Google Drive API:

The Scenarios that need to be covered as part of Google drive API automation are:

1. Type of Response Data (JSON/XML schemas)
2. Status Codes
3. Redirect to another API
4. Http Methods supported by each endpoint’
5. Querying for GET requests
6. Optional parameters testing
7. Authorization Tests
8. Combinations of request body
9. Orchestration of API requests
10. Error Handling
11. Checking the Authorization with different scopes
12. Performance of the API

The reference document (Documentation) have different endpoints which supports various actions on the google drive.

1. About API:
   1. The About API only supports GET calls and needs authorization.
   2. The API tests should cover the tests authorization.
   3. The API should be tested for the response time.
2. Changes API:
   1. The Changes API have two query parameters one is watch and the other is getStartPageToken. Changes and getStartPageToken only supports GET call and watch supports only POST call.
   2. The GET call should be tested with and without authorization.
   3. The POST call for Watch endpoint should be tested with different combinations of Body data and data types.
   4. There should be a check for Optional parameters if there are any.
   5. The API should be tested by creating different authorization tokens with different scopes.