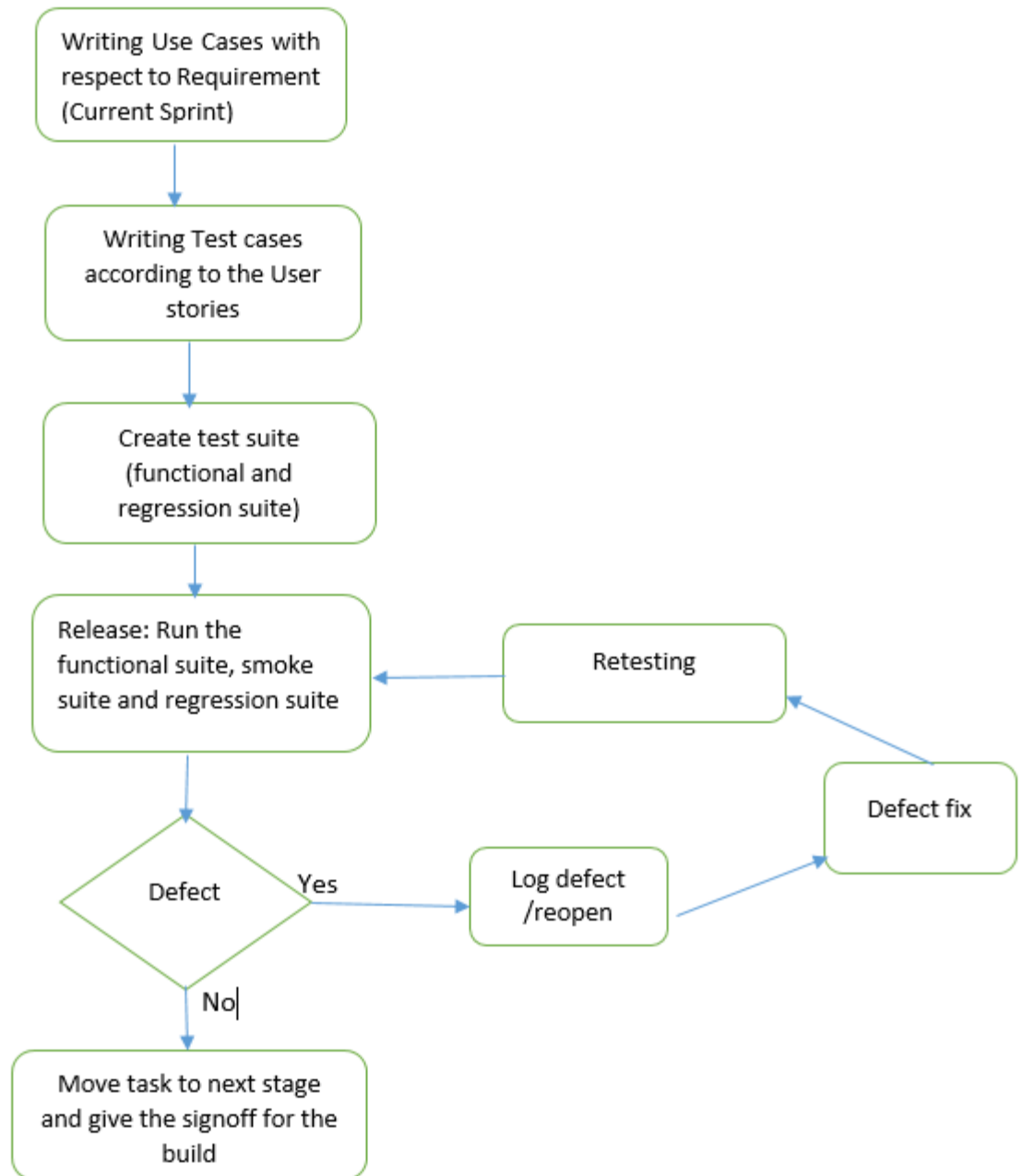


# ADPQ-KMT Test Strategy

ADPQ-KMT Test Strategy will include Manual Testing as the main area having all the functional test cases in place which will be tested to ensure all functions provide the expected result. Acceptance Criteria for passing QA check is when all identified features have passed all associated test scenarios.

## QA Process:

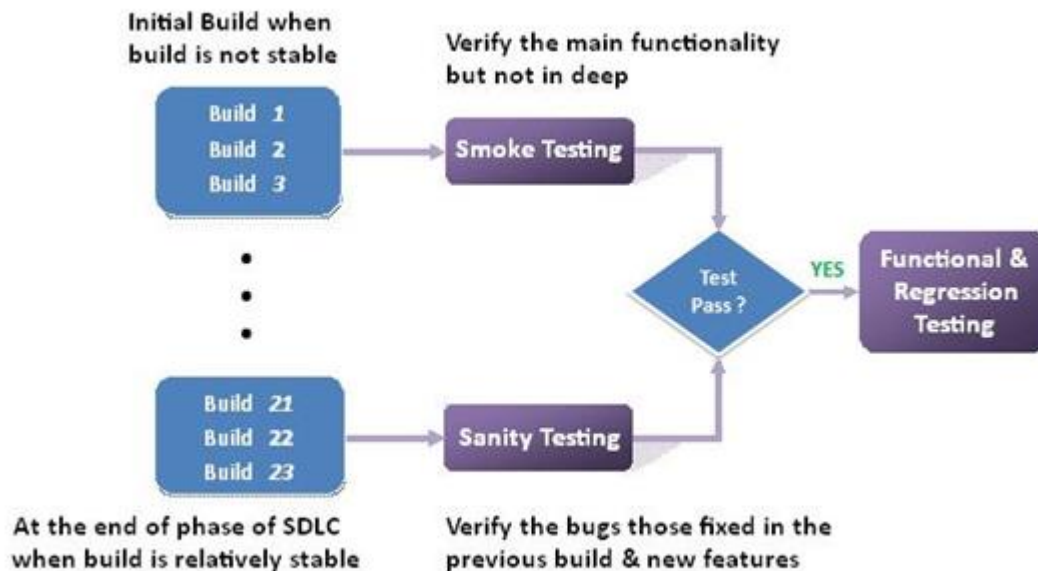
1. Review the requirements
2. Test Planning / Writing Use Cases & High Level Test Scenarios
  1. Add the user stories according to the requirement
  2. Add the test scenarios according to the user story
  3. Create a test suite related to user story
3. Executing the test scenarios for the release
  1. Functional testing
  2. Integration testing
  3. System testing
  4. Cross-browser testing / cross-platform testing
  5. Filing the defects if any and link them to related test case
4. Defect verification and re testing
5. Regression testing (Test suite)
6. Sign off



**Approach:**

Approach to be followed will be Test Driven Development.

Process to be followed with every Release will be:



In addition to functional testing, we will be doing exploratory testing.

### Exploratory Testing Process:

#### Why is Exploratory Testing needed?

Exploratory testing will allow us to think out of the box by exploring the features in a way that is not covered in the manual test suites.

#### Goals of exploratory testing

- To gain a better understanding of how an application works, what its interface looks like, and what functionality it implements
- To force the software to exhibit its capabilities: Exploratory testing will test the software by exploring the feature on the basis of a theme to cover untouched scenarios for the feature.
- To find bugs

## **How to pick a Theme for exploratory testing?**

The theme can be decided by analyzing the impact of the features and fixes in the current build. We can identify the feature/functionality/area which has been most affected with the code changes in the current build and then start Exploratory testing around those features and fixes.

## **How to document the results?**

In Exploratory testing the execution and documentation will be simultaneous for the session. Each session will have a Tour Document which serves as Test Report for the testing done in Exploratory Session.

Template for an exploratory session: [Test\\_Charter\\_Template.docx](#)

## **Resource Plan for Tasks:**

Smoke Test: **1 Resources**

Regression Test: **2 Resources**

Exploratory Testing + Other: **1 Resource**

## **Other testing tasks:**

This testing will be done when new feature will be implemented with new builds. Following tasks will be performed under this:

- New feature testing
- Retesting & regression testing based on fix description
- Adding new test cases into regression suite
- Modify existing test cases based on design changes

Test	Test Device	OS Version
Smoke Test + Defect Verification	Supported Browsers	Windows & Mac
	<b>Android:</b>	<b>Android:</b>
	Samsung Galaxy s7	7.0 Nougat
	Motorola	8.0 Oreo
	<b>iOS:</b>	<b>iOS:</b>
	iPhone 6	10.0
Regression Test	iPhone 7	11.0
	Supported Browsers	Windows & Mac
	<b>Android:</b>	<b>Android:</b>
	Samsung Galaxy s7	7.0 Nougat
	Motorola	8.0 Oreo
	<b>iOS:</b>	<b>iOS:</b>
	iPhone 6	10.0
	iPhone 7	11.0

**Note:** Devices and OS Versions will rotate in each execution cycle.

#### Supported Browsers:

- Google Chrome(Latest Version)
- Mozilla Firefox(Latest Version)
- IE: 11 / Microsoft Edge
- Safari(11)