
| Summary | Checking weather with invalid zipcode (containing special symbols or letter only) returns 404 error instead of 400 |
| Priority | Medium |
| Steps to reproduce | 1. Call Current weather API with invalid zip code: #%$%^$^  2. Check the response |
| Actual result | Response is 404 with ‘city not found’ message.  Reproduced for Call 5 day / 3 hour forecast data section |
| Expected result | Response is 400 with ‘is not valid zipcode’ message is returned as for other current weather calls |
| Attachment | <http://take.ms/aBdmB> |

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| --- | --- |
| Id | OWM-5 |
| Summary | Empty array is returned in reposnse if zoom id less than 7 or was not defined |
| Priority | High |
| Steps to reproduce | 1. Call Cities within a rectangle zone API without setting zoom value  2. Check the response  3. Call Cities within a rectangle zone API with zoom value < 7  4. Check the response |
| Actual result | Empty array is returned. Setting zoom to 60000000 still returns results. Valid values for this parameter are unclear |
| Expected result | Error should be returned if required parameter is missing or less than required value |
| Attachment | <http://take.ms/XrqCP> |

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| Id | OWM-6 |
| Summary | Cities within a rectangle zone API returns 200 when invalid value is added as ‘cluster’ parameter |
| Priority | Low |
| Steps to reproduce | 1. Call Cities within a rectangle zone API with any data (words, letters, symbols) sent as ‘cluster’parameter  2. Check the response |
| Actual result | Response is 200 and some values are returned  Is also reproduced for ‘Cities in Cycle’ API |
| Expected result | Possible values of ‘cluster’ parameter is ‘yes’ or ‘no’ (according to documnetation). Response should be 400 error |
| Attachment | <http://take.ms/1dhKQ> |

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| --- | --- |
| Id | OWM-7 |
| Summary | Calling for several city IDs with empty ‘id’ value returns message for invalid city id |
| Priority | Minor |
| Steps to reproduce | 1. Call for several city IDs with empty ‘id’ value  2. Check the error message |
| Actual result | Message is " is not a city id" |
| Expected result | Message should be ‘nothing to geolocate’ as for other current weather APIs |
| Attachment | <http://take.ms/0VJAC> |

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| Id | OWM-8 |
| Summary | Response parameter ‘code’ is misspelled for all Call 5 day / 3 hour forecast data APIs |
| Priority | Critical |
| Steps to reproduce | 1. Call any API from Call 5 day / 3 hour forecast data section  2. Check the ‘code’ parameter is response |
| Actual result | It is spelled ‘cod’ in response |
| Expected result | It should be ‘code’ according to documentation |
| Attachment | <http://take.ms/O3flm> |

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| Id | OWM-9 |
| Summary | Calling Weather maps with invalid parameters returns 200 response with empty response body |
| Priority | High |
| Steps to reproduce | 1. Call a weather map with url, where zoom, x and y coordinates are set by literals:  <https://tile.openweathermap.org/map/clouds_new/test/test/test.png?appid=><valid api key>  2. Check the response |
| Actual result | 200 response is returned with empty body |
| Expected result | 400 error should be returned as zoom, x and y coordinates should be numeric values |
| Attachment | <http://take.ms/ekvEL> |

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| --- | --- |
| Id | OWM-10 |
| Summary | No weather map is generated for Precipitation layer while response is 200 |
| Priority | High |
| Steps to reproduce | 1. Call a weather map with precipitation layer for any city:  https://tile.openweathermap.org/map/precipitation\_new/10/52.489471/-1.898575.png?appid=<valid api key>  2. Check the response |
| Actual result | No weather map is generated, although response code is 200 |
| Expected result | Weather map is generated as for other layers |
| Attachment | <http://take.ms/DvNlj> |

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| --- | --- |
| Id | OWM-11 |
| Summary | Calling current UV Index API for one location with empty/invalid latitude and longitude returns text response |
| Priority | Medium |
| Steps to reproduce | 1. Call current UV Index API for one location with empty latitude and longitude  2. Check the response  3. Call current UV Index API for one location with invalid latitude and longitude  4. Check the response |
| Actual result | Response type is text |
| Expected result | Response type is JSON |
| Attachment | <http://take.ms/L6WqV> |

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| Id | OWM-12 |
| Summary | Incorrect qty of forecasts is displayed when number of returned days in range 1-6 |
| Priority | High |
| Steps to reproduce | 1. Call Forecast UV index API with number of returned days between 1 and 6 (inclusive)  2. Check the qty of returned forecasts in response |
| Actual result | One more forecast is added, that is 2 forecasts for one day, 5 forecasts for four days |
| Expected result | Qty of displayed forecasts should match set parameter |
| Attachment | <http://take.ms/BkYVZ> |

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| Id | OWM-13 |
| Summary | Setting number of returned days doesn’t work for Historical UV data API |
| Priority | High |
| Steps to reproduce | 1. Set start and end dates in range more than 1 day  2. Set number of returned days to 1  3. Call Historical UV data API  4. Check the qty of days in response |
| Actual result | All the days in available time range are displayed |
| Expected result | Only N numbers of days (set by cnt parameter) are displayed |
| Attachment | <http://take.ms/4hinJ> |

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| --- | --- |
| Id | OWM-14 |
| Summary | No results found by Carbon Monoxide data API if any digits are added after deciminal point |
| Priority | Critical |
| Steps to reproduce | 1. Call Carbon Monoxide data API with valid coordinates without numbers after deciminal point  2. Check the response  3. Call Carbon Monoxide data API with valid coordinates with at least one number after deciminal point  4. Check the response |
| Actual result | ‘Not found’ message is present. Having coordinates with 1 or 2 numbers after point works only for coordinates in example (0,10). Having coordinates with 3 numbers after point doesn’t worl with any coordinates |
| Expected result | It’s possible to narrow the radius of search adding numbers affter deciminal point in location coordinates |
| Attachment | <http://take.ms/UL4wo> |

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| --- | --- |
| Id | OWM-15 |
| Summary | Calling Carbon Monoxide data API without coordinates returns 500 error |
| Priority | Medium |
| Steps to reproduce | 1. Call Carbon Monoxide data API without entering any coordinates  2. Check the response |
| Actual result | 500 Internal server error response is returned |
| Expected result | 400 errror is returned |
| Attachment | <http://take.ms/ggSSP> |

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| --- | --- |
| Id | OWM-16 |
| Summary | Only last saved pollution result is displayed |
| Priority | High |
| Steps to reproduce | 1. Call Carbon Monoxide data API with ‘curent’ alias  2. Call Carbon Monoxide data API with date in previous month (2018-05Z)  3. Call Carbon Monoxide data API with date in 2018 year (2018Z)  4. Check the response |
| Actual result | Date in the response is the same. Same data is returned for all three requests |
| Expected result | More that 1 result can be found when calling Carbon Monoxide Data API with different time parameters |
| Attachment | <http://take.ms/Gqc2w> |

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| --- | --- |
| Id | OWM-17 |
| Summary | Response of unsuccessful weather alert trigger creation is text |
| Priority | Medium |
| Steps to reproduce | 1. Call [POST] /triggers API with empty value of any key  2. Call [POST] /triggers API without a required key  3. Check the response format |
| Actual result | Response message is text |
| Expected result | Response is returned in JSON |
| Attachment | <http://take.ms/4Elgt>, <http://take.ms/BAidJ> |

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| --- | --- |
| Id | OWM-18 |
| Summary | Calling [POST] /triggers without any required parameters returns 500 error |
| Priority | Medium |
| Steps to reproduce | 1. Call [POST] /triggers API without any required parameter  2. Check the response |
| Actual result | 500 server error is returned |
| Expected result | 400 error should be returned |
| Attachment | <http://take.ms/Is2F9> |

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| --- | --- |
| Id | OWM-19 |
| Summary | Calling [GET] /triggers/{:id} with text instead of trigger id results in 500 error |
| Priority | Medium |
| Steps to reproduce | 1. Call [GET] /triggers/{:id} with text instead of trigger id  2. Check the response |
| Actual result | 500 Internal Server error is returned  Also reproduced for PUT request  Also reproduced for GET trigger history  Also reproduced for GET trigger alerts history |
| Expected result | 400 error is returned |
| Attachment | <http://take.ms/8fwLF> |

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| --- | --- |
| Id | OWM-20 |
| Summary | Calling [GET] /triggers/{:id} with symbols instead of trigger id returns result in HTML |
| Priority | Medium |
| Steps to reproduce | 1. Call [GET] /triggers/{:id} with text symbols instead of trigger id  2. Check the response |
| Actual result | Response is in HTML  Also reproduced for PUT request |
| Expected result | Response is in JSON |
| Attachment | <http://take.ms/sbiJg> |

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| --- | --- |
| Id | OWM-21 |
| Summary | Calling [PUT] /triggers/{:id} with empty body results in 500 error |
| Priority | Medium |
| Steps to reproduce | 1. Call [PUT] /triggers/{:id} with empty body for a valid trigger id  2. Check the response |
| Actual result | 500 Internal Server error is returned |
| Expected result | 400 error is returned |
| Attachment | <http://take.ms/b87yJ> |

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| --- | --- |
| Id | OWM-22 |
| Summary | Calling [DELETE] /triggers/{:id} with invalid trigger id results in 500 error |
| Priority | Medium |
| Steps to reproduce | 1. Call [DELETE] /triggers/{:id} with invalid trigger id  2. Check the response |
| Actual result | 500 Internal Server Error is Returned  Also reproduced for DELETE trigger history |
| Expected result | 404 error is returned |
| Attachment | <http://take.ms/Zc2kT> |

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| --- | --- |
| Id | OWM-23 |
| Summary | Response of unsuccessful weather alert trigger deletion is text |
| Priority | Medium |
| Steps to reproduce | 1. Call [DELETE] /triggers/{:id} with invalid id  2. Call [DELETE] /triggers/{:id} for already deleted trigger  3. Call [DELETE] /triggers/{:id} with empty id  4. Check the responses |
| Actual result | Response message is text  Also reproduced for DELETE trigger history |
| Expected result | Response message is returned in JSON |
| Attachment | <http://take.ms/hVIaB> |