

### **Q.1 What is exploratory testing?**

**Answer :** Exploratory testing is an unscripted and unstructured approach that uses tester experience and skills to find bugs in software and improve the quality of the software. The focus of exploratory testing is more on testing as a thinking activity.

### **Q.2 What is a traceability matrix?**

**Answer:**

Traceability matrix is also known as Requirement Traceability Matrix(RTM).

RTM is a document that maps requirements with test cases to verify test coverage and traceability.

**Types of traceability matrix:**

**1. forward traceability:**

mapping from requirements to test cases.

**2.backword traceability:**

mapping from test cases to requirements

**3.Bi-directional traceability:**

mapping from requirements to test cases and test cases to requirements

### **Q.3 What is boundary value testing?**

**Answer :**

Boundary value testing is a popular technique for black box testing .

It is used to identify defects and errors in software by testing on the boundaries of the allowable range.

example: testing text box input value range

### **Q.4 What is the Equivalence partitioning technique?**

**Answer :**

Equivalence partitioning testing is a black box testing technique.

divide the input domain into classes of equivalent data.

when we are testing one class if in this class identify defects it means the rest of other classes have defects.

if we did not get defects that means other classes have not defects.

example : login form testing - design test cases of input domain(valid,invalid).

### **Q.5 What is integration testing?**

**Answer :**

Integration testing means integrating components and exposing the defects in interface and interactions of the system.

there are 2 types of integration testing:

**1.component integration testing :**

functional integration testing

non functional integration testing

## **2. system integration testing :**

big bang integration testing

### **incremental integration testing:**

top down approach

bottom up approach

## **Q.6 What determines the level of risk?**

**Answer :**

The level of risk in software testing is determined by the probability of an event occurring the potential magnitude for consequences, this is known as the risk analysis and the formula for calculating the risk level is :

**Likelihood** : the probability of the risk occurring.

**Impact** : The severity of the consequences if the risk occurs.

**Risk level:** calculating by multiplying the likelihood and impact.

The resulting score is then categorised moderate, high or extreme.

Here are some example of factors that can influence the level of risk in software testing.

Complex technology

Legacy issues

Programming problems

Personnel and training issues And

Unforeseen delays.

Risk based testing is a software testing approach that focuses on identifying and prioritizing most critical areas of a software application.

RBT can help improve the products overall quality by allowing testers to focus their time and the resources on the most important areas.

## **Q.7 What is alpha testing?**

**Answer:**

Alpha testing is a type of software testing performed to identify bugs before releasing the product to real users or the public.

The purpose of alpha testing is to identify and resolve critical bugs and issues in the software before it is released to the public.

alpha testing is the form of acceptance testing.

it is always performed by the developer at the software development site.

Sometimes it is also performed by an independent testing team.

it is always performed in the virtual environment.

it is always performed within the organization.

Unit testing, integration testing, and system testing when combined are known as alpha testing.

it is performed in virtual environment.

### **Q.8 what is beta testing?**

**Answer :**

beta testing is a final testing before releasing application for commercial purpose. it is typically done by end user or others.

it is always performed by the customer at their own site.

it is not performed by independent testing team.

beta testing is always open to the market and public.

it is performed in real time environment.

it is always performed outside the organization.

is is also form the acceptance testing.

beta testing can be considered pre-release testing.

### **Q.9 What is component testing?**

**Answer :**

Component testing means testing the smallest part of the system.

component testing is also known as module testing, unit testing, program testing.

### **Q.10 What is the functional system testing ?**

**Answer :**

functional testing means checks tester features of the application, website, or system are working as expected according to its specified requirements.

types of functional testing :

1. boundary value analysis.
2. equivalence partitioning testing
3. decision table
4. use case testing.
5. state transition testing

### **Q.11 What is non- functional system testing?**

**Answer:**

Non functional testing is a software testing technique that checks non functional attributes of the system.

check non functional aspects like performance, reliability, usability etc..

types of non functional system testing:

1. GUI testing
2. compatibility testing
3. usability testing
4. security testing
5. performance testing
6. load testing
7. stress testing

## **Q.12 What is GUI Testing?**

### **Answer :**

Graphical user interface testing is the process of testing the system GUI of the system under test. GUI testing involves checking screen with the controls like menus, buttons, icons and all types of bars, tool bar, menu bar, dialogue boxes, windows etc.

### **Approach of GUI testing:**

#### **1. Manual based testing:**

Under this approach graphical screen check manually by testers in confirmation with the requirements stated in business requirements documents

#### **2.Record and Reply:**

GUI testing can be done using automation tools, this is done in 2 parts. During record test steps are captured into the automation tools, during playback the recorded test steps are executed on the application under test. Example of such tool QTP

#### **3. Model based testing:**

A model is a graphical description of system's behaviour, it helps us to understand and predict the system behaviour, models help in a generation of efficient test cases using the system requirements.

## **Q.13 What is Adhoc testing?**

### **Answer:**

Ad-hoc testing is one type of experience based testing techniques.

it is also known as error guessing.

experience person or tester use their experience and skill to find uncover bugs.

### **Techniques :**

#### **1.buddy testing :**

2 person work on the same module .

one person from developer team and another from testing team.

#### **2.pair testing:**

2 person work on the same module.

both person from same team like as testing team.

#### **3.mokey testing :**

randomly test the application without test case with a goal to break the system.

## **Q.14 What is load testing?**

### **Answer :**

Load testing is a type of performance testing that evaluates how a system performs under expected user loads.

check system behavior under load.

testing an application under heavy loads.

determines at what point the system response degrades or fails.

maximum operating capacity of an application.

number of concurrent users that an application can support.

current infrastructure is sufficient to run the application.

This testing helps determine how the application behaves when multiple users access it simultaneously.

### **Q.15 What is stress testing?**

**Answer :**

Stress testing is the one of the performance testing types that checks the computer system working process under a lot of stress.

system is stressed beyond its specifications to check how and when it fails.

performed under heavy load like putting large numbers beyond storage capacity, complex database queries, continuous input to system or database load.

stress testing is used to test the system reliability and stability.

stress testing is also known as endurance testing.

stress testing is done to make sure that the system would not crash under crunch situations.

### **Q.16 What is white box testing and list the types of white box testing?**

**Answer :**

testing based on an analysis of the internal structure of the system or components.

Structure based testing technique is also known as white box testing or glass box testing techniques, because here the tester is required to have knowledge of how the software is implemented and how it works.

testing based upon the structure of the code.

white box testing is also called glass box testing or open box testing.

The tester needs to have looked inside the source code and find out which unit of the code is behaving inappropriately.

white box testing techniques :

statement coverage

decision coverage

condition coverage

### **Q.17 What is black box testing? What are the different black box testing techniques?**

**Answer :**

Testing either functional and non functional testing without reference to the internal structure of the system or components.

specification based testing technique is also known as black box testing technique.

the tester have no knowledge of how the system or components is structures inside the box.

The techniques of testing without having knowledge of the interior working of the application is black box testing.

advantage:

code access is not required

well sited and efficient for large code segments.

disadvantage:  
difficult to design test cases.  
blind coverage.  
limited coverage since only a selected test scenario are actually performed.

Techniques :

1. Boundary Value analysis(BVA)
2. Equivalence partitioning technique(EPT)
3. Decision table
4. use case testing
5. state transition testing
6. other black box testing

## **Q.18 Mention what are the categories of defects?**

**Answer :**

### **1. functional defects :**

affect the functionality of the application, preventing it from performing as specified task.  
ex. incorrect calculation, broken links or features that do not work.

### **2. Performance defects:**

problems that affect the speed, responsiveness, or stability of the application under load.  
ex. slow response time, memory leaks, or high CPU usage.

### **3. Usability Defects :**

issues that impact the user experience and make the application difficult to use or understand.  
ex. confusing navigation, poor layout, or unclear instruction

### **4. Security Defects :**

Unauthorized access or data breaches risks in the application.  
ex. lack of encryption, inadequate password policies

### **5. Compatibility defects :**

problems that occur when the application does not function correctly across different environment, browser or devices.

### **6. Integration defects :**

issues that arise when different modules or system do not work together as intended.  
ex. data not being correctly passed between integrated system.

### **7. localization/internationalization defects :**

issues related to the adaptation of the application for different languages and regions.

ex. incorrect translation or date format issues.

**8. documentation defects :**

Errors or inconsistencies in user manuals, help files, or online documentation.  
ex .outdated information or missing instructions

**9. configuration defects :**

issues related to incorrect configurations or setting that affect application performance  
ex. misconfigured server settings or incorrect environment variables.

**10. regression defect :**

bugs that occur in existing functionality after changes have been made to the codebase  
ex. a feature that previously worked becomes non-functional after a new update.

**Q.19 Mention what bigbang testing is?****Answer :**

All the modules are integrated simultaneously.  
expose the defects between interface and interaction of the integrated components.

**pros :**

all modules can be testing in one integration  
saving of time

**cons:**

if any problem or defects detects, it is difficult to find it in testing.

**Q.20 what is the purpose of exit criteria?****Answer :**

Purpose of exit criteria is to define when we stop testing either at the:

- 1.End of all testing - i.e. product go live
2. End of phase testing - I.e (hand over from system test to UAT)

How do we know when we stop testing ?

1. Run out of time
2. budget out of time
- 3.The business tells you it went live last night
- 4.Boss say stop
- 5.All defects have been fixed.
- 6.when out exit criteria have been met

**Q.21 When should "regression testing" be performed?****Answer :****1. After code changes :**

whenever new features are added or existing features are modified, regression testing ensure that these changes do not negatively impact the existing functionality.

## **2. After bug fixes:**

When bugs are fixed, regression testing verifies that the fix works and that no new issues have been introduced in related areas.

## **3. Before releases:**

prior to any major release or deployment, regression testing is essential to ensure that the application is stable and functions correctly.

## **4. After integration :**

When integrating new modules or system, regression testing checks that the integration has not caused any disruption to the existing functionality.

## **5. Post environment changes :**

if there are changes in the environment, such as upgrades to software, hardware, or operating systems, regression testing ensures compatibility and functionality remain intact.

## **6. During performance testing :**

after conducting performance testing, regression testing can help confirm that performance optimizations do not affect existing functionalities.

## **7. After User Acceptance testing (UAT):**

if changes made based on feedback from UAT, regression testing is performed to verify that the adjustments do not introduce new issues.

## **8. When using automated tests:**

Automated regression tests should be run regularly, especially after any code commits or continuous integration processes, to quickly identify any regressions

## **Q.22 What is 7 key principles? Explain in detail?**

**Answer :**

1. testing shows presence of defects:
2. exhaustive testing is not possible:
3. early testing:
4. defect clustering:
5. the pesticide paradox:
6. testing is context dependent:
7. absence of error fallacy:

### **1: Testing Shows Presence of Defects :**

Description:

Testing can demonstrate the presence of defects but not their absence.

key point :

No amount of testing can guarantee that the software is completely free of defects.

Example:

Testing reveals a bug in the login feature of an application that causes it to crash under certain conditions.



This defect is identified, but testing cannot guarantee that no other bugs exist

## **2: Exhaustive Testing is Impossible:**

Description:

It is not possible to test all possible inputs and scenarios.

key point :

Focus on risk-based and prioritized testing to cover the most critical aspects.

Example:

In a complex system with millions of possible input combinations, it's impractical to test every single scenario. Instead, testing focuses on representative cases and risk-based approaches to maximize coverage within practical limits.

In a banking application with numerous account types and transaction methods, it's not feasible to test every possible combination. Instead, the team uses representative test cases and prioritizes critical scenarios

## **3: Early Testing:**

Description:

Begin testing as early as possible in the software development lifecycle

key point :

Early testing helps identify defects sooner and reduces costs.

Example:

During the development of a new application, the testing team starts writing test cases and testing early prototypes. This helps catch issues early in the development cycle, reducing the cost and effort of fixing them later

## **4: Defect Clustering :**

Description:

A small number of modules or features typically contain the majority of defects.

key point :

Focus on testing the areas with higher defect density.

Example:

In a financial software application, most defects might be found in the calculation module, even though there are many modules. This principle suggests that defects often cluster in specific areas, so focused testing on those areas can be more effective.

Most defects are found in the payment module of an e-commerce application, indicating that this area requires more focused testing and scrutiny compared to other modules.

## **5.Pesticide Paradox:**

Description:

Running the same set of tests will not continue to find new defects.

key point: Regularly update and diversify your test cases to find new defects.

Example:

Running the same set of tests repeatedly will not uncover new defects.

To find new bugs, testers need to create new test cases or modify existing ones. For example, if previous tests always pass, introducing boundary tests might reveal new issues.

If running the same set of regression tests always results in a pass, introducing new types of tests, such as performance or stress tests, can help uncover additional issues.

## 6. Testing is Context-Dependent

Description: Testing approaches vary depending on the context of the software and its environment

key point:

Tailor your testing strategy to the specific needs and constraints of the project.

Example:

Testing a mobile app requires different approaches compared to testing a web application.

Mobile testing must consider various devices and screen sizes, while web testing might focus more on browser compatibility and responsiveness.

## 7: Absence-of-Errors Fallacy :

Description :

Even if no defects are found, it does not mean the software is ready for release.

key point :

The software must meet business requirements and provide value to users, not just be defect-free.

Example:

An application may pass all tests and appear to be bug-free, but it might still not meet the user's needs or business requirements.

Testing ensures that defects are found, but it does not guarantee that the product will fulfill its intended purpose if requirements are not met.

## Q.23 Difference between QA v/s QC v/s Tester

Answer:

QA	QC	tester
QA- quality assurance	QC- Quality Control	
QA is subset of STLC	QC - is a subset QA	Testing is a subset of QC
it is a process oriented activities	it is product oriented activities	it is product oriented activities
preventive activities	corrective prcess	preventive process
focus on process and procedure	focus on actual testing of product with identify defect or bug through implementation of process and procedure	focus on actual testing of software

## Q.24 difference between smoke and sanity?

**Answer :**

smoke	sanity
for every new build smoke testing is conducted	when requirement changes or bugs are fixed then smoke testing conducted
smoke testing is the subset of regression testing	sanity testing is the subset of acceptance testing
smoke testing performed by developer or tester	sanity testing performed by tester
smoke testing verify stability of the system	sanity testing verify the rationality of the system

## Q.25 difference between verification and validation?

**Answer :**

verification	validation
verification performed before validation	validation performed after verification
verification checks documents, design,code and programs	validate actual product
verification is the static testing	validation is the dynamic testing
it does not include execution of code	execute codes
methods- review, walk through and inspection	methods-black box testing, white box testing, and non functional testing
it can find the bug early stage of the development	it can find bug which couldn't found during verification
it consists of checking documents/files and performed by human	it consists of execution of program and is performed by computer
verification is also termed as white box testing	validation is also termed as dynamic testing

## Q.26 Explain types of performance testing ?

**Answer :**

### 1. Load testing:

Assesses the system's performance under user expected loads to determine how it behaves under normal condition.

### 2.stress testing:

Tests the system limits by applying extreme loads beyond the expected maximum, to identify breaking points failure modes.

### 3.Endurance testing(soak testing):

Checks how the system performs under a under sustained load over and extended period to identify memory leaks or resource exhaustion.

### 4.spike testing:

Involves sudden increases in load to evaluate how the system handles abrupt changes in demand.

### 5.volume testing:

Evaluates how the system performs with a large volume of data to ensure it can handle data storage and retrieval efficiently.

### 6.Scalability testing:

Assesses the system's ability to scale up or scale out to accomodate increasing loads.

## 7. Configuration testing:

## 8. Latency testing:

Evaluates the time taken for data to travel across the network, ensuring response times meet performance standard.

## Q. 27 What is Error, Defect, Bug and failure?

**Answer :**

**Error :** A mistake is done by developer is called error.

**defect :** that defect is found by tester is called defect

**bug :** if defect is accepted by development team is called bug

**failure :** if build does not meets the requirements is called failure

**failure :** the inability of a system or component to perform its required functions within specified performance requirements.

## Q.28 difference between priority and severity

**Answer :**

priority	severity
severity means how the defect is affect the system functionality	priority means how fast a defect has to be fixed
it associated wit functionality	it associated with schedule
it is driven by functionality	it is driveny by business value
it indicates the seriousness of the bug in the poroduct functionality	it indicates how soon the bug should be fixed
its value is objective	its value is subjective
its value doesn't change from time to time	its value change from time to time
test enginner decide the severity level of the defects	product manager decide the priority of the defects
categories : critical major medium low	categories : high medium low
related to quality standard	related to scheduling to resolve the problem

## Q.29 what is bug life cycle?

**Answer :**

A computer bug is an error, flaw, mistake, failure, or fault in computer program, that prevent it from working correctly or produce an incorrect result.

the duration or time span between the first time defect is found and the time that it is closed successfully, rejected, postpend or deffered is called as defect life cycle.

bug life cycle steps:

- 1.new** : when first new bug is find.
- 2. assign** : bus that is assigned to particular developer.
- 3.open** : when developer analysis on bug and correction mistake.
- 4. fixed** : when developer fixed the bug.
- 5. pending retest** : when the developer fixed the bug and assign to particular tester.
- 6.retest** : tester retest the application.
- 7.verified** : if the application bug is fixed.
- 8.close** : after bug is fixed status for bug is closed.
- 9.reopen**: when tester retesting the application or program, at that time the bug doesn't fix the tester reopen.
- 10. duplicate** : when developer analyze the bug if they received bug is already exist.
- 11.rejection** : the bug is not actually bug but it is functionality it will reject.
- 12. deferred** : when developer got bug, if the bug is not prime priority, it will fiix on next version.
- 13.not a bug** : when developer analyze the bug, and they show it is not actually bug.

### Q. 30 Explain the difference between Functional testing and NonFunctional testing

Answer :

functional testing	non functional testing
functional testing perform before non function testing	non functional testing perform after functional testing
used manual and automation tools	tools are used for non functional testing
business requirement used as input	performance parameter like speed, reliability, scalability use as a input
types : black boc testing white box testing smoke testing sanity testing experience testing end to end testing regression testing	types : GUI testing Compatibility testing usability testing security testing load testing stress testing
easy to do maual testing	tough to do manual testing
functional testing describes what the product does	non functional testing describes how good the product works

### Q.31. create HLR and test cases (facebook, instaram)

Answer :

facebook HLR :

Functionality Id	functionality name	Description
101	check website link	it opens proper website
102	check website security	it shows website secure with Https
103	check website Icon - text	it shows proper icon

104	click on website icon	it must be clickable and redirect to facebook index page
105	check click on email or phone number input field	it shows proper hover effect
106	check click on password filed	it shows proper hover effect
107	check password view icon	it shows proper view icon in password filed
108	check password click on view icon	when I click on view icon it shows all characters or unmasking password
109	check password field	when i write password in password field it masking with ..... or *****
110	check click on login button - with empty input field	it must be shows proper error message
111	check click on forgotten password link	it redirects to find your account page
112	check click on create new account button	it redirects to register page
113	check click on browser back button - register	it shows proper dialogue box for go to back or continue register
114	check login button	it shows proper hover effect and it is clickable
115	check click on create a page for celebrity, bran or business	it should redirect to create a new page, and user must required login
116	check login with - invalid credential	when i enter email and password wrong it must be show proper error message, email and password is incorrect
117	check login with valid credential	it redirect home page
118	check login with valid email and invalid password	it shows proper error message for invalid field
119	ckeck login with invalid email and valid password	it shows proper error message for invalid field
120	check login with blank email and valid password	it shows proper error message for invalid field
121	check login with blank email and invalid password	it shows proper error message for invalid field
122	check login with valid email and blank password	it shows proper error message for invalid field
123	check login with invalid email and blank password	it shows proper error message for invalid field
124	check length of email and password field	length of email and password is as per specification
125	check tab key functionality	tab key should be working proper
126	check shift+tab key	shift+tab key should be works proper
127	check enter key of keyboard	enter key should be works proper

### Facebook testcase :

Test case id	Functionality id	Testcase name	test_description	pre-condition	steps	Test data	expected result	actual result	status
1	101	check website link - chrome	check website link is proper open or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter	<a href="https://www.facebook.com/">https://www.facebook.com/</a>	website should be open proper	as per expected result	pass
2	101	check website link- firefox	check website link is proper open or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter	<a href="https://www.facebook.com/">https://www.facebook.com/</a>	website should be open proper	this website is not available on firefox	fail
3	101	check website link - mobile browser	check website link is proper open or not	internet and browser must be in working condition	1.open browser-chrome 2.paste website link 3.click on search icon	<a href="https://www.facebook.com/">https://www.facebook.com/</a>	website should be open proper	as per expected result	pass
4	102	check website security	check website is secure or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.copy link	<a href="https://www.facebook.com/">https://www.facebook.com/</a>	website should shows secure with https	as per expected result	pass
5	103	check website Icon	check website icon is proper	internet and browser must be in	1.open browser 2.paste website	-	website icon should be shows proper and text	as per expected result	pass

			show or not	working condition	link and press enter		shows proper		
6	104	check click on website icon	check website icon is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on icon	-	it should redirects to website index page	as per expected result	pass
7	105	check click on email or phone number input field	check click on email or mobile number input field is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on email or mobile number input field	-	email or mobile number inout field is clickabel and shows proper hoer effect	as per expected result	pass
8	106	check click on password filed	check click on password input filed is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on password inout field	-	password input field is clickabel and shows proper hoer effect	as per expected result	pass
9	107	check password view icon	check in password field password view icon shows or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on password input filed 4.type password text	password:abc	when i type text in password filed it should be shows password view icon	as per expected result	pass
10	108	check	check	internet	1.open	password:abc	after type text	as per	pass



		password click on view icon	click on password view icon is working or not	and browser must be in working condition	browser 2.paste website link and press enter 3.click on password input filed 4.type password text 5.click on password view icon		in password view icon and when i click on view it should be shows type text in password filed	expected result	
11	108	check password click on view icon	check click on password view icon is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on password input filed 4.type password text 5.click on password view icon	password:abc	after type text in password view icon and when i click on view it should be hide type text in password filed	as per expected result	pass
12	109	check password field	check password filed is encrypted or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on password input filed 4.type password text	password:abc	in password input field password must be maskin with ***** * or .....	as per expected result	pass

13	110	check click on login button - empty input filed	check click on login button is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on login button	-	it must be shows proper error message for empty input field must be fill	here shows error message only for email or phone input filed	fail
14	111	check click on forgotten password link	check click on forgotten password link is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on forgotten password link	-	it should be redirect to find your account page	as per expected result	pass
15	113	check click on browser back button	check click on browser back button is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on forgotten password link 4.click on browser back button	-	it should be redirect to login page	as per expected result	pass
16	112	check click on create new account button	check click on create new account button is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on create new account	-	it should be redirect to create new account page	as per expected result	pass
17	113	check click on	check click on browser	internet and browser	1.open browser 2.paste	-	it should be redirect to login page	as per expected result	pass

		browse r back button	back button is working or not	must be in working condition	website link and press enter 3.click on forgoten passwor d link 4.click on browser back button				
18	114	check login button	check login butto is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.move cursor on login button	-	it it clickable and shows proper hand key event	as per expected result	pass
19	115	check click on create a page for celebrit y, bran or busines s	check click on create a page link is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.click on create page	-	it shold redirect to create new page, and use must need to login for create page	as per expected result	pass
20	116	check login with - invalid credent ial	check login with invalid credential is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter both invalid credenti al	email:acb@mai l.com password:1234 56	it should be shows proper error message for invalid credential	it shows only email address is not connected with an account	fail
21	116	check login with - invalid credent ial	check login with invalid credential is	internet and browser must be in working condition	1.open browser 2.paste website link and press	email:1235678 90 password:1234 56	it should be shows proper error message for invalid credential	it shows error message only for password, you enter	fail

			working or not		enter 3.enter both invalid credential			password is incorrect	
22	117	check login with valid credential	check login with valid credential is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter bot valid credential	email:8320340 602 password:**** ***** *	user should be able to login and redirect to hompage	as per expected result	pass
23	118	check login with valid email and invalid password	check login is working or not valid email and invalid password	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter valid email and invalid password	email:8320340 602 password:**** ***** *	user should not be able to login and shows proper error message your password is incorrect and aske for forgotten password	as per expected result	pass
24	119	check login with invalid email and valid password	check login is working or not invalid email and valid password	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter invalid email and valid password	email:2356897 21123652 password:**** ***** *	user should not be able to login and shows proper error message your email is incorrect and aske for find your account	as per expected result	pass
25	120	check login with blank email and valid password	check login is working or not blank email and valid password	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter blankem	email : password:**** ***** *	user should not be able to login and shows proper error message your email is incorrect and aske for find your account	as per expected result	pass

					ail and valid passwor d				
26	121	check login with blank email and invalid passwo rd	check login is working or not blank email and invalid password	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter blankem ail and invalid passwor d	email : password:**** ***** *	user should not be able to login and shows proper error message your email is incorrect and aske for find your account	as per expected result	pass
27	122	check login with valid email and blank passwo rd	check login is working or not valid email and blank password	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter valid email and blank passwor d	email:8320340 602 password:	user should not be able to login and shows proper error message please enter vallid password and aske for forgotten passwrod	as per expected result	pass
28	123	check login with invalid email and blank passwo rd	check login is working or not invalid email and blank password	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.enter invalid email and blank passwor d	email:8320340 602655 password:	user should not be able to login and shows proper error message please enter invallid password and aske for forgotten passwrod	as per expected result	pass
29	124	check length of email input field	check length of both input filed is available or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.emter email	email:2356897 211236521235 678999991113 361111315459 9899ddddddddd ddddddddddddd dddddddddddg fffffffffffffffff fffffffffffffffff	it should be limit for emter email or phone number	there is no limit for enter email in input filed	fail



			or not	working condition	link and press enter 3.press tab key or shift+tab key of keyboard				
33	127	check enter key of keyboard	check enter key of keyboard is working or not	internet and browser must be in working condition	1.open browser 2.paste website link and press enter 3.press tab key or shift+tab key of keyboard 4.enter input filed 5.press enter key	email:8320340602 password:**** ***** *****	enter key of keyboard should be works	as per expected result	pass

#### instagram HLR :

functionality id	functionality name	Description
101	check website link	it opens proper website
102	check website security	it shows websites secure with https
103	verify slider images in mobile - homepage	it shows proper slider of image
104	check language dropdown - mobile	language dropdown must be clickable
105	check click on language - mobile	it should be shows proper languages list
106	check Instagram logo	it shows proper logo and it's clickable, it must redirect to home page or refresh but it doesn't refresh
107	check continue with Facebook button	check continue with Facebook button is working or not and it is clickable
108	check email/Mobile number/username input field	it shows proper hover effect
109	check password input field	it shows proper hover effect
110	check forget password link	check forget password link is working or not
111	check login button	check login button is working or not

112	check sign-up	check sign-up link is working or not
113	check google play button	it is clickable and shows proper hand key
114	check microsoft button	it is clickable and shows proper hand key
115	terms of use	check terms of use is working or not
116	check privacy policy	check privacy policy is working or not
117	check footer option	all footer option is clickable and shows proper hand key

#### Instagram test case :

testcase_id	functionality_id	testcase_name	test_description	pre-condition	steps	test_data	expected result	actual result	status
1	101	check website link - chrome	check website is proper open or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter	<a href="https://www.instagram.com/">https://www.instagram.com/</a>	website should be open properly	as per expected result	pass
2	102	check website link	check website is secure with https	internet, browser must be in working condition	1. open browser 2. enter link and press enter	-	website should be secure with https	as per expected result	pass
3	103	verify slider in mobile - homepage	verify slide images in mobile-instagram home page	internet, browser must be in working condition	1. open browser 2. enter link and press enter	-	slider images should be change properly	as per expected result	pass
4	104	check language - mobile	check language shows proper	internet, browser must be in working condition	1. open browser 2. enter link and press enter	-	language shows proper	as per expected result	pass
5	105	check click on language	check click on language is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on english language	-	it shows all language list	as per expected result	pass



6	105	check click on lanage	check click on language is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on english language	-	it should be shows as a dropdown type list or select lanaguages	it shows only english language and user don't know it is clickable or not, it's vies like only labels	fail
7	106	check Instagram logo	check Instagram logo	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. move cursor on logo	-	logo proper shows and shows proper hand key and it is clickabel	as per expected result	pass
8	106	check click on logo	check click on logo is woring or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on logo	-	it must be redirect to home page or refresh page	it does n't refesh page	fail
9	107	check continue with facebook link	chech link shows proper or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. move on link	-	link should be clickabe and shows proper hand key	as per expected result	pass
10	107	check continue with facebook link click	check click on continue with facebook is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on link	-	it should be redirect to facebook login page	as per expected result	pass
11	108	check	check	internet,	1. open	-	email/userna	as	pass

		email/Mobile number/username input field	email/mobile/username input field is proper shows or not	browser must be in working condition	browser 2.enter link and press enter 3.move cursor on email/mobile/username input field		me/mobile input filed is shows proper hover effect and it is writeable	per expected result	
12	108	check email/Mobile number/username input field click	check email/mobile/username input field clickable or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.click on input field email/mobile/username	-	it it clickable	as per expected result	pass
13	109	check password input field	check password field shows proper or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.move cursor on password field	-	it is clickable and show proper input field	as per expected result	pass
14	109	check click on password input field	check click on password field is working or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.click on password field	-	it is clickable	as per expected result	pass
15	110	check forget password link	check forget password link proper shows or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.move cursor on forget password link	-	it shows proper link and it is lickable	as per expected result	pass
16	110	check click on forget password link	check click on forget password link is working or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.click on forget password link	-	it should be redirect to forget password page	as per expected result	pass
17	111	check login	check login button shows	internet, browser	1. open browser	-	login button must be	as per	pass

		button	proper or not	must be in working condition	2.enter link and press enter		shows proper	expected result	
18	111	check click on login button	check click on login button is working or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3. click on login button	-	login button should be clickable	it is not clickable and don't shows hand key	fail
19	112	check sign up	check sign up link shows proper	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.move cursor on sign up link	-	it is clickable and shows proper link	as per expected result	pass
20	112	check click on sign up	check click on sign up is working or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.click on sign up link	-	it should redirect to sign up page	as per expected result	pass
21	113	check google play button	check google play button shows proper or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.move cursor on google play store button	-	button shows proper and it is clickable	as per expected result	pass
22	113	check click on google play store button	check click on google play store button is working or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.click on google play store button	-	it should be redirect to google play store page	as per expected result	pass
23	114	check microsoft button	check microsoft button shows proper or not	internet, browser must be in working condition	1. open browser 2.enter link and press enter 3.move	-	button shows proper and it is clickable	as per expected result	pass

				n	cursor on microsoft button				
24	114	check click on microsoft button	check click on microsoft store button is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on microsoft store button	-	it should be redirect to microsoft page	it is clickable but does n't redirects to any page	fail
25	115	terms of use	check terms of use is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on terms of use	-	it should be redirects to terms of use page	as per expected result	pass
26	116	check privacy policy	check click on privacy policy is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on privacy policy	-	it should be redirect to privacy policy page	as per expected result	pass
27	117	check footer option	check click on footer option is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. move cursor on footer option	-	it shows proper hand key and it is clickable	as per expected result	pass
28	117	check click on footer option	check click on footer option is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. click on footer option	-	it should be redirects to clickable option page	as per expected result	pass
29	109	check password inout field - shows password	check shows password is working or not	internet, browser must be in working condition	1. open browser 2. enter link and press enter 3. type password 4. click on show password	-	password should be display	as per expected result	pass

30	109	check password inout fiedl – hidepaawo rd	check hide password is working or not	internet, browser must be in working conditio n	1. open browser 2.enter link and press enter 3.type password 4.click on hide passowrd	-	password should be hide	as per expe cted resul t	pass
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### Q.32 what is the difference between testcases, test scenario and test script?

**Answer :**

#### **Test scenario :**

A scenario is any functionality that can be tested. it is also called test condition or test possibility.  
test scenario is what to be tested.

test scenario is nothing but test procedure  
the scenario derived from use cases.

#### **Test cases :**

test cases involve the set of steps, condition and input which can be used while performing the testing task.

test cases is how to be tested

test cases derives from test scenario

test case represent a single action by user

test cases are set of input and output given to the system

#### **test script (test procedure specification):**

specifies the sequence of actions for test

it is also known as test script

test script can be manual or automated

### Q.33 Explain what test plan is? what is the information that should be covered.

**Answer :**

A document describing the scope, approach, resources, and schedule of intended test activities.

determining the scope, risk and identifying the objective of testing.

define overall approach of testing, including definition of test level, and entry and exit criteria.

integrating and co-ordinating the testing activities into the STLC.

making decision about what to test, what roles perform the test activities, how the test activities should be done and how the test result will be evaluated?

scheduling test analysis and design activities.

scheduling test implementation, execution and evaluation.

assigning the resource for different activities.

defining amount, level of detail, structure and template for the test documentation

### **Q.34 what is priority?**

**Answer :**

priority is relative and business focused

priority defines the order in which we should resolve a defect.

### **Q.35 what is severity?**

**Answer :**

severity is absolute and customer focused.

it define the impact that a given defect has on the system.

### **Q.36 bugs categories are**

**Answer :**

**database bug :**

deal with improper handling of data in the data base.

**Example:**

values does not entered/ deleted into the database.

improper/ wrong/null values inserted in place of actual values.

**critical functionality bug :**

the occurrences of these bugs hampers the crucial functionality of the application.

**example :** exception.

when i click on any functionality if when i click on any functionality is shows direct error message or nothing shows on page.

**functionality bug :**

These defects affect the functionality of the application.

**Example:**

all java script error

button likes save, delete, cancel not performing their intended functions.

a missing functionality or a feature not functioning the way it is intended  
continues execution of loops.

**security bug :**

application security defects generally involve improper handling of data sent from the user to the application. these defects are the most severe and given highest priority for a fix.

**Example :**

authentication : accepting an invalid username and password

authorization : accessibility to pages though permission not given

**User interface defect :**

As the name suggest, the bugs deal with problem s related to UI are usually considered less severe.

**Example:**

improper error/ warning / UI message  
spelling mistake  
alignment problems

**Defect severity :**

severity is absolute and customer focused.  
It defines the impact that a given defect has on the system.

**Example :**

if an application or web page crashes when a remote link is clicked in this case clicking the remote link by an user is rare but the impact of application crashing is severe. so that severity is high but priority is low

severity can be following type:

Critical:  
major(High):  
moderate(medium)  
minor(low):

**Defect priority :**

priority is relative and business focused.  
priority defines the order in which we should resolve a defect, we fix it now or can it wait?  
this priority status is set by the tester to the developer mentioning the time frame to fix the defect.  
if priority is high, developer must be fix it earliest.  
the priority is set based on the customer requirements

**example :**

if the company name misspelled in the home page of the website then the priority is high and severity is low to fix it.

priority can be a following types:

low  
medium  
high

**Q.37 Advantage of bugzilla.****Answer :**

Bugzilla is an open source bug/issue tracking system.  
That allows developers effectively to keep track of outstanding problem with their product.  
It written in perl and uses MySQL database.  
Bugzilla is a defect tracking tool

However it can be used, as a test management tool as such it can be easily linked with other test case management tools like quality center, testlink etc.

This open bug tracker enables user to stay connected with their clients or employees, to communicate about problems effectively throughout the data management chain.

**Key features of bugzilla include:**

Advanced search capabilities

Email notifications

Modify/file bug by email

Time tracking

Strong security

Customization

Localization

**Q.38 what are the different methodologies in agile development model?**

**Answer :**

Here are some popular agile development methodologies :

**1. Scrum :**

A popular framework that uses a scrum board to organize task based on progress. It's well suited for small teams that Are willing to pivot often.

**2. Kanban:**

A visual project management method that uses a kanban board to track progress and upcoming tasks.

**3. Extreme programming(XP):**

Emphasizes continuous development and delivery to the customer.

**4. Feature driven development :**

Involves creating software models every two weeks

**5. Lean :**

Focuses on ensuring high quality from the beginning

**6. Crystal :**

A family of methodologies that can work for teams for varying sizes.

Crystal methodologies emphasizes communication and collaboration to improve efficiency and quality

**7. LeSS :**

Created to support organizations with multiple scrum teams.

**8. Nexus :**

An agile model that used in tandem with scrum.

It adds an integration team to facilitate dependencies and other issues between teams .



### **Q.39 Explain the difference between Authorization and Authentication in Web testing. What are the common problems faced in Web testing?**

**Answer :**

<b>Authentication</b>	<b>Authorization</b>
This process verifies the identity of a user or system	This process determines what an authenticated users allow to do
It ensures that users are who they claim to be	It controls access to resources based on user permission
methods : common methods include username/password combinations, biometric data and multi factor authentication	Methods : roles (like admin, user, guest) access control lists and policy based control
testing focus : In web testing you would check if the authentication mechanism correctly validates users and handles incorrect credentials appropriately	testing focus : Testing for Authorization involves verifying that users can only access resources and perform actions their permissions allow ensuring unauthorised access is denied

Common problems faced in web testing:

#### **1. Compatibility issues :**

Different browser or devices may render web applications inconsistently.

#### **2. Performance problems :**

Slow loading times or unresponsive elements under load can impact user experience.

#### **3. User interface bugs :**

Misaligned elements, incorrect colors, broken links can detract from usability.

#### **4. Data integrity :**

Ensuring data is accurately processed and stored, particularly during transaction.

#### **5. Security vulnerabilities :**

Issues like SQL injection, cross site scripting, and insecure direct object references.

#### **6. Session management Flaws :**

Issues related to session expiration , session fixation, or improper handling of tokens.

#### **7. Inadequate test coverage :**

Failing to test all functionalities can leave critical bugs undetected.

### **Q. 40 When to used Usability testing?**

**Answer :**

#### **1. During early development :**

##### **Purpose :**

To gather initial feedback on design concepts and navigation.

##### **When :**

In the early stage of development to identify potential usability issues before significant resources are invested.

## **2. Before major releases :**

### **Purpose :**

To ensure that the application meets user needs and expectations.

### **When :**

Prior to launch new version or major update, ensuring that changes do not negatively impact usability.

## **3. After significant design changes :**

### **Purpose :**

to validate The new design elements enhance user experience.

### **When :**

Following redesign or updates to user interfaces to assess their effectiveness.

## **4. When introducing new features :**

### **Purpose :**

To evaluate how well users can adapt to and utilize new functionalities

### **When :**

After implementing new features, ensuring they are intuitive and user friendly

## **5. In response to user feedback :**

### **Purpose :**

To address specific usability issues reported by users.

### **When :**

After receiving user feedback indicating difficulties or frustration with certain aspects of the application

## **6. For competitive analysis :**

### **Purpose :**

To understand how your application compares with competitors regarding usability.

**When :** when accessing user experience in relation to similar products in the market.

## **7. Product reviews :**

**Purpose :** To continuously improve the user experience.

**When:** Regularly throughout the product life cycle, ensuring that the application evolves to meet changing user needs.

## **Q. 41 what is the procedure for GUI testing?**

### **Answer :**

The procedure for GUI testing involves verifying that a GUI meets the expectations of users and stakeholders.

Here are some steps to consider :

**Develop test scenario and test cases:**

Create detailed scenarios and cases that user interactions with interface.

**Choose tools and techniques :**

Select appropriate tools and techniques that align with user interface testing requirements.

**Check the GUI elements :**

Check the appearance, layout, navigation, functionality, and performance of the GUI elements such as buttons, menus, forms, dialogs, icons and images

**Perform tests :**

Checking the page label, position and font

Testing the mandatory fields by clicking next while the form is blank

Checking the position and alignment of the text box.

Testing the error messages by entering both permitted and prohibited characters.

Testing pop ups and hyperlink

Verifying icon position

Checking the image quality

Checking button position and clarity

Some techniques for GUI testing include:

**Manual testing:**

The simplest way to perform GUI testing is by manually using the application

**Record and playback:**

A common technique in which a tester uses a specialized instrument to record a test session, which can then be replayed.

**Model based testing :**

A technique that involves creating a model, determining the information as input in the system, verifying the expected outputs and executing tests.

**Compatibility testing:**

A technique that checks if the application can meet the expectations of different OS browsers and devices.

**Q.42 what is the agile manifesto principles?**

**Answer :**

**1. Individuals and interactions over processes and tools :**

Suppose team find any issue in software then they search for other process and tool to resolve the issue.

But it is preferable to interact with client, manager, or team regarding issue and make sure that the issue gets resolved.

## **2. Working software over comprehensive documentation :**

Documentation is needed but working software is much needed.

Agile is not saying that documentation is not needed, but working software is much needed.

Ex. If you have 20 pages document. But you do not have a single prototype of the software.

In such a case the client will not be happy in the end, the client needs a document.

## **3. Customer collaboration over contract negotiation :**

Customer negotiation is important, as they make a budget of software.

But customer collaboration is more important than over contract negotiation.

Ex. If you stuck with the requirements or process, than do not go for contract which we have negotiated.

You need to interact with the customer, gather their requirements.

## **4. Responding to change over following a plan :**

In the waterfall model, everything is planned, I.e at what time, each phase will be completed.

Sometimes you will need to implement the new requirements in the middle of the software, so you need to be versatile to make changes in the software.

## **5. Customer satisfaction through early and continuous software delivery:**

Customers are happier when they received working software at regular intervals, rather than waiting extended period of time between releases.

## **6. Accomodate changing requirements throughout the development process :**

The ability to avoid delays when a requirement or feature request changes.

## **7. Frequent delivery of working software:**

scrum accomodates this principle since the team operates in software sprints or iterations that ensure regular delivery of working software.

## **8. Collaboration between the business stakeholders and developers throughout the project**

: Better decision are made when the business and technical team are aligned.

## **9. Support, trust, motive and the people involved :**

Motivated teams are more likely to deliver their best work than unhappy teams.

## **10. Enable face to face interactions :**

Communication is more successful when development teams are co-located.

## **11. Working software is the primary measure of progress :**

Delivering functional software to the customer is the ultimate factor that measures progress.

## **12. Agile process to support a consistent development pace :**

Teams established a repeatable and maintainable Speed at which they can deliver working software and sustain change.

**13. Attention to technical detail and design enhances agility :**

The right skills and good design ensure the team can maintain the pace, constantly improve the product and sustain change.

**14. Simplicity :**

Develop just enough to get the job done for right now

**15. Self organizing team encourage great architectures, requirements and design :**

Skilled and motivated team members who have decision making power, take ownership, communicate regularly with other team members and share ideas that deliver quality products.

**16. Regular reflection on how become to more effective :**

Self improvement, process improvement, advancing skills and techniques help team members work more efficiently.

**Q.43 Write a scenario of pen stand****Answer :**

verify that the pen stand is perfectly stand or not
verify that the pen stand is stand only on wall or not
verify that the pen stand is stand on every surface or not
verify that the capacity of pen stand
verify that the material used for pen stand
verify that the pen stand is broken or not
verify that the how many part in pen stand
verify that the pen stand is only pen or not
verify that the pen stand height as per specification or not
verify that the pen stand width as per specification or not
verify that the consistency of pen stand
verify that the pen stand is flexible or not
verif that the pen stand is reusable or not
verify that the pen stand have proper structure or not
verify that the pen stand usability in any weather or not
verify that the transportability of pan stand
verify that the stand have diffenrent compartment or not
verify that the pen stand contain other small thing or not

#### Q. 44 Write a scenario of pen.

**Answer :**

verify that pen have cap or not
verify that inside pen refill or not
verify that the refill is refillable or not
verify that the ink of pen which type
verify that the properly write by pen or not
verify that the pen is working only for paper or not
verify that the pen is working on every surface
verify that the ink of pen is simple ink or jelly ink
verify that the ink of pen is not jammed on any temperature
verify that the how many refill in pen
verify that the ink of pen after written it will be disappear or not
verify that the pen is waterproof or not
verify that the body of pen is thin, thick or medium
verify that the point of pen is thin or thick or medium
verify that the outer material of pen is good or not
verify that the pen is bendable or not
verify that the type of pen bollben. or gel pen
verify that the pen is properly hold or not
verify that the pen is writing easily or not
verify that the material of pen
verify that the pen is not making any kind of noise while writing
verify that the company name of pen properly displayed or not

verify that the company logo of pen properly displayed or not
verify that the line draw by pen is as per specification or not
verify that the ink of pen is waterproof or not
verify that the pen is able to wrie at hig speed
verify that the amout of text or drawing can be done wit the full refill of the pen
verify that the ink should not be get overflowed.
verify that the ink should not be make an impression on other side of the page
verify that the pen is writeable or not in rough surface
verify that the without refill the pen is working or not

#### **Q.45 Write a scenario of door.**

**Answer :**

verify that the door is properly open or not
verify that the door is properly close or not
verify there is lock or not lock in door
verify that the lock properly close or not
verify that the lock is properly open or not
verify that the design of door as per specification or not
verify that the height of door is as per specification or not
verify that the width of door is as per specification or not
verify that the material is used for door is as per specification or not
verify that the door have only one part or not
verify that the door have two parts or not
verify that the door is closed from inner side or not

verify that the door is closed from outer side or not
verify that the door have handle or not
verify that the door have locked from both side or not
verify that the lock open from both side or not
verify that the lock is inbuilt or not
verify that the type of the door like a single door or blindfolded door
check that the type of doors like sensor door, automatic door, glass door or manual door
verify that the brand name of dor proper visible or not
verify tha the color of the door
check the dimensions of the door i*w*h* of the door
chck the material of the door
verify that the lock is included or not
verify that the thickness of the door
verify that the door is waterproof or not
verify that the door quality is as per expected or not
verify that the stopper is available ble or not
verify that the size of the door is as per specification or not
verify that the dor is reusable or not
verify that the dor making any noise while open or close
verify that the door is damaged or not
verify that the dor is stretchable or not
verify that transportability of the door
verify that the automatic actions of door for close or open
verify that the usability of the at any surface



## Q. 47 Write a scenario of ATM

**Answer :**

ATM have proper insert slot or not as per specification
ATM is working with button or not ?
ATM is working with touch or not?
ATM is working with button and touch or not?
ATM asked or not for pin after entering pin number?
verify that the ATM display proper error or warning message for incorrect pin
verify that after 3 times incorrect pin attempt it allows or not more attempt
verify that how many times incorrect pin allowed
verify that the check balance button is working or not
verify that the ATM shows available balance or not
verify that the after balance check balance print generate or not
verify that the ATM all options shows properly or not
verify that withdrawal option is available or not
verify that the in withdrawal option shows saving account, business account
verify that the daily limit cash withdrawal or not
verify that the daily limit exceed it allows or not cash withdrawal
verify that the it shows proper warning message or not if daily limit exceed
verify that the ATM shows on display which type of notes in ATM
verify that the ATM asked or not for your previous transaction done
verify that the if ATM doesn't sufficient balance it shows proper message or not
verify that the withdrawal amount is successfully withdraw or not

verify that the after withdraw amount it shows available balance on screen or not
verify that the after withdraw amount it generate print of account balance information
verify that the after withdraw successfully it asks for do you want to next transaction this
verify that the after successfully withdraw it will asked for do you want to continue or exit
verify that after successfully withdraw the amount is deducted from total amount or not
verify that the atm have finger print functionality or not
verify that the atm is perate without power supply or not
verify that the expired atm is working or not
verify that the voice command functionality of atm.
verify that the unsuccessful withdrawal operation due to the amount is greater than daily limit.
verify that the unsuccessful withdrawal operation dued to lack of money in atm.

#### **Q.48 Write a scenario of microwave oven.**

**Answer :**

verify that the dimensions of the oven are as per the specification provided
verify that the oven heats the food at the desired temperature properly
verify that the oven heats the food at the desired temperature properly within a specified time duration
verify that the ovens functioning with the maximum attainable temperature
verify that the ovens functioning with the minimum attainable temperature
verify that the oven's plate rotation speed is optimal and not too high to spill the food kept over it
verify that the oven's door gets closed properly
verify that the oven's door opens smoothly
verify the battery requirements of the microwave oven and check that it function's smoothly at that power
verify that the text written over the oven's body is clearly readable

verify that the digital display is clearly visible and functions correctly
verify that the temperature regulator is smooth to operate
verify that the temperature regulator works correctly
check the maximum capacity of the oven and test it's functioning with that volume of food
check the oven's functionality with different kinds of food - solid and liquid
check the oven's functionality with different food at different temperatures
verify the oven's functionality with different kinds of container material
verify that the power cord of the oven is long enough
verify that the usage instruction or user manuals have clear instructions
verify that the oven's material is optimal for its use as an oven and as per the specification

#### **Q.49 Write a scenario of coffee vending machine.**

**Answer :**

verify that the size of coffee vending machine
verify that the capacity of machine
verify that the vending machine which type of power supply is required
verify that the coffee vending machine is fully touched visual operating system or not
verify that the coffee vending Machine is one touch to get coffee/milk/tea or not
verify that the brewing temperature change or not
verify that the half cup option is available or not
verify that the coffee vending machine work on electricity or solar power
verify that coffee volume adjustment is available or not
verify that tea volume adjustment is available or not
verify that disposable milk bags available or not

verify that auto cleaning program is available or not
verify that the flushing pump option is available or not
verify that the coffee decoction container capacity
verify that the machine cable length
verify that the which type menu selection
verify that the machine milk container or milk boiler inside the machine is available or not
verify that which type of metal used for design coffee vending machine
verify that the logo of company is proper display or not
verify that the name of company is proper display or not
verify that the design of vending machine is as per specifiaction or not
verify that the material of vending machine.
verify that the dimesion of vendig machine
verify that the color of vending machine
verify that tthe height of the vending machine
verify that size of the vending machine
verify that the lables are proper display on button or not
verif that the machine is working in any weather or not
verify that the multi user functionality
verify that the timer functionality is available or not
verify that the easily transportability of the machine
verify the power off button is working or not
verify that the power on button iis working or not
verify that the power on and power off the indicator lights is working or not
verify that the auto cleaner facility is working or not

verify that the water level indicator is working or not
---

verify that the safety lock system is available or not
--

## **Q. 50 Write a scenario of chair.**

**Answer :**

verify that the looking of chair is comfortable or not
--

verify that the material of chair is good or not
--

verify that the which type of chair (i.e, plastic, wood, steel, iron, sofa type chair)
--

verify that the size of chair (small, medium, normal)
---

verify that the weight capacity of chair
--

verify that the chair is bending or not
---

verify that the chair is folding or not
---

verify that the chair is comfortable for seating
--

verify that the chair is set on every surface
---

verify that the chair color is as per specification or not
--

verify that the arms of the chair is as per specification or not
--

verify that the seat is as per specification or not
---

verify that the logo is proper printed or not
---

verify that the length breadth and size of the chair is as per specification or not
---

verify that the material body of chair
--

verify that the material of chair is as per specification or not
--

verify that the material of chair should not be easily damaged,
---

verify that the chair is easily adjustable or not
---

verify that the chair has enough space to be seat
---

verify that the chair has back support
verify that the chair have proper structure
verify that the sustainability of the chair in any weather
verify the balance of the chair with one arm
verify the balance of chair with three legs
verify that the chair how work in different climate environment
verify chair have wheel or rolling functionality
verify that the chair have seat adjustment functionality is available or not
verify that the chair is operate by remote or not
verify that the it can be stand on any surface

## Q.51 Write a scenario of Gmail (Receiving mail)

**Answer :**

verify that the gmail is properly open or not
verify that the gmail without internet working or not
verify that the received mail or inbox portion properly displayed or not
verify that the count of received mail displayed or not
verify that the click on receiving mail or inbox is working or not
verify that the back button from inbox is working or not
verify that the spam mail do not received in inbox
verify that the spam mail count shows or not
verify that the spam mail open or not
verify that the count of spam mail is decrease when mail open
verify that the mail is properly shows content when I click on particular mail

verify that the sender details proper shows or not
verify that the sender time and date proper shows or not
verify that the spam content option is available or not for report not spam
verify that the spam mail we can reply or not
verify that the spam mail is marked as favourite or not by symbol *
verify that the spam mail delete one mail or not
verify that the spam mail all delete or not
verify that the selection option for deleting is working or not
verify that the selected mail is deleted or not
verify that the make as favourite by * symbol is working properly or not
verify that the spam mail contains image of other media open or not
verify that the more than 30 days mail automatically deleted or not
verify that the spam mail unread mail is highlighted or not
verify that the opened mail left from highlighted mail
verify click on inbox is working or not
verify that the count shows of unread mail proper shows or not
verify that the unread mail should be highlighted and bold
verify that the unread mail is clickable or not
verify that the click on particular mail is properly open or not
verify that the back button is properly working or not
verify that the after read mail count of inbox unread mail is decrease or not
verify that the mail must have sender information or not
verify that the mail have sender mail time and date shows or not
verify that the reply on particular mail or not

verify that the mail marked as a favourite by * or not
verify that the particular single mail delete or not
verify that the multiple mails delete or not
verify that the mail contains image or documents proper open or not
verify that the mail contains documents or image can download or not
verify that the already read mail should not be highlighted
verify that the email content is displayed proper or not
verify that the count of inbox mail is increase when new mail received
verify that the count is decreased when mail is marked as read
verify that the all name contain in cc and to section all should be displayed proper
verify that the mail homepage proper shows or not
verify that the mail list shows only and new mail together
verify that the scrolling functionality of mail is working or not
verify that the different categories of mail(social, spam, primary) should be shows properly or not
verify that the mail received without Internet or not
verify that the image or documents are open or not without internet
verify that the search option for inbox is working or not

## Q.52 Scenario of online shopping to by product (Flipkart)

**Answer :**

verify that the website is properly open or not
verify that the product is available or not
verify that the product can be searched or not
verify that the product can be categorized or not



verify that the product is storable or not
verify that the product image is clickable or not
verify that the product name is clickable or not
verify that the offer is available or not for particular product
verify that the product is delivered on particular pincode or not
verify that the offer can be applied by pincode
verify that it shows how many products are available?
verify that the product add to wish list is available or not
verify that the product should be added to cart or not
verify that the product can be ordered without signing or not
verify that the cash on delivery option is available or not
verify that the online payment is available or not
verify that the other online payment option is available or not
verify that it is asked for order confirmation by calling or not
verify that the option is available for adding quantity to product
verify that the cancel order option is available or not
verify that before product orders it is asked for signing or not
verify that the currency change option is available or not
verify that the product price changes according to currency or not
verify that the product price properly shows or not
verify that the product description properly shows or not
verify that the product image is clickable
verify that the product image can be zoomed in or not
verify that the product image can be zoomed out or not

verify that the product video is available or not
verify that the product video is play or not
verify that the product compare button is availabel or not
verify that the product can be added to compare to other products or not
verify that the it shows reviews or not
verify that the product have proper company name displayed
verify that the product have proper logo
verify that the product shows ratings or not
verify that the user can able to give rating to product
verify that the user can able to comment on product
verify that the user can able to see whole reviews or not
verify that the user can able to order product
verify that user can order able to multiple order
verify that th use can able to remove product from Cart
verify that the user can able to remove product from wish list
verify that the proper terms and conditions displayed for product
verify that the buy now option is working or not
verify that the user can search pincode for there delivery available or not
verify that the product page should display all the detail peper
verify that the availability of the product at desired location
verify that the product return functionality is working or not
verify that all offer can be apply on same time or not
verify that the delivery option is available for out of country or not
verify that the after product order user can able to see his/her order detail

verify that the user can able to track his/her order
--

### Q.53 Write a scenario of wrist watch

**Answer :**

verify that the wrist watch type , wheather it is analog, digital or smart wrist watch
verify thath the watch shows correct time or not
verify that the user is able tpo change or set the corect time or not
verify tha the user is able to change day or not if it available
verify that the all the part of the wrist watch proper fitted or not
verify that the time, date and day, other information in a wrist watch is properly visible or not
verify that the watch proper fit or not
verify that the design of the wrist watch as per requirement or not
verify that the watch is waterproof or not
verify that the color, length, amd width of the wrist watch as per specification or not
verify that the material used in wrist watch is as per requirement or not
verify that the material used for wrist watch is strap, plastic, leather etc...
verify that the weight of the wrist watch as per specification or not
verify the name of compay name and logo is properly shows or not
verify that the button function is properly working or not
verify that the watch shows proper time or not
verify that the itis wearable not wrist watch
verify that the working functionality iof watch in any weather
verify the transportability if the wrist watch
verify that the watch is waterproof or not

verify that the wrist watch is operate on cel or without cell
verify that it shows user temperature or not
verify that the wrist watch connect to other device or not
verify that the measure functionality like heartbeat, bp, distance etc..
verify that the wrist watch connected by bluetooth or not
verify that wrist watch can we enter sim or not
verify that the wrist watch we can use as like mobile or not
verify that the strength of the core material of the wrist watch

## Q.54 Write a scenario of lift/elevator

### Answer:

verify maximum passenger capacity of lift is as per specification or not
verify maximum weight capacity of lift is as per specification or not
verify height, width and length of lift as per specification or not
verify the type of material used in lift is as per specification or not
verify that door of lift is as per specification or not
verify that the button for lift open proper working or not
verify that the button for lift close proper working or not
verify in lift guide control by voice is available or not
verify that the emergency button is available or not
verify that the emergency button is proper working or not
verify that the fan is available in lift or not
verify that the fan is properly working or not
verify that the light is present in lift or not

verify that the light is properly working or not
verify that the all button proper working or not
verify that the lift move to particular floor when the floor button is pressed
verify at floor up/down button is available or not
verify that the up/ down button is working or not
verify when up/down button press the lift comes or not on particular floor
verify behaviour of lift in case of power failure it should not free fall and it should not be stop between floors
verify that the door of lift is properly open or not
verify that the door of lift is properly close or not
verify when the any object placed in between the door it should not close
verify that the backup mechanism is present in case of power loss
verify when multiple button is pressed the lift Stop on particular floor on not
verify that the in case of capacity limit reached users are promoted with warning alert or not
verify maximum weight capacity reached it prompt warning alert or not
verify behaviour of lift when capacity of limit exceed
verify smoke or fire inside lift detected or not
verify in lift alarm system working or not
verify when fire or smoke detected in lift it alarming or not
verify behaviour of button pressing when lift is moving it will stop or not

## Q.55 Write a scenario of whatsapp group (group generate)

### Answer:

check that user can able to create a group or not?
check you able to create a group without any member or not
check user can able to delete group or not?
check that user is able to add members or not?
check user is able to remove members from group or not?
check user is able to create group name or not?
check user Is able to change group name or not?
check user can add and save group description or not?
user change group description or not?
verify that the user can make multiple people as group admin or not?
verify that is there any option to mute notifications for some time
check is there any option to add people to the group by sharing link
the admin can delete user from group or not
check only admin can share information in this group
check everyone can share information in this group
check if remove any member from group, he/she will be not able to see any updates
check user can exit from the group by clicking on exit button or not?
verify that the user can add multiple contact from list
verify that user can able to insert group name or image for dp
verify that the whatsapp setting and generated a new group
verify that the it shows new group option or not
verify that disappearing message functionality work or not

verify that the maximum member add limit in new group
verify that the unsaved number add or not in group

## **Q.56 Write a scenario of whatsapp payment**

**Answer :**

verify that te user is able to scan code screen on mobile phone or not
verify that the QR code is scan from whatsapp pay or not
verify that the user can get message for payment or not
verify that it shows ,paymet option or not
verify that the it shows add bank account functionality or not
verify that the availability of the bank list
verify that the search functionality in payment option
Open the chat with the person you want to pay
verify that the we can send money to valid upi id or not
verify that the payment is securely done through by upi pin
check payment funcnality without internet is working or not
verify that the maximum transferrable limit of payment
verify that the multiple payment funcnality at the same time working or not
verify that the availabilit of the payment option in diferent currency is available or not

### Q.57 To create HLR and test case web based(Whatsapp, instagram)

**Answer:**

#### Whatsapp Web HLR

Functionality Id	Functionality name	Description
1	check website link	website should be open proper
2	check website security	website should be secure with https
3	check website logo	it shows proper logo
4	check click on logo	it must be clickable and redirect or refresh itself page
5	check guide option	it shows proper guidance option for how to use whatsapp on comuter
6	check QR code	it shows proper and clear barcode
7	check scan QR code in mobile	it must be scan in whatsapp
8	check click on QR code	it should be shows QR code in full scree size
9	check link with phone number click	it should be clickable and redirect other page there should be display link wahtsapp with monile number
10	check click on need help to get started	it is clickable and redirect to that page where all guidanceance availab le for how to link mobile device with dekstop this information is open in another new tab
11	check video	video is clickable and it shows proper
12	check click on video	video must be play with dh vision

#### Whatsapp web test case:

testcase_id	functionality_id	testcase_name	test_description	pre condition	steps	test_data	expected result	actual result	status
-------------	------------------	---------------	------------------	---------------	-------	-----------	-----------------	---------------	--------



101	1	check website link	check website is proper open or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	<a href="https://web.whatsapp.com/">https://web.whatsapp.com/</a>	website should be open proper	as per expcted result	pass
102	2	check website security	check wesite is secure with https or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	<a href="https://web.whatsapp.com/">https://web.whatsapp.com/</a>	website should be secure with https	as per expcted result	pass
103	3	check website logo	check website logo proper shows or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	-	website logo should be shows proper	as per expcted result	pass
104	4	check click on websie logo	check website logo is clickable or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3.click on website logo	-	it shoud refresh itself page	logo is ddes not clickabl e	fail
105	5	check guidance option	guidance optin proper shows or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	-	all guidance option should shows proper	as per expcted result	pass
106	5	check click on guidace option	check guidance option is clickable or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	-	this option guide to user how to link mobile whatsapp with device	as per expcted result	pass
107	6	check QR code	check QR code is porp	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	-	QR code should be shows proper	as per expcted result	pass
108	8	click on QR code - mobile	Check click on QR code	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter	-	QR code should be clickable and shows in whole screen	it does not clickabl e	fail

109	7	scan QR code-mobile	check scan QR code or not	internet,brow ser must be in working condition	1. open mobile whatsapp 2.click on setting 3.click on QR code in the right side of name 4. clcik on scan code	-	QR code must be scanable	as per expcted result	pass
110	7	scan QR code-mobile	check scan QR code or not	internet,brow ser must be in working condition	1. open mobile whatsapp 2.click on setting 3.click on QR code in the right side of name 4. clcik on scan code 5.click on continue option	-	it should be ask for device login code detected	as per expcted result	pass
111	7	scan QR code-mobile	check link device button	internet,brow ser must be in working condition	1. open mobile whatsapp 2.click on setting 3.click on QR code in the right side of name 4. clcik on scan code 5.click on link device button	-	whatsapp should be connect with other device	as per expcted result	pass
112	9	link with phone number	it shows proper link option	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. move cursor on link with phone number	-	it shows proper and shows proepr hand key	as per expcted result	pass
113	9	click on link with number	check link with number is clickable or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on link with phone number	-	it should be redirect to enter whatsapp number with link to other device page	as per expcted result	pass
114	10	click on need help to get	check click on need help to get	internet,brow ser must be in working	1. open browser 2. enter link and press enter	-	it shows proper link and proper	as per expcted	pass

		started	started	condition	3. move cursor on check click on need help to get started		hand key	result	
115	10	click on need help to get started	check click on need help to get started is working or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on check click on need help to get started	-	it is clickable and redirect to that page where all guidance availab le for how to link mobile device with dektop this information is open in another new tab	as per expcted result	pass
116	10	click on need help to get started	check click on need help to get started is working or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on check click on need help to get started	-	all he detail should be display proper	as per expcted result	pass
117	11	check video	check video proper shows or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. move cursor on video	-	it shows proper and shows proper hand key	as per expcted result	pass
118	12	check click on video	check click on video is working or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video	-	video should be play	as per expcted result	pass
119	12	check video	check video stop or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video 4.click on pause video	-	video must be stop when i click on pause buton	as per expcted result	pass
120	12	check video	check video mute or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video 4.click on mute	-	voice must be mute when click on mute voice	as per expcted result	pass

					voice				
121	12	check video	check video voice increase or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video 4.click on voice increase	-	voice on video must be increase	as per expcted result	pass
122	12	check video	check video voice decrease or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video 4.click on voice decrease	-	voice on video must be decrease	as per expcted result	pass
123	12	check video	check video timer duration shows or not	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video	-	time duration video must be shows	as per expcted result	pass
124	12	check video	check click on fuil screen option	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video 4. click o full screen option	-	video should be play in full screen	as per expcted result	pass
125	12	check video	check click on again minimize video	internet,brow ser must be in working condition	1. open browser 2. enter link and press enter 3. click on video 4. click on minimize video screen option	-	video should be play in small screen	as per expcted result	pass

#### Instagram web HLR :

functionality id	functionality name	description
101	check website URL	website should be open proper
102	check website security	website must be secure with https
103	check website logo	logo should be shows proper and shows proper handkey and it is clickable

104	check contact us title	contact us title must be shows proper
105	check contact us page	contact us page should be open proper
106	check contact us page detail	all details must be shows proper and font size and color as per specification
107	check contact us form	contact us form should be shows proper
108	check submit button	button should be shows proper and it shows proper hand key
109	check click on submit button	submit button should be clickable
110	check all required field have * sign	all required or mandatory field have * sign
111	form submit with valid credential	form should be submitted successfully with valid credential and show successfull message
112	form submit with empty data field	it should be shows proper error message
113	form submit with invalid credential	form should not be submitted and shows proper error message

#### Instagram web testcase:

testcase id	functionality id	testcase name	test description	precondition	steps	test data	expected result	actual result	status
1	101	check website link	website is proper open or not	internet ,browser must be in working condition	1. open browser 2.enter link and press enter	<a href="https://artoftesting.com/">https://artoftesting.com/</a>	website should be open proper	as per expected result	pass
2	102	check website security	check website is secure with https or not	internet ,browser must be in working condition	1. open browser 2.enter link and press enter	<a href="https://artoftesting.com/">https://artoftesting.com/</a>	website must be secure with https	as per expected result	pass
3	103	website logo	check website logo proper show	internet ,browser must be in working	1. open browser 2.enter link and press enter	<a href="https://artoftesting.com/contact-us">https://artoftesting.com/contact-us</a>	website logo must be shows proper and it	as per expected result	pass

			or not	g conditi on			shows properly hand key		
4	103	check click on website logo	check website logo is workin g or not	internet ,browse r must be in workin g conditi on	1. open browser 2.enter link and press enter	-	it should be redirects to home page or refresh itself page	as per expecte d result	pass
5	104	check contact us option	check contact us option proper shows or not	internet ,browse r must be in workin g conditi on	1. open browser 2.enter link and press enter 3. move cursor on contact us	-	it shows proper option and it is shows proper hand key	as per expecte d result	pass
6	104	check click on contact us option click	check click on contact us page click is workin g or not	internet ,browse r must be in workin g conditi on	1. open browser 2.enter link and press enter 3.click on contact us	-	it should be redirects to contact us page	as per expecte d result	pass
7	105	check contact us page title	check contact us page title proper shows or not	internet ,browse r must be in workin g conditi on	1. open browser 2.enter link and press enter 3.click on contact us	-	contact us page title should pe shows proper	as per expecte d result	pass
8	106	check contact us page	check contact us page open proper or not	internet ,browse r must be in workin g conditi	1. open browser 2.enter link and press enter 3.click on contact us	-	contact us page should be open proper	as per expecte d result	pass

				on					
9	107	check contact us page form	check contact us page form proper shows or not	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us	-	contact us page should be shows proper	as per expected result	pass
10	108	check submit button	check submit button proper shows or not	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.move cursor on submit button	-	submit button must shows proper and shows proper hand key	as per expected result	pass
11	109	check click on submit button	check click on submit button is working or not	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	-	submit button must be clickable	as per expected result	pass
12	110	check all mandatory field have* sign	check all mandatory field have* sign shows or not	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	-	all mandatory field must have * sign	as per expected result	pass
13	111	submit form with valid credential	form should be submitted with valid credential or	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 lastname:a2 email:a@mail.com subject: i want information abouttesting course message:i want information	form should be submitted successfully and shows successfu	as per expected result	pass

			not	on		abouttesting course	l message		
14	112	form submit with empty field	check form submit with empty data field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	-	it shows proper error message for all field	as per expected result	pass
15	113	form submit with only first name	check form submitted or not with only first name	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1	form should not be submitted and shows proper error message	as per expected result	pass
16	113	form submit with only last name	check form submitted or not with only last name	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	lastname:a2	form should not be submitted and shows proper error message	as per expected result	pass
17	113	form submitted with only e-mail id	check form submitted or not with only e-mail	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	email:a@mail.com	form should not be submitted and shows proper error message	as per expected result	pass
18	113	check form submit with only subject	check form submitted or not with only	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	subject: i want information abouttesting course	form should not be submitted and shows proper	as per expected result	pass



			subject field	on			error message		
19	113	form submit with only message field	form submitted or not with only message field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	message:i want information abouttesting course"	form should not be submitted and shows proper error message	as per expected result	pass
20	113	form submit with first and Last name	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 lastname:a2	form should not be submitted and shows proper error message	as per expected result	pass
22	113	form submit with first name and email	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 email:a@mail.com	form should not be submitted and shows proper error message	as per expected result	pass
23	113	form submit with first name and subject	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 subject: i want information abouttesting course		as per expected result	pass
24	113	form submit with first name and	form submit or not with only 2	internet ,browser must be in working	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit	firstname:a1 message:i want information abouttesting course		as per expected result	pass



		message	fields	condition	button				
25	113	form submit with last name and email	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	lastname:a2 email:a@mail.com		as per expected result	pass
26	113	form submit with last and subject	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	lastname:a2 subject: i want information abouttesting course		as per expected result	pass
27	113	form submit with last name and message	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	lastname:a2 message:i want information abouttesting course		as per expected result	pass
28	113	form submit with email and subject	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	email:a@mail.com subject: i want information abouttesting course		as per expected result	pass
29	113	form submit with email and message	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	email:a@mail.com message:i want information abouttesting course		as per expected result	pass

30	113	form submit with subject and message	form submit or not with only 2 fields	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	subject: i want information abouttesting course message:i want information abouttesting course		as per expected result	pass
31	113	form submit with first name, last name and e-mail	form submit or not with only 3 field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 lastname:a2 email:a@mail.com		as per expected result	pass
32	113	form submit with first name , last name and subject s	form submit or not with only 3 field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 lastname:a2  subject: i want information abouttesting course		as per expected result	pass
33	113	form submit with first name, last name and message	form submit or not with only 3 field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1 lastname:a2  message:i want information abouttesting course		as per expected result	pass
34	113	form submit with first name, email and	form submit or not with only 3 field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	firstname:a1  email:a@mail.com subject: i want information abouttesting course		as per expected result	pass

		subject		on					
35	113	form submit with email, Last name and subject	form submit or not with only 3 field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	lastname:a2 email:a@mail.com subject: i want information abouttesting course		as per expected result	pass
36	113	form submit with email, last name and message	form submit or not with only 3 field	internet ,browser must be in working condition	1. open browser 2.enter link and press enter 3.click on contact us 4.click on submit button	lastname:a2 email:a@mail.com message:i want information abouttesting course		as per expected result	pass

## Q 58. Write a scenario whatsapp chat message

**Answer :**

verify that the chat windows properly open or not
verify that the in chat windows shows entire chat list or not
verify that the unsaved on mobile that chat windows shows or not
check search  shows all contact or not
check search  shows saved contact with dp or without dp
verify that the chat window display group chat list
verify that the chat window shows last chatted time updated or not
verify that the chat window display all contact on the chat window
check click on one contact that should be open with history in new window or not

verify that the user can see all delivered and receive message or not
verify that the user can see send and read time of message
check that user can send and receive text messages in the individual chatbox or not
check that the user can send individual documents send for individual chatbox or not
verify that the user can send and receive photo for individual chatbox or not
verify that the user can send and receive video for individual chatbox or not
verify that the user can send and receive audio file to individual chat or not
verify that the user can send emotional emoji for individual chat box or not
verify that the user can send and receive contact individual or not
verify that the user can send and receive location individual chat box or not
verify that the user can send gifs for individual chat box or not
verify that the user can delete photo, video, audio, location, documents, text can delete for individual chat box or not
verify user can send recorded voice mail individual chatbox or not
verify that the user can share image, links and documents from social to individual chatbox or not
verify that the user can search individual chat
verify that the user can able to individual video call or not
verify that the user can able to individual audio call or not
verify that the user can mute the individual chat in chat box
verify that the user can change profile picture or not
verify that the user have option for individual chat report, block, clear chat, export chat and add shortcut