BUG Report REST API

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| Incident ID | B#1 |
| Description | Get weather forecast based on post code API accepts country code value greater than 2 characters |
| Interface | REST API |
| Priority | High |
| Date | 30/01/2020 |
| Steps | 1/ Using Postman or Chrome execute the following API call  <https://api.weatherbit.io/v2.0/current?postal_code=2103&country=Australia&key=3b1759652ea447e68909fbbb09262b09>  2/ Check body response in Chrome dev mode or in Postman |
| Expected result | Invalid value for key parameter country code shouldn’t accept values greater than 2 characters.  Refer to API spec <https://www.weatherbit.io/api/swaggerui/weather-api-v2#/> |
| Actual result | Invalid value for key parameter country code shouldn’t accept values greater than 2 characters |
| Attachment |  |

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| Incident ID | B#2 |
| Description | Get weather forecast based on post code API returns incorrect city name |
| Interface | REST API |
| Priority | High |
| Date | 30/01/2020 |
| Steps | 1/ Using Postman or Chrome execute the following API call for post code 2103  <https://api.weatherbit.io/v2.0/current?postal_code=2103&country=Australia&key=3b1759652ea447e68909fbbb09262b09>  2/ Check body response in Chrome dev mode or in Postman  Other post code examples:  - post code: PO1 3AX (Portsmouth)  - post code 94127-2710 (San Francisco) |
| Expected result | City name for the post code 2103 should be Mona Vale |
| Actual result | Returned city name is Warriewood. Post code 2102 |

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| Incident ID | B#3 |
| Description | Get weather forecast API based on latitude & longitude returns invalid city name |
| Interface | REST API |
| Priority | High |
| Date | 30/01/2020 |
| Steps | 1/ Using Postman or Chrome execute the following API call for latitude & longitude zero  <https://api.weatherbit.io/v2.0/current?lat=0&lon=0&key=3b1759652ea447e68909fbbb09262b09>  2/ Check body response in Chrome dev mode or in Postman  Other latitude & longitude examples:  - -90 &-180  - 90&180 |
| Expected result | City name for the latitude & longitude zero should be empty |
| Actual result | Returned city name is city\_name: Takoradi (4.9016° N, 1.7831° W) |

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| Incident ID | B#4 |
| Description | Get weather forecast API call based on invalid latitude & longitude shouldn’t be accepted |
| Interface | REST API |
| Priority | High |
| Date | 30/01/2020 |
| Steps | 1/ Using Postman or Chrome execute the following API call for invalid latitude & longitude  <https://api.weatherbit.io/v2.0/current?lat=-390&lon=345&key=3b1759652ea447e68909fbbb09262b09>  2/ Check body response in Chrome dev mode or in Postman |
| Expected result | Invalid parameters latitude & longitude shouldn’t be accepted.  Response should be: 204 No Content |
| Actual result | Returned city name is city\_name: Takoradi (4.9016° N, 1.7831° W) |