

## API Testing Flow in REAL Companies

### 1. Requirement

1. API Documentation (If they are Good Company)
  1. Google Doc
  2. Google Excel
  3. Confluence
  4. Swagger UI - [httpbin.org/](http://httpbin.org/)
  5. Postman Documentation - [apidocs.imgur.com/#c85c9dfc-7487-4de2-9ecd-66f727cf3139](https://apidocs.imgur.com/#c85c9dfc-7487-4de2-9ecd-66f727cf3139)
  6. HTML page (URL)
    1. [docs.github.com/en/rest/repos?apiVersion=2022-11-28](https://docs.github.com/en/rest/repos?apiVersion=2022-11-28)
    2. [restful-booker.herokuapp.com/apidoc/index.html#api-Booking-DeleteBooking](https://restful-booker.herokuapp.com/apidoc/index.html#api-Booking-DeleteBooking)
    3. [apidocs.imgur.com/](https://apidocs.imgur.com/)

### 2. No Documentation

1. Create your Own Documentation
  1. UI is ready ->
    1. [docs.google.com/document/d/1OVxw2b9XHutE\\_treclP1lvWrn5u\\_yw3/edit#heading=h.gjdgxs](https://docs.google.com/document/d/1OVxw2b9XHutE_treclP1lvWrn5u_yw3/edit#heading=h.gjdgxs)
  2. No UI - Curl Way (Mech) - Create your Own Req. -
    1. Ask the Developer for the Curl Request
    2. via AI Generation - [chatgpt.com/share/67c29482-9290-8009-a8f5-e551ebc2874d](https://chatgpt.com/share/67c29482-9290-8009-a8f5-e551ebc2874d)
    3. [you.com/search?q=Generate+a+API+Documentation+in+this+format+for+this+request+%0A%0AExample+%3A++%22Objective+-+This+API+is...&cid=c1\\_a9f29fa2-3c63-4878-9826-340d6e1c72c4&tbm=youchat](https://you.com/search?q=Generate+a+API+Documentation+in+this+format+for+this+request+%0A%0AExample+%3A++%22Objective+-+This+API+is...&cid=c1_a9f29fa2-3c63-4878-9826-340d6e1c72c4&tbm=youchat)

### 3. Test Plan (Get it reviewed by the QA Lead/Product Manager)

1. Google Doc
2. JIRA - Zephyr

### 4. Test Cases

1. [docs.google.com/spreadsheets/d/1EH1UJ9Qezgx\\_aZ0xim3KcVJUCEeR7A-7/edit?usp=sharing&toid=104755920778477387077&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/1EH1UJ9Qezgx_aZ0xim3KcVJUCEeR7A-7/edit?usp=sharing&toid=104755920778477387077&rtpof=true&sd=true)
2. LIVE Zephyr - > [prnt.sc/1LO-8X5Bq0EV](http://prnt.sc/1LO-8X5Bq0EV)

### 5. Test Environment - Setup

1. Max - DevOps (Person) -> SRE, Deployment Application)
2. Dev
3. QA (Browser Stack, Tekion)

### 6. Test Execution

1. Manual
  1. Excel Sheet -> Execute Your Testcase where? API (No UI) - Tools
    1. Postman - Big Daddy
    2. Swagger, SOAP UI, Advanced Rest Client, Soapy, Katalon Studio, JMeter...
  2. Automation - (When Test Case Stable)
    1. Postman - Automation -> We don't use it. (Maintenance is Very High, Code Reusability Issues, Duplicate Issues).
    2. **Rest Assured** - Lib Java API Automation