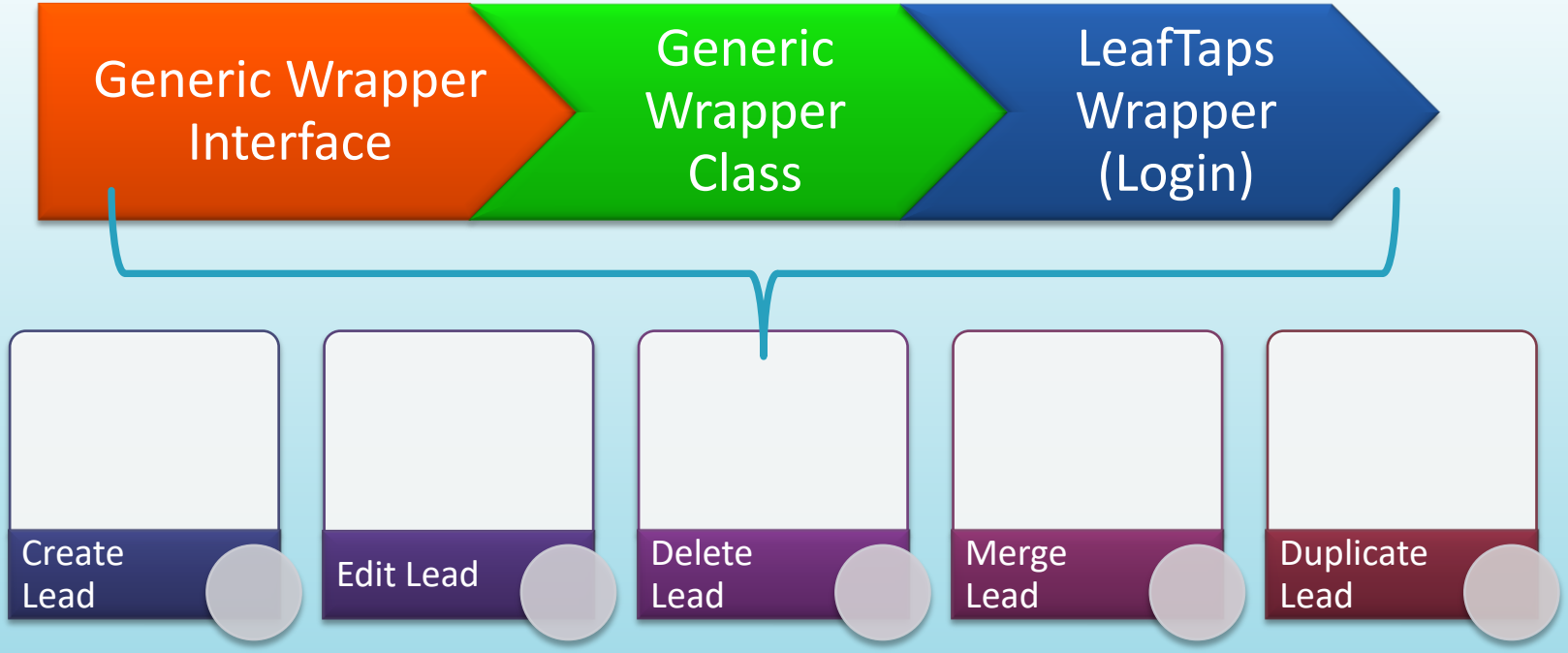
TestNG



Present Design

TestLeaf
Always Ahead

Scenario :

Run all test cases together (with Single Click)

Possible Option :

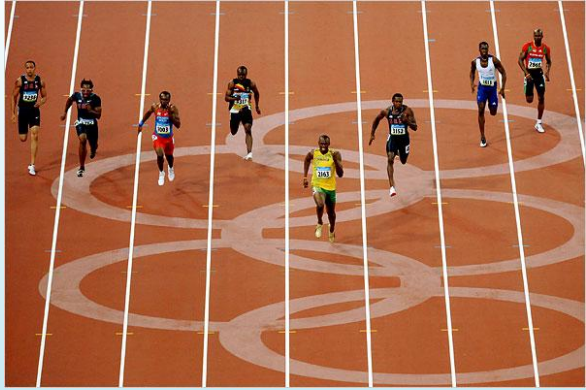
Write a java program to call each of the class and its method.

Run all test cases together

TestLeaf
Always Ahead

Scenario :

Run all test cases in parallel (with Single Click)



Possible Option :

Write a java program to use multi threading and then write the test cases name to run.

Run all test cases parallel

TestLeaf
Always Ahead

Scenario :

Run create lead 10 times before running others to generate lead data

Possible Option :

Use for loop on create lead and run it first. And run others

Run Create Lead multiple times

TestLeaf
Always Ahead

Scenario :

Lets say, Merge lead failed in last run, re-run that alone.

Possible Option :

Manually identify the failed test cases, and write a code to re-run those.

Run all test cases together

TestLeaf
Always Ahead

Scenario :

When login fails. Do not run the test cases as smoke failed

Possible Option :

Need to write complex logic to stop running all test scripts when login failed

Skip test cases

TestLeaf
Always Ahead

Scenario :

Run only all create functionalities (like create lead, create account etc)

Possible Option :

Write a code to group all the common functions

Group test cases

TestLeaf
Always Ahead

Scenario :

When test cases get executed, need report to say pass or fail

Possible Option :

Sysout need to be extended ??

Reports

TestLeaf
Always Ahead

Scenario :

When more than 90% of test pass, report should say “PASS” else “FAIL”

Possible Option :

Write a logic to say PASS or FAIL

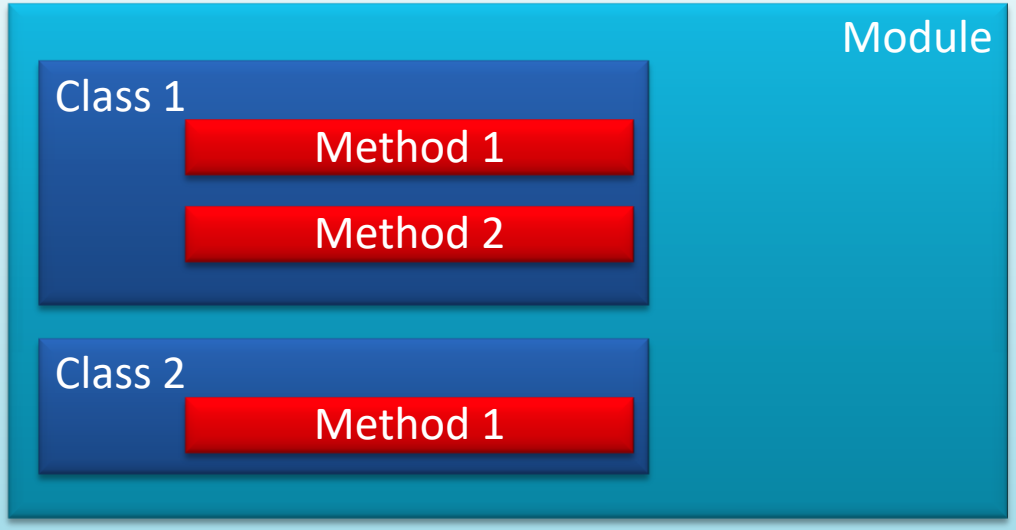
Success Percentage

TestLeaf
Always Ahead

- Suite
- Test
- Class
- Method

What is…..?

TestLeaf
Always Ahead


Module
Class 1
Method 1
Method 2
Class 2
Method 1

TestLeaf
Always Ahead

- @BeforeSuite
  - @BeforeTest
    - @BeforeClass
      - @BeforeMethod
        - @Test
      - @AfterMethod
    - @AfterClass
  - @AfterTest
- @AfterSuite

TestNG Annotations

TestLeaf
Always Ahead

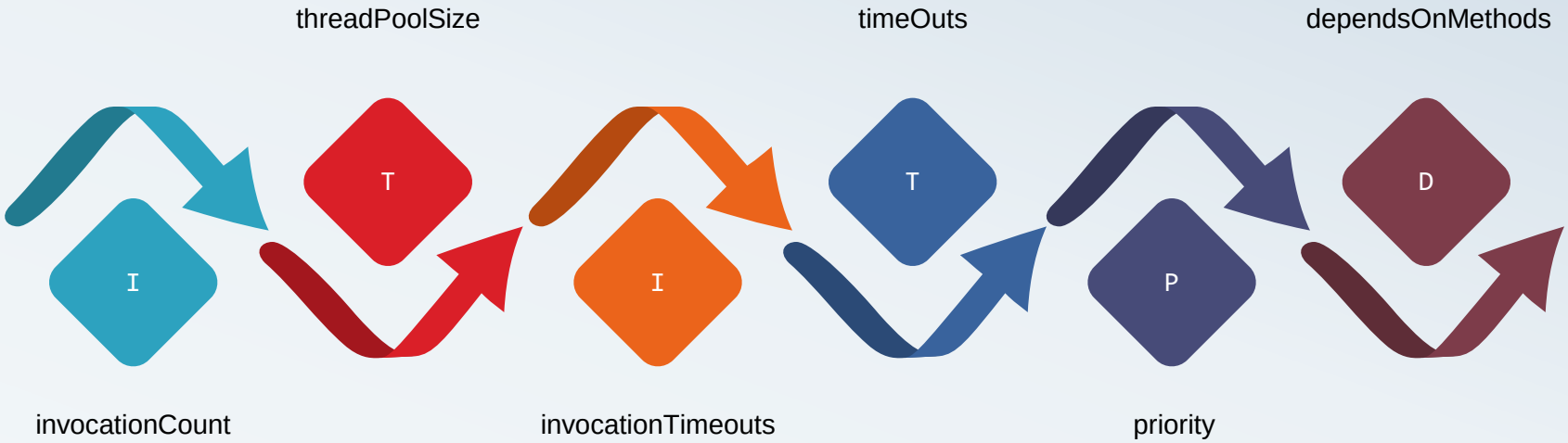
Karim’s New Business

TestLeaf
Always Ahead

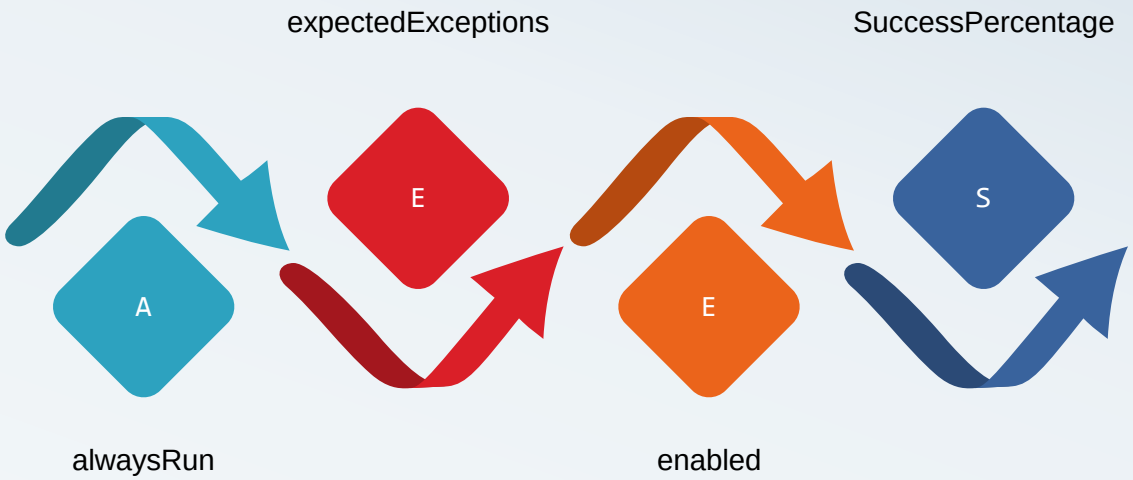
Swati

Small pizza outlet with only 1employee

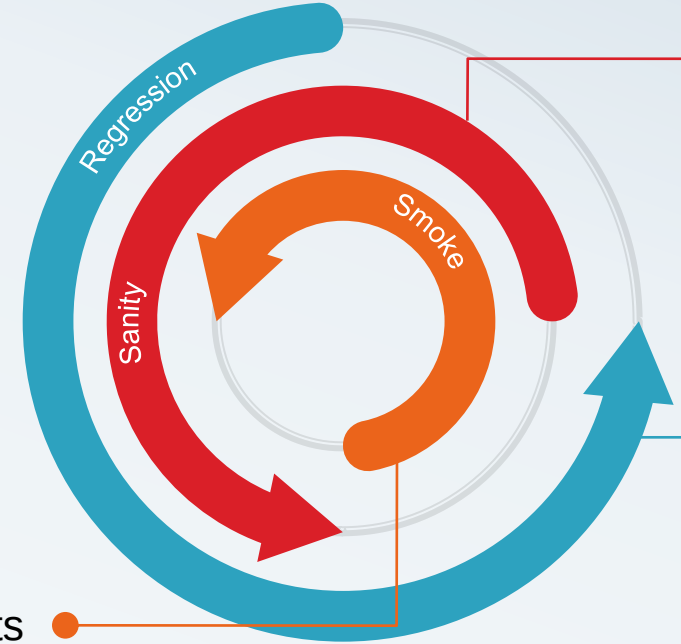
TestLeaf
Always Ahead



Annotation Attributes



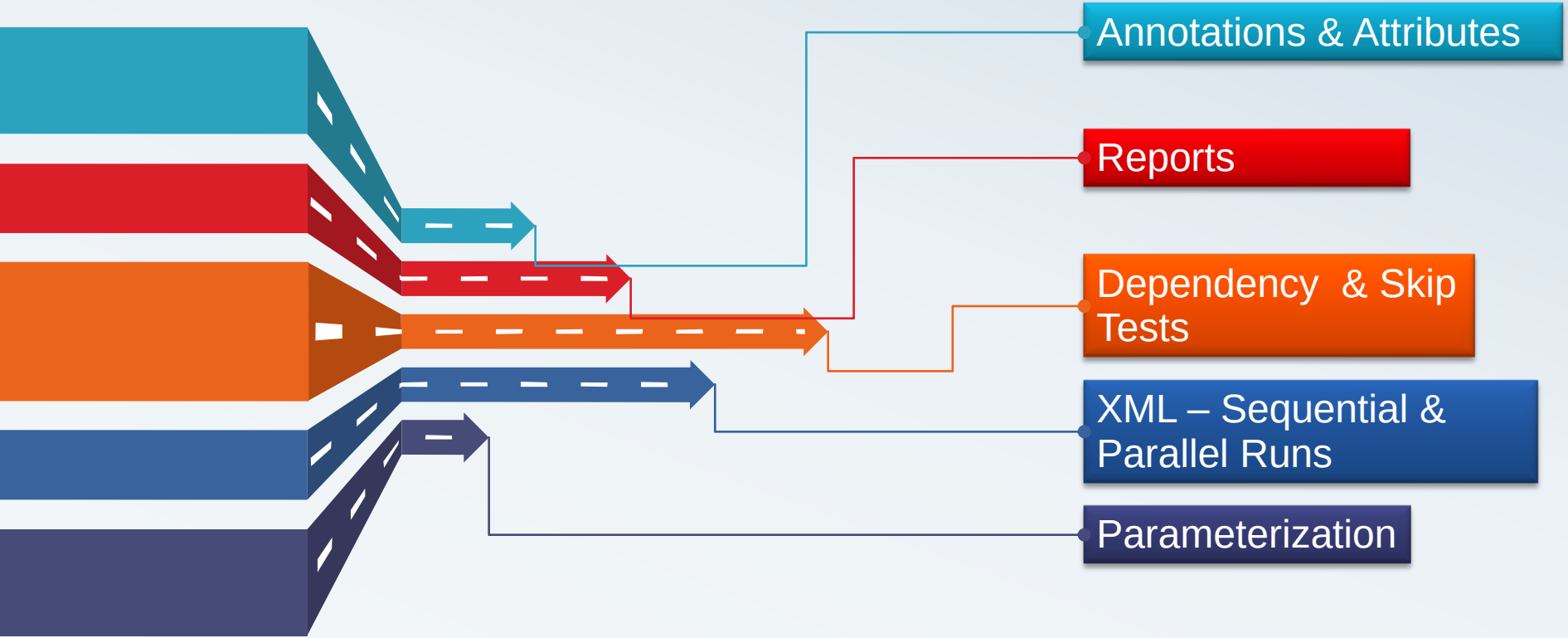
Annotation Attributes



Sanity Tests

Regression Tests

Smoke Tests


Annotations & Attributes
Reports
Dependency & Skip Tests
XML – Sequential & Parallel Runs
Parameterization

FINISH