1. listers
   1. # failed
   2. # iretry
   3. Research
      1. IRetryAnalyzer
         1. **Connection Timeout** (SocketTimeoutException)
         2. **Connection Refused** (ConnectException)
         3. **Read Timeout** (SocketTimeoutException)
         4. **5xx Server Errors** (HTTP 500, 502, 503, 504)
         5. SSLHandshakeException
         6. 503 Service Unavailable
         7. **Gateway Timeout** (HTTP 504)
         8. **DNS Resolution Failure** (UnknownHostException)
      2. ISuiteListener
         1. For diff env
         2. Fail Early Strategy:
         3. Implement ISuiteListener to validate that the environment (e.g., API base URL is reachable) before starting tests.
2. oAuth2
3. Allure reports
   1. Reseach that
      1. Where all I need handle the it
4. grouping testcase
   1. # smoke , Regression
5. Test work flow like
   1. Need to implement industry level
   2. Before and after
      1. Suit , class , test, method
6. Log4j/SLF4J
   1. Reseach
      1. What all I need to log
7. Setup the environment
   1. Like the
      1. Pod1, pod 2, pod 3
8. Thread safe
   1. It should after the
      1. Log4j
      2. Allure reports

5.