**API Automation Testing : Interview Test Project**

**To test GET, POST, PUT and Delete Operations:**

**GET**

1. Navigate to Interface for testing

2. Verify GET Operation gives status OK

3. Verify Content-Type is JSON

4. Verify content is returned in response by checking the content length>0

5. Retrieve information from JSON. create Java object. Perform De-Serialization and verify the number of records returned by the GET request with the expected record count.

6. Data returned in response can be verified with the expected data

**POST**

1. Create Object to be posted

2. Convert Object to be posted to JSON (Serialization) using Gson

3. Create HTTP Post request and set entity and then execute using HTTPClient

4. Assert the response, if data gets posted will receive 201 code.

**PUT**

1. Create Object to be posted

2. Convert Object to be posted to JSON (Serialization) using Gson

3. Create HTTP Put request and set entity and then execute using HTTPClient

4. Assert the response, if data gets posted will receive Ok status code.

**Delete**

1. Create Object to be posted

2. Convert Object to be posted to JSON (Serialization) using Gson

3. Create HTTPDeleteWith body request by overriding HttpEntityEnclosingRequestBase, set entity and then execute using HTTPClient

4. Assert the response, if data gets posted will receive Ok status code.