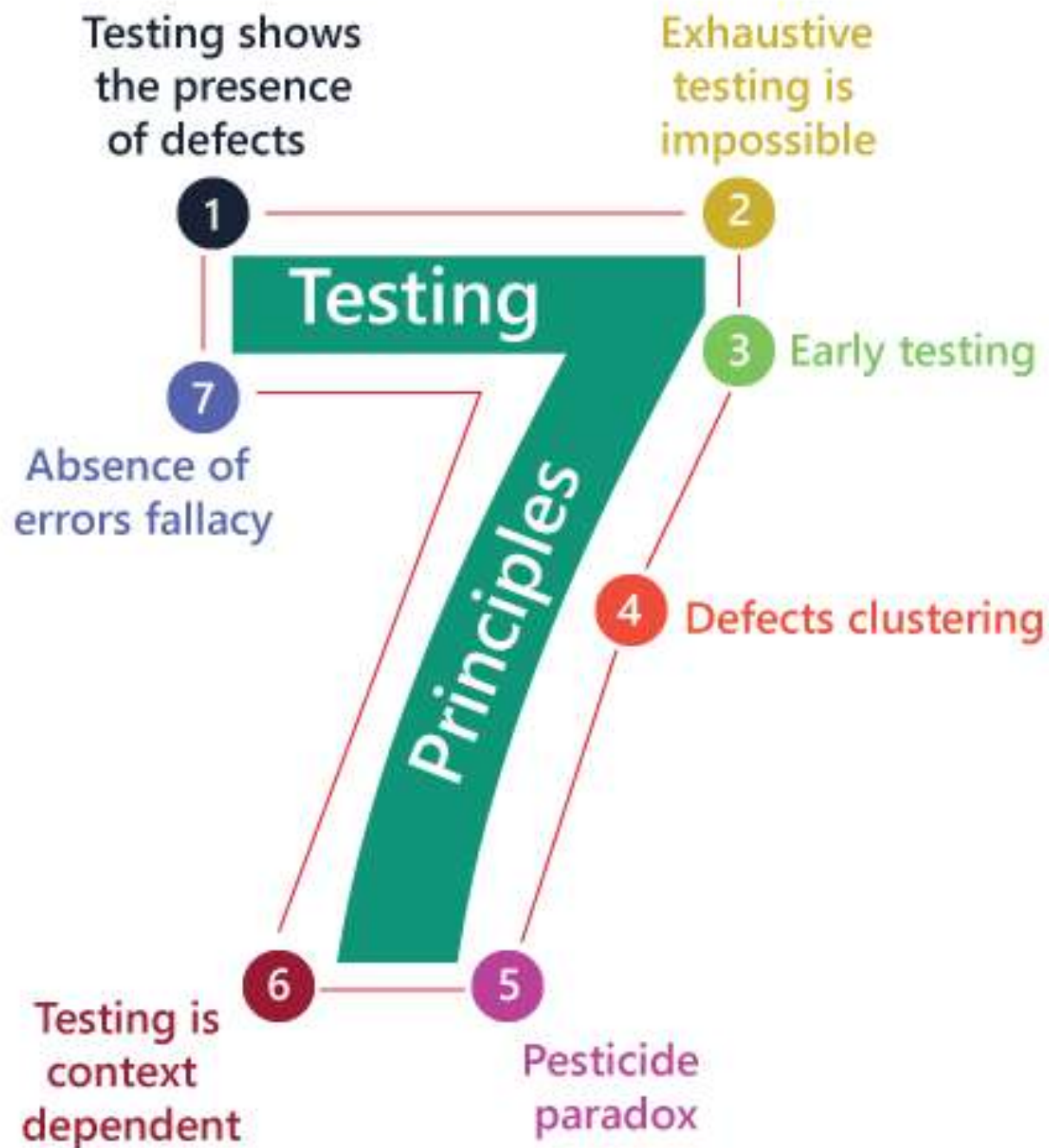


# Testing

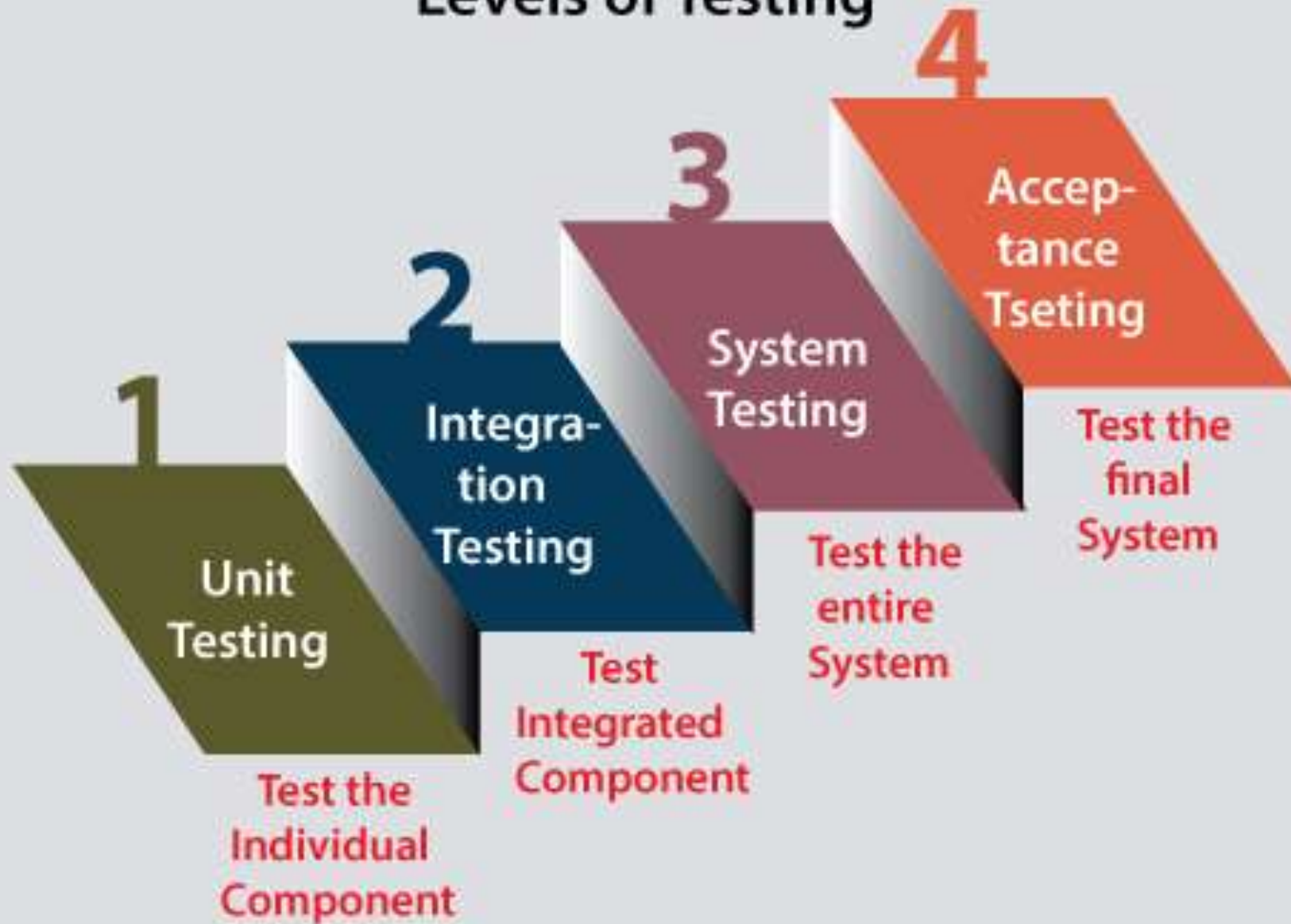
**The process or method of finding error/s in a software application or program so that the application functions according to the end user's requirement is called Software Testing.**

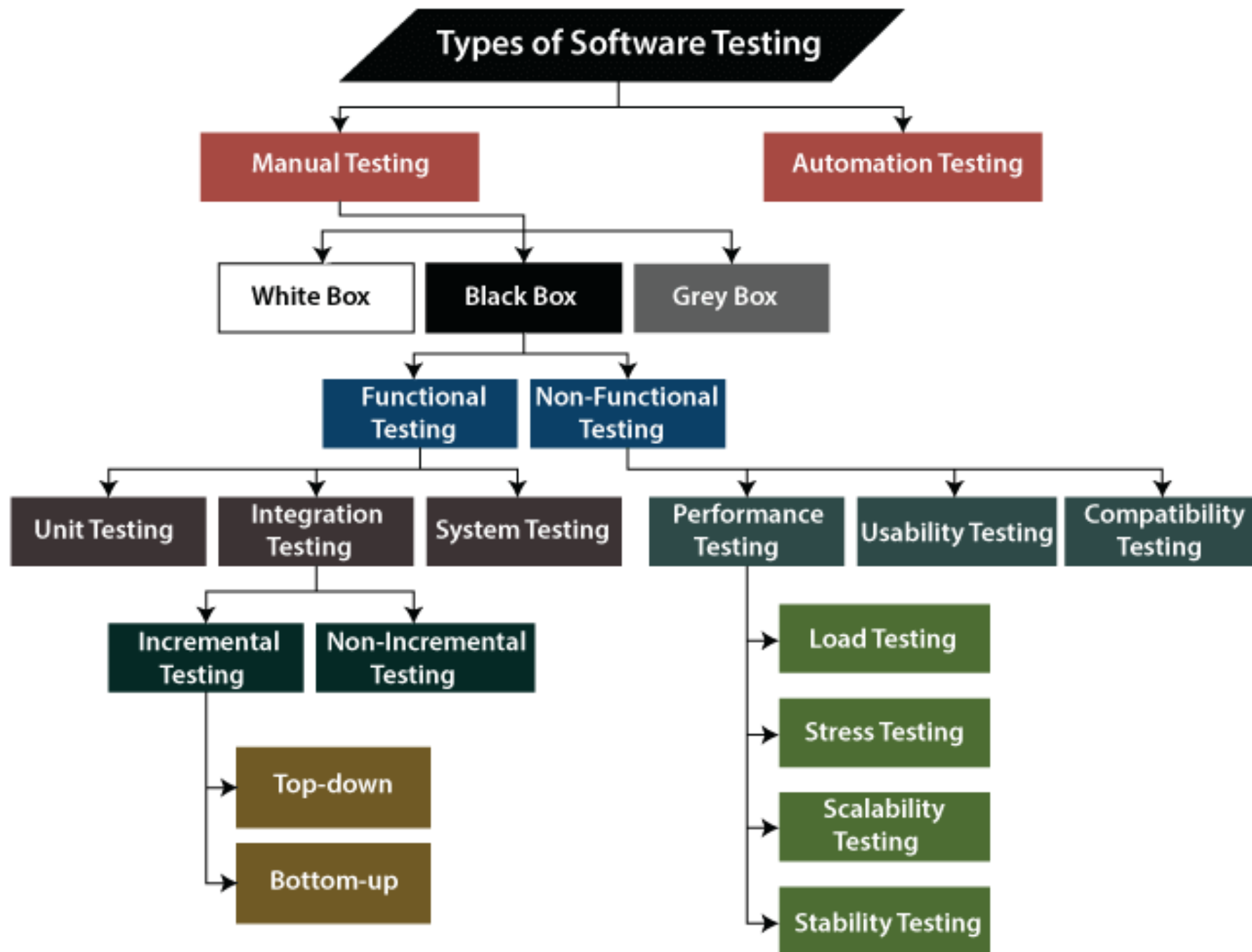
**The major objectives of Software Testing are as follows:**

- **Finding defects** that may get created by the programmer while developing the software.
- **Gaining confidence** in and providing information about the level of quality.
- **To prevent defects.**
- **To make sure** that the end result meets the business and user requirements.
- **To ensure** that it satisfies the **SRS** i.e. Software Requirement Specifications.



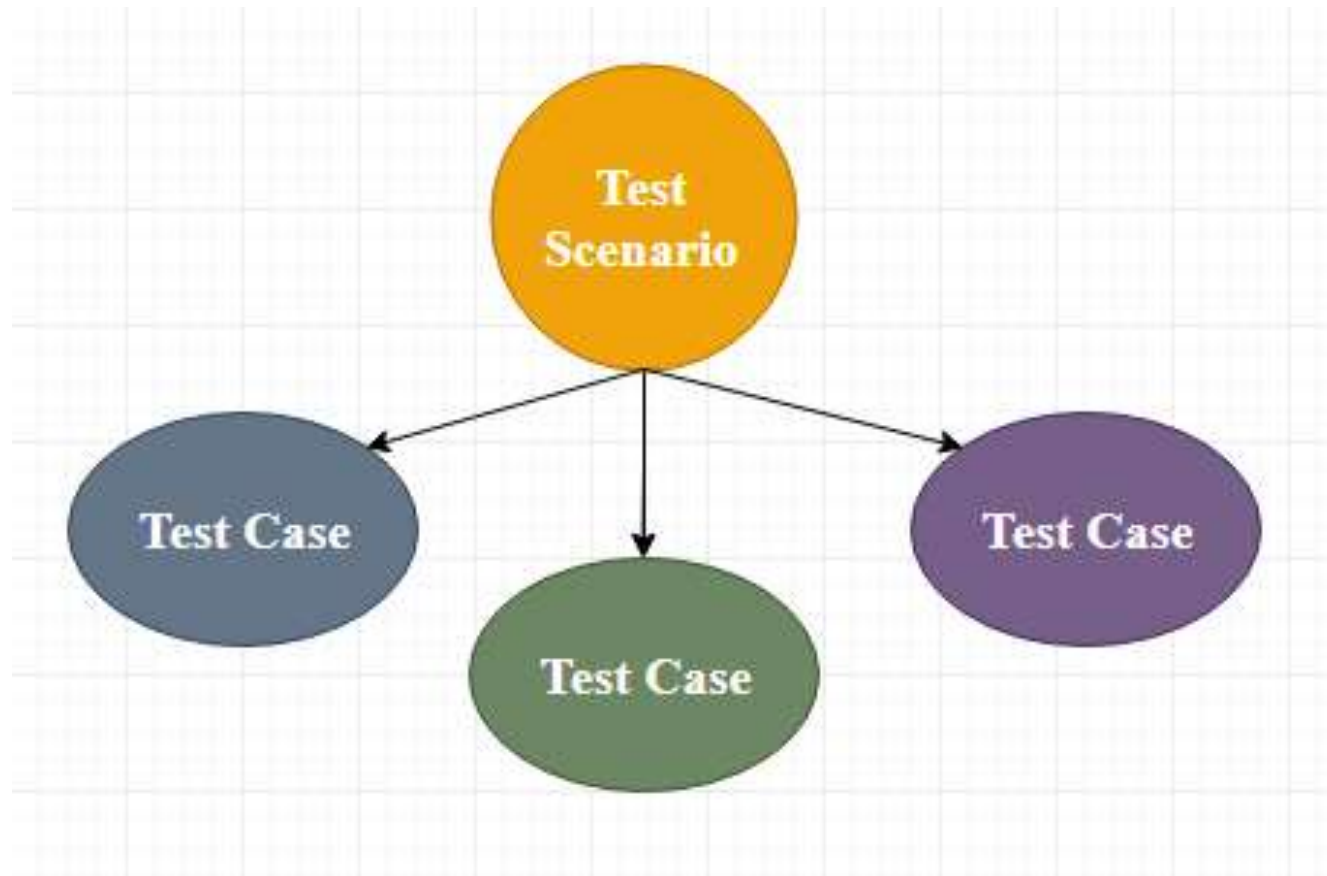
## Levels of Testing





# Test Case

The test case is defined as a group of conditions under which a tester determines whether a software application is working as per the customer's requirements or not. Test case designing includes preconditions, case names, input conditions, and expected results.



# Why test cases ?

- To require consistency in the test case execution
- To make sure a better test coverage
- It depends on the process rather than on a person
- To avoid training for every new test engineer on the product

# Test case template

## Header

Test Case Name/ID :-Release - Version - Application Name - Module

Test Case Type:-

F.T.C

I.T.C

S.T.C

Requirement Number:-

Module:-

Serverity:- Critical/Major/Minor

Status:-

Release:-

Version:-

Pre-condition:-

Test Data:-

Summary:-

## Body

Step No.	Desci- pation	Inputs	Expected Result	Actual Reasult	Status	Comments
...	...	...	...	...	...	...
...	...	...	...	...	...	...

## Footer

Author:-

Reviewd By:-

Date:-

Approved By:-



	A	B	C	D	E	F	G
1	<b>Test case template</b>						
2	test case name	Delta-3.0-ICICI-Login					
3	test case type	Functional test case					
4	requirement no	1					
5	module	login					
6	status	XXX					
7	severity	critical					
8	release	Delta					
9	version	3					
10	pre-condition	required one login					
11	test data	username-abc, password-123					
12	summary	to check the functionality of login					
13	<b>Steps no</b>	<b>Description</b>	<b>Inputs</b>	<b>Expected result</b>	<b>Actual results</b>	<b>Status</b>	<b>Comments</b>
14	1	open "Browser" and enter the "Url"	<a href="https://QA/Main/">https://QA/Main/</a>	"Login page must be display	As Expected	pass	XXX
15	2	enter the following values for "Username" :					
16		Valid(abc)	abc	Accept	Login page must be display	pass	XXX
17		Invalid		555 Error message "invalid login"	not as expected	fail	bug #1
18		Blank	Null	Error message username cannot be empty	not as expected	fail	
19		Symbols	2 alphabet	Error message invalid login	not as expected	fail	
20							
21	3	enter the following values for "Password" :					
22		valid		123 Accept	Login page must be display	pass	XXX
23		invalid	xy3	Error message invalid login	not as expected	fail	
24		Blank		Error message password cannot be empty	not as expected	fail	
25	4	enter the valid username and password and click on "OK" button	abc,123	"home Pag" must be displayed	home page is displayin	pass	
26	5	enter the valid username and password and click on "Cancel" button	abc,123	all field must be cleared	the entered data is cleared	pass	XXX
27							
28	author	test engineer name					
29	date	1/4/2020					
30	reviewed by	ryan					
31	approved by	jessica					



# The process to write test cases

