

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/>
5. Postman Documentation - <apidocs.imgur.com/#c85c9dfc-7487-4de2-9ecd-66f727cf3139>
6. HTML page (URL)
 1. <docs.github.com/en/rest/repos?apiVersion=2022-11-28>
 2. <restful-booker.herokuapp.com/apidoc/index.html#api-Booking-DeleteBooking>
 3. <apidocs.imgur.com/>

2. No Documentation

1. Create your Own Documentation

1. UI is ready ->
 1. docs.google.com/document/d/1OVxw2b9XHutE_trecdlP1lvWrn5u_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>
 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

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&oid=104755920778477387077&rtpof=true&sd=true
2. LIVE Zephyr - > 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