**Testing Notes**

* I have used Postman tool for the automation of the APIs. Please find attached, the collection (Bitly API.json). To run this file, please import the Bitly API.json file in postman or use Newman command line.
* I have created positive and negative scenarios for each APIs based on the parameter’s value; Inside every API, I have written testcases for below:
* Verify HTTP status
* Verify response time
* Verify response header – content type
* Verify response payload
* Schema validation
* Other checks based on the functionalities, if needed

**Findings**

* Even if we are not giving the required values (ex: ‘group\_guid’ / ‘sort’), API is running smoothly without any issues.
* When you run API- ‘Create a Bitlink’ for the first time, the response is “201 Created”, as expected. But if tried again with same API without changing any parameters, it is giving “200 OK”; the expectation was an error.
* When you ‘Create a Bitlink’ through API, it is taking time to load the ‘title’ in the frontend.