API Testing Flow in REAL Companies

1. Requirement

   1. API Documentation - 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

2. **Test Plan**
   1. Google Doc
   2. JIRA - Zephyr

3. **Test Cases**
   1. docs.google.com/spreadsheets/d/1EH1UJ9Qezgx_aZ0xim3KcVJUCEeR7A-7/edit?usp=sharing&ouid=104755920778477387077&rtpof=true&sd=true
   2. LIVE Zephyr - > prnt.sc/1LO-8X5Bq0EV

4. **Test Environment - Setup**
   1. Max - DevOps (Person) -> SRE, Deployment application)
   2. Dev
   3. QA (Browser Stack, Tekion)

5. **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 -> (Test Case Stable)
      1. Postman (for Automation) -> We don't use it. (Maintenance is Very High, Code Reusability Issues, and Duplicate Issues).
      2. Rest Assured -> Lib Java API Automation