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| **Test Case** | **Test Step** | **Expected Result** |
| Status code validation - 403 Forbidden | Invoke api request **https://api.airvisual.com/v2?country-Australia** without auth key | Request should fail with Status code 403 Sample Respnse : HTTP/1.1 403 Forbidden Date: Fri, 03 Jul 2020 01:37:30 GMT Content-Type: application/json Transfer-Encoding: chunked Connection: keep-alive Vary: Accept-Encoding Content-Encoding: gzip  {"status":"fail","data":{"message":"incorrect\_api\_key"}} |
| Status code validation - 200 OK | **Invoke api request https://api.airvisual.com/v2?country-Australia&key=auth\_key** with valid auth key | Sample Response : HTTP/1.1 200 OK {  "status": "success",  "data": [  {"state": "New South Wales"},  {"state": "Queensland"},  {"state": "South Australia"},  {"state": "Tasmania"},  {"state": "Victoria"},  {"state": "Western Australia"}  ] } |
| Validate number of states for Australia | **Invoke api request https://api.airvisual.com/v2?country-Australia&key=auth\_key** with valid auth key | Response should have 6 states of Australia  Sample Response : HTTP/1.1 200 OK {  "status": "success",  "data": [  {"state": "New South Wales"},  {"state": "Queensland"},  {"state": "South Australia"},  {"state": "Tasmania"},  {"state": "Victoria"},  {"state": "Western Australia"}  ] } |
| Validate state names of Australia | **Invoke api request https://api.airvisual.com/v2?country-Australia&key=auth\_key** with valid auth key | Sample Response : HTTP/1.1 200 OK {  "status": "success",  "data": [  {"state": "New South Wales"},  {"state": "Queensland"},  {"state": "South Australia"},  {"state": "Tasmania"},  {"state": "Victoria"},  {"state": "Western Australia"}  ] } |
| Validate call for nearest city data | **Invoke api request https://api.airvisual.com/v2?nearest\_city?key=auth\_key** with valid auth key | {  "status": "success",  "data": {  "city": "Carlton",  "state": "Victoria",  "country": "Australia",  "location": {  "type": "Point",  "coordinates": [  144.97,  -37.8073959  ]  },  "current": {  "weather": {  "ts": "2020-07-03T01:00:00.000Z",  "tp": 9,  "pr": 1017,  "hu": 76,  "ws": 5.1,  "wd": 350,  "ic": "04d"  },  "pollution": {  "ts": "2020-07-03T00:00:00.000Z",  "aqius": 20,  "mainus": "p2",  "aqicn": 7,  "maincn": "p2"  }  }  } } |
| Get the temperature of nearest city using longitude and latitude | **Invoke api request https://api.airvisual.com/v2/nearest\_city?key=30df8bfb-d136-402b-a068-78ea50c33475&lat=-37.8073959&lon=144.97** with valid auth key | Sample Response : HTTP/1.1 200 OK {  "status": "success",  "data": {  "city": "Carlton",  "state": "Victoria",  "country": "Australia",  "location": {  "type": "Point",  "coordinates": [  144.97,  -37.8073959  ]  },  "current": {  "weather": {  "ts": "2020-07-03T01:00:00.000Z",  "tp": 9,  "pr": 1017,  "hu": 76,  "ws": 5.1,  "wd": 350,  "ic": "04d"  },  "pollution": {  "ts": "2020-07-03T00:00:00.000Z",  "aqius": 20,  "mainus": "p2",  "aqicn": 7,  "maincn": "p2"  }  }  } } |