

Module–2 (Manual Testing)

Que. 1.) What is Exploratory Testing?

Ans. : Exploratory testing is a subset of experience testing, where testers explore an app or website without predefined scripts. It does not require in-depth knowledge of the application, nor is it necessary for all the application's requirements to be fully implemented.

This type of testing does not follow a fixed structure or design format; instead, testers are encouraged to freely explore the application and identify potential bugs.

Que 2.) What is traceability matrix?

Ans. : In simple terms, a Traceability Matrix is a document that demonstrates the relationship between the requirements provided by the company and the corresponding test cases.

It ensures that all requirements are covered by test cases. In a test scenario, we need to address all the requirements, and then create test cases to verify them. The Traceability Matrix helps track this connection, ensuring that all customer requirements are fulfilled.

Que 3.) What is Boundary value testing?

Ans. : Boundary value testing is like equivalence testing, we check only boundary values, not internal structure.

In equivalence testing, there is partitioning but here there is no equally partitioning, we assume the higher range of value, while in equivalence we have min and max values.

Boundary value testing used for find the defect or errors while testing in higher range.

Que 4.) What is Equivalence partitioning testing?

Ans. : In Equivalence partitioning testing, we test only min and max values. If those values are valid, then all the other values between min value and max value are also considered as valid.

In this testing, we do not check any internal structure, but we only check values given by the customer or company.

For example, we check the age limit in a system where the minimum age is 18 and the maximum age is 60, then we only check values 18 and 60 or (18+1) and (60-1). Not all the numbers.

If these values are working, then other numbers between 18 and 60 are also working. This testing is done to set min and max value range are valid or not.

Que 5.) What is Integration testing?

Ans. : Integration system testing is combining all unit component parts that we tested before this. Integration testing occurs after unit testing and before system testing. There are two techniques for integration testing, which are

- i) Incremental Integration testing
- ii.) Bing Bang testing.

In Incremental Integration, there are two approaches –

- a.) Top to bottom
- b.) Bottom to up,

where, from top to bottom, we test functionality higher to lower side and from bottom to up, we test lower functionality or features to higher. In Bing Bang testing, we tested all system modules at one time. It's good for small systems, but there is a risk of defects missing because we test all modules at a time.

Que 6.) What determines the level of risk?

Ans. : There are two types of risk.

1.) Project Risk

2.) Product Risk

A factor that could result in future negative consequences; usually expressed as impact and likelihood.

Que 7.) What is Alpha testing?

Ans. : Alpha testing is done by independent teams or developers. The software is not available in public or market. It is done in virtual environment. It is performed within the organization. And it is the form of acceptance testing.

Que 8.) What is beta testing?

Ans. : Beta Testing is done by customer side. It is available in public and market. It is tested in real time environment. It is performed outside of the organization. It is like pre release apps, beta version or etc.

If user accept the functionality, then team can forward to go in next step. It is also considered as the User Acceptance Testing (UAT) which is done at customers or user's area.

Que 9.) What is component testing

Ans. : Component testing is also known as Unit testing. In this testing, testers are testing small component or module of system. That's called small parts or units of the system. In the initial state of testing, Component testing is first step of testing cycle.

Unit testing is very important because if we tested all small parts perfectly then we can find defects in initial state, so its reduce the time and cost both for testing.

Que 10.) What is functional system testing?

Ans. : A requirement that specifies a function that a system or system component must perform. There are two types of Test Approach

i.) Requirement Based Functional Testing

ii.) Process Based Testing

In Requirement Based Functional Testing, testing is done by view the requirements are match with test case, high level documents, or test designs or not.

In Process Based Testing, testers show business scenario, user profiles and use cases, there is not requirement to check customers or product requirements.

Que 11.) What is Non-Functional Testing?

Ans. : Testing the attributes of a component or system that do not relate to functionality, e.g. reliability, efficiency, usability, interoperability, maintainability and portability.

It is the testing of “how” the system works. Non-functional testing may be performed at all test levels.

Que 12.) What is GUI Testing?

Ans. : Graphical User Interface (GUI) testing is the process of testing the system's GUI of the System under Test.

GUI testing involves checking the screens with the controls like menus, buttons, icons, and all types of bars – tool bar, menu bar, dialog boxes and windows etc. So basically, we test the interface of application.

There are three Approach of GUI Testing :

1.) MANUAL BASED TESTING

2.) RECORD AND PLAY

3.) MODEL BASED TESTING

Que 13.) What is Adhoc testing?

Ans. : Adhoc testing is an informal testing type with an aim to break the system. This testing is primarily performed if the knowledge of testers in the system under test is very high.

Main aim of this testing is to find defects by random checking. Adhoc testing can be achieved with the testing technique called Error Guessing.

There are three Types of Adhoc Testing :

i.) Buddy testing

ii.) Pair testing

iii.) Monkey testing

In buddy testing, there are two people who test the same module and they are from the organization or team.

In Pair testing, there are two people from two different team, where one is testing the module and another one is take the notes of testing functionalities.

In Monkey testing, aim is breaking the system or crash the system by randomly or guessing the errors.

Que 14.) What is load testing?

Ans. : Load testing is performed to check the system loader, if anyhow the number of users is increase then system can take load or not, it is capable to take load of out the range of their system user's number. In this testing, Tester Increase the user range in slowly, not direct increase 500 or 1000 users, its first check system can handle more 50 or 100 users, it's not directly go in high range.

Que 15.) What is stress Testing?

Ans. : In stress testing, tester is directly increasing the user's number is high range. That's why it is called stress testing, its not like load testing.

Que 16.) What is white box testing and list the types of white box testing?

Ans. : Testing based on an analysis of the internal structure of the component or system. Structure-based testing technique is also known as 'white-box' or 'glass-box' testing technique because here the testers require knowledge of how the software is implemented, how it works.

There are 3 types of white box testing.

- 1.) Statement coverage
- 2.) Decision coverage
- 3.) Condition coverage

Que 17.) What is black box testing? What are the different black box testing techniques?

Ans. : Testing, either functional or non-functional, without reference to the internal structure of the component or system. Specification-based testing technique is also known as 'black-box' or input/output driven testing techniques because they view the software as a black-box with inputs and outputs.

The testers have no knowledge of how the system or component is structured inside the box.

Techniques of Black Box Testing :

- i.) Equivalence partitioning
- ii.) Boundary value analysis
- iii.) Decision tables
- iv.) State transition testing

- v.) Use-case Testing
- vi.) Other Black Box Testing

Que 18.) Mention what are the categories of defects?

Ans. : There are 5 types of defects. Which are given below.

- i.) Data Quality/Database Defects
- ii.) Critical Functionality Defects
- iii.) Functionality Defects
- iv.) Security Defects
- v.) User Interface Defects

Que 19.) Mention what Bing bang testing is?

Ans . : In Bing bang testing, tester test whole module at a time. Bing bang testing is perfect for small model or projects because Bing bang test whole website or application at a time then it has high risk of critical modules are not isolated.

And also, it is possible to we can not find defects properly due to we test all module at same time.

Que 20.) What is the purpose of exit criteria?

Ans. : End of all testing – i.e. product Go Live End of phase of testing (e.g. hand over from System Test to UAT).

Que 21.) When should "Regression Testing" be performed?

Ans. : Regression Testing performed when we add new features in our website or application then it compulsory to check our old features are working same as

before or not and check that after add new features our old feature functionalities are working same and it is not affect by new features.

Que 22.) What is 7 key principles? Explain in detail?

Ans. : 7 Key principles are given below :

1.) Testing shows presence of Defects :

If we do test, then we can find defects. Testing reduces the probability of undiscovered defects remaining in the software but, even if no defects are found, it is not a proof of correctness.

2.) Exhaustive Testing is Impossible :

Exhaustive testing is impossible because it takes too much time. Ex. If any form has too many fields, then it is impossible to test all functionality and validations. And also, it takes too much time.

3.) Early Testing :

It is not necessary to test the website after it is developed fully. We can start testing in early stage. We can test documents, designs and structure.

4.) Defect Clustering :

A small number of modules contain most of the defects discovered during pre-release testing, or are responsible for the most operational failures. Defects are not evenly spread in a system They are 'clustered.'

5.) Pesticide Paradox :

If the same tests are repeated over and over again, eventually the same set of test cases will no longer find any new defects.

To overcome this "pesticide paradox", the test cases need to be regularly reviewed and revised, and new and different tests need to be written to exercise different parts of the software or system to potentially find more defects.

6.) Testing is Context Dependent :

Different kinds of sites are tested differently. Ex. E-commerce website has different features to check cart, login , products functionalities, while gaming application have to check graphics, performance and etc.

So, different types of websites have to check in different scenario.

7.) Absence of Errors Fallacy :

If the system built is unusable and does not fulfil the user's needs and expectations then finding and fixing defects does not help.

If we build a system and, in doing so, find and fix defects. It doesn't make it a good system Even after defects have been resolved it may still be unusable and/or does not fulfil the users' needs and expectations.

Que 23.) Difference between QA v/s QC v/s Tester.

Ans. :

No.	Quality Assurance	Quality Control	Testing
1	Activities which ensure the implementation of 1 2 3 4 5 processes, procedures and standards in context to verification of developed software and intended requirements	Activities which ensure the verification of developed software with respect to documented (or not in some cases) requirements.	Activities which ensure the identification of bugs/error/defects in the Software
2	Focuses on processes and procedures rather than conducting actual testing on the system.	Focuses on actual testing by executing Software with intent to identify bug/defect through implementation of procedures and process	Focuses on actual testing.
3	Process oriented activities.	Product oriented activities	Product oriented activities

4	Preventive activities	It is a corrective process	It is a preventive process
5	It is a subset of Software Test Life Cycle (STLC).	QC can be considered as the subset of Quality Assurance.	Testing is the subset of Quality Control

Que 24.) Difference between Smoke and Sanity?

Ans. : Smoke testing is done in initial stage; it is test in early or starting of the testing. When we developed our application then it is first thing to test our application is called smoke testing, and sanity testing is done when we add new features in our application , it is checking our new features are working properly or not.

Que 25.) Difference between verification and Validation

Ans. : Verification is done in developer side while validation is in testing side. In verification side, there are 4 level of verification, which are : Program specification, Technical specification, System Requirements and User Requirements. While in Validation side there are also 4 levels, which are unit testing, integration testing, system testing and user acceptance testing.

Que 26.) Explain types of Performance testing.

Ans. : There are many types of performance testing which are given below :

1.) Load testing :

It's a performance testing to check system behaviour under load. Testing an application under heavy loads, such as testing of a web site under a range of loads to determine at what point the system's response time degrades or fails.

2.) Stress testing :

System is stressed beyond its specifications to check how and when it fails. Performed under heavy load like putting large number beyond storage capacity, complex database queries, continuous input to system or database load.

3.) Endurance testing :

It's endurance the application by testing.

4.) Spike testing

5.) Volume testing

6.) Scalability testing

Que 27.) What is Error, Defect, Bug and failure?

Ans. :

Error : Error is which some mistake in code (source code).

Defect : Defect are which found by tester.

Bug : Bug is which developer accept the defect which is found by tester.

Failure : Failure is which occurs because of fail of meet the requirements of software.

Que 28.) Difference between Priority and Severity.

Ans. : Priority is which our work is important to do while severity means risk, if we don't do that task then it might cause risk and it will go to failure.

Que 29.) What is Bug Life Cycle?

Ans. : "A computer bug is an error, flaw, mistake, failure, or fault in a computer program that prevents it from working correctly or produces an incorrect result. Bugs arise from mistakes and errors, made by people, in either a program's source code or its design."

The duration or time span between the first time defects is found and the time that it is closed successfully, rejected, postponed or deferred is called as 'Defect Life Cycle'.

Que 30.) Explain the difference between Functional testing and Non-Functional testing.

Ans. : Functional testing are which contains technical parts of application like coding, functionality, requirements etc, while non-functional testing is test performance, scalability, quality, stability or etc.

Que 31.) To create HLR & Test Case of 1)(Instagram , Facebook) only first page

Ans. :

Instagram HLR :

Instagram Login page			
	A	B	C
1	Functionality ID	Functionality Name	Functionality Description
2		Login Page	
3	1	Check logo	Logo is shows perfectly
4	2	Check banner	Banner images are showing perfectly
5	3	Check first textfield hover effect	When i move my cursor on first textbox, its highlighted that textbox perfectly
6	4	Check password textfield hover effect	When i move my cursor on password textbox, its highlighted that textbox perfectly
7	5	Check first textfield validations	Username validations are working properly
8	6	Check password hide feature	We can hide and unhide the password by clicking on eye button
9	7	Check password validations	Password validations are working properly
10	8	Check login button with incorrect values	Login button is disable until the user can't match uname and password pattern validations, and its working properly
11	9	Check login button with empty fields	Empty validations are working properly
12	10	Check login button with incorrect uname/email/no. and correct password	Its shows error perfectly that ,that username is not exist
13	11	Check login button with correct uname/email/no. and incorrect password	Its shows error perfectly that ,password is incorrect
14	12	Check login button with both correct values	Its login to the account sucessfully
15	13	Check OR option	We can see "OR" option word is visible properly
16	14	Check "login with facebook" option	If i choose this option, then it redirect me to facebook login page
17	15	Check Forget Password option	When i click on forgot password link, its redirect me to reset password page

D12	A	B	C
10	8	Check login button with incorrect values	Login button is disable until the user can't match uname and password pattern validations, and its working properly
11	9	Check login button with empty fields	Empty validations are working properly
12	10	Check login button with incorrect uname/email/no. and correct password	Its shows error perfectly that ,that username is not exist
13	11	Check login button with correct uname/email/no. and incorrect password	Its shows error perfectly that ,password is incorrect
14	12	Check login button with both correct values	Its login to the account sucessfully
15	13	Check OR option	We can see "OR" option word is visible properly
16	14	Check "login with facebook" option	If i choose this option, then it redirect me to facebook login page
17	15	Check Forgot Password option	When i click on forgot password link, its redirect me to reset password page
18	16	Check sign up option	When i click on sign up button, its redirect me on sign up page
19	17	Check get app option - Google play	When i click on get it on - Google play, its redirect me on google play store
20	18	Check get app option - Microsoft	When i click on get it on - Microsoft, its redirect me on Microsoft store
21		Footer	
22	19	Check langauge option	We can select any language by clicking on specific langauge and its working properly
23	20	Check copyright details	Details are showing perfectly
24			
25			
26			
27			

Instagram Test Case :

G7	A	B	C	D	E	F	G	H	I	J
1	Test Case ID	Functionalit y ID	Test Case Name	Test Summary	Pre - Condition	Test Steps	Test Data	Expected Result	Actual Result	Status
Login Page										
3	1	1	Check logo	Check logo is show properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link https://www.instagram.com/accounts/login/		Logo should be show perfectly	As per Expected Result	Pass
4	2	2	Check banner	Check banner is showing perfectly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check banner	-	Banner should be working properly	As per Expected Result	Pass
5	3	3	Check first textfield hover effect	Check hover effect in textfield are working properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check 1st textfield hover effect	-	Hover effect should be working properly	As per Expected Result	Pass
6	4	4	Check password textfield hover effect	Check password field hover effect is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check password hover effect	-	Hover effect should be working properly	As per Expected Result	Pass
7	5	5	Check first textfield validations	Check 1st field validation are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check 1st textfield validations	username : ghhhhhhhhh	First textfield validations should be working properly	As per Expected Result	Pass

	A	B	C	D	E	F	G	H	I	J
8	6	6	Check password hide feature	Check password hide feature is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check password hide feature	-	Hide feature should be hide password perfectly	As per Expected Result	Pass
9	7	7	Check password validations	Check password validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check password validations	password : kkkkkkk	Password validations should be working properly	As per Expected Result	Pass
10	8	8	Check login button with incorrect values	Check user can login with incorrect values or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with incorrect values	username : ghbbbbbbbb password : kkkkkkk	If both values are incorrect, user should be shown an error	As per Expected Result	Pass
11	9	9	Check login button with empty fields	Check empty validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with empty values	username : null password : null	Empty validations should be working properly	As per Expected Result	Pass
12	10	10	Check login button with incorrect uname/email/no. and correct password	Check validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with incorrect values	username : 1111111111 password : dhara123	If first field data is wrong then only show that field error	It shows username and password wrong	Fail
			Check login button			1. Open Browser [Google Chrome]				

	A	B	C	D	E	F	G	H	I	J
13	11	11	Check login button with correct uname/email/no. and incorrect password	Check validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with incorrect values	username : dharapandya password : 1234566	Login validations should be working properly	It shows username and password wrong	Fail
14	12	12	Check login button with both correct values	Check with correct values, user can login or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with correct values	username : dharapandya password : dhara123	If both values are true, then user should be login to website	As per Expected Result	Pass
15	13	13	Check OR option	Check OR option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check OR option	-	OR option should be working properly	As per Expected Result	Pass
16	14	14	Check "login with facebook" option	Check login with facebook option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with facebook option	-	Login with facebook option should be working properly	As per Expected Result	Pass
17	15	15	Check Forgot Password option	Check forgot password is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check forgot password option	-	Forgot password option should be working properly	As per Expected Result	Pass
			1. Open Browser [Google							

	A	B	C	D	E	F	G	H	I	J
18	16	16	Check sign up option	Check sign up option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check sign up option	-	Sign up option should be working properly	As per Expected Result	Pass
19	17	17	Check get app option - Google play	Check google play option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check google play option	-	Google play option should be working properly	As per Expected Result	Pass
20	18	18	Check get app option - Microsoft	Check get app with microsoft option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check get app microsoft option	-	Get app microsoft option should be working properly	As per Expected Result	Pass
21						Footer				
22	19	19	Check language option	Check language option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check language option	-	Language option should be working properly	As per Expected Result	Pass
23	20	20	Check copyright details	Check copyright details are show perfectly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check copyright details	-	Copyright details should be show properly	As per Expected Result	Pass
24										
25										

Facebook HLR :

Facebook login page

E10	A	B	C
1	Functionality ID	Functionality Name	Functionality Description
Login Page			
3	1	Check logo	Logo is visible properly
4	2	Check logo quote	Quote is showing perfectly
5	3	Check email/phone no. field hover effect	When i put my cursor on this field, its highlighted textbox perfectly
6	4	Check password textfield hover effect	When i put my cursor on password field, its highlighted textbox perfectly
7	5	Check login button hover effect	When i move my cursor on login button, its shows hover effect perfectly
8	6	Check email/phone no. field validations	Email/phone no. have proper validations and patterns, which are working correctly
9	7	Check password valudations	Password validations and pattern is working perfectly
10	8	Check password hide/unhide feature	We can hide and unhide the password by clicking on eye button
11	9	Check login button with empty fields	Empty validations are working properly
12	10	Check login button with incorrect email/phone no. and correct password	Its shows the error perfectly
13	11	Check login button with correct email/phone no. and incorrect password	Its shows the error perfectly
14	12	Check login button with correct email/phone no. and correct password	When i put both values correct, then its login to my account sucessully

11	9	Check login button with empty fields	Empty validations are working properly
12	10	Check login button with incorrect email/phone no. and correct password	Its shows the error perfectly
13	11	Check login button with correct email/phone no. and incorrect password	Its shows the error perfectly
14	12	Check login button with correct email/phone no. and correct password	When i put both values correct, then its login to my account sucessully
15	13	Check Forgot password link	When i click on password link ,its redirect into reset password page
16	14	Check create new account button	When i click on "create new account" button, its redirect into sign up page correctly
17	15	Check create page link	When i click on create page, its redirect me into create form page

Facebook Test Case :

1	Test Case ID	Functionality ID	Test Case Name	Test Summary	Pre - Condition	Test Steps	Test Data	Expected Result	Actual Result	Status
2	Login Page									
3	1	1	Check logo	Check logo is show properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link	https://en-gb.facebook.com/login.php/?i/	Logo should be show perfectly	As per Expected Result	Pass
4	2	2	Check logo quote	Check logo quote is show perfectly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check logo quote	-	Logo quote should be show perfectly	As per Expected Result	Pass
5	3	3	Check email/phone no. field hover effect	Check hover effect in textfield are working properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check 1st textfield hover effect	-	1st field hover effect should be show perfectly	As per Expected Result	Pass
6	4	4	Check password textfield hover effect	Check password field hover effect is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check password hover effect	-	password field hover effect should be show perfectly	As per Expected Result	Pass
7	5	5	Check login button hover effect	Check login button hover effect is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login button hover effect	-	login button field hover effect should be show perfectly	As per Expected Result	Pass

3	6	Check email/phone no. field validations	Check 1st field validation are working or not	Internet, Browser & Website in working condition	2. Enter Link 3. Check 1st field validations	username : ghbbbbbbbbb	First textfield validations should be working properly	As per Expected Result	Pass
3	7	Check password validations	Check password validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check password field validations	password : rfcfe	Password validations should be working properly	As per Expected Result	Pass
0	8	Check password hide/unhide feature	Check password hide feature is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check password hide feature	-	Hide feature should be hide password perfectly	As per Expected Result	Pass
1	9	Check login button with empty fields	Check empty validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with empty values	username : null password : null	Empty validations should be working properly	As per Expected Result	Pass
2	10	Check login button with incorrect email/phone no. and correct password	Check validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with incorrect values	username : 1111111111 password : dhabra123	If first field data is wrong then only show that field error	It shows both field values are wrong and ask some random id is our id or not	Fail
3		Check login button with correct		Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link	username : username :	Login validations	It shows both field values are wrong and ask some	

13	11	Check login button with correct email/phone no. and incorrect password	Check validations are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with incorrect values	username : dharapandyapassword : 1234566	Login validations should be working properly	It shows both field values are wrong and ask some random id is our id or not	Fail
14	12	Check login button with correct email/phone no. and correct password	Check with correct values, user can login or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with correct values	username : dharapandyapassword : dhabra123	If both values are true, then user should be login to website	As per Expected Result	Pass
15	13	Check Forgot password link	Check forgot password is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check forgot password option	-	Forgot password option should be working properly	As per Expected Result	Pass
16	14	Check create new account button	Check create new account button is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check create new account button	-	Create new account button should be working properly	As per Expected Result	Pass
17	15	Check create page link	Check create page link is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check create page link	-	Create page link should be working properly	As per Expected Result	Pass

Que 32.) What is the difference between the STLC (Software Testing Life Cycle) and SDLC (Software Development Life Cycle)?

Ans. : STLC (Software Testing Life Cycle) and SDLC (Software Development Life Cycle) are two diverse fundamental procedures in the QA and software development domain. While Software Development Life Cycle focuses on the

entire development and deployment of a software product, Software Testing Life Cycle specifically addresses the test processes and activities involved in certifying the reliability as well as the quality of the software.

This guide article aims to give an in-depth understanding of the differences between SDLC and STLC, their phases, and when to use them in order to deliver reliable software solutions.

Que 33.) What is the difference between test scenarios, test cases, and test script?

Ans. : In software testing, a test scenario outlines broad functionalities to be tested, a test case specifies the detailed steps and expected results for a particular scenario, and a test script is a program or set of instructions (often automated) to execute those test cases.

Que 34.) Explain what Test Plan is? What is the information that should be covered.

Ans. : A test plan is a document detailing the objectives, resources, and processes for a specific test session for a software or hardware product. The plan typically contains a detailed understanding of the eventual workflow.

Que 35.) What is priority?

Ans. : Priority is Relative and Business-Focused. Priority defines the order in which we should resolve a defect.

Que 36.) What is severity?

Ans. : Severity is absolute and Customer-Focused. It is the extent to which the defect can affect the software. In other words it defines the impact that a given defect has on the system.

Que 37.) Bug categories are

Ans. : Verified: The tester re-tests the bug after it got fixed by the developer. If there is no bug detected in the software, then the bug is fixed and the status assigned is “verified.”

Reopen: If the bug persists even after the developer has fixed the bug, the tester changes the status to “reopened”. Once again the bug goes through the life cycle.

Closed: If the bug is no longer exists then tester assigns the status “Closed.”

Duplicate: If the defect is repeated twice or the defect corresponds to the same concept of the bug, the status is changed to “duplicate.”

Rejected: If the developer feels the defect is not a genuine defect then it changes the defect to “rejected.”

Deferred: If the present bug is not of a prime priority and if it is expected to get fixed in the next release, then status “Deferred” is assigned to such bugs.

Not a bug: If it does not affect the functionality of the application then the status assigned to a bug is “Not a bug”

Que 38.) Advantage of Bugzilla .

Ans. : Bugzilla, a robust and mature bug tracking system, offers advantages like effective bug tracking, streamlined processes through automation, and robust reporting tools, ultimately improving product quality and communication while increasing productivity.

Here's a more detailed look at the advantages of using Bugzilla:

Key Advantages:

- **Effective Bug Tracking:**

Bugzilla is designed specifically for tracking bugs, problems, issues, and enhancement requests, allowing teams to keep track of outstanding issues effectively.

- **Streamlined Processes:**

Automation features within Bugzilla can streamline bug tracking processes, making it easier to manage and resolve issues.

- **Robust Reporting Tools:**

Bugzilla provides users with the ability to generate various reports, charts, and graphs related to bug statistics and project progress.

Que 39.) Difference between priority and severity

Ans. : Severity is about the impact on the system, while priority is about the urgency of fixing it.

- A high-severity bug may not always be a high-priority bug, and vice versa.
- Severity is determined by the technical impact of the bug, while priority is determined by business factors.
- Severity is usually determined by the test engineer, while priority is determined by the product owner or stakeholders.

Que 40.) What are the different Methodologies in Agile Development Model?

Ans. :-

Que 41.) Explain the difference between Authorization and Authentication in Web testing. What are the common problems faced in Web testing?

Ans. : Authentication verifies who the user is. Authorization determines what resources a user can access. Authentication works through passwords, one-time pins, biometric information, and other information provided or entered by the user.

Common web testing problems include ensuring cross-browser and device compatibility, addressing security vulnerabilities, optimizing performance, and handling the complexities of continuous testing and automation.

Que 42.) To create HLR & Test Case of Web Based (WhatsApp web , Instagram)

1. WhatsApp Web :

Ans. :

WhatsApp Web HLR :

Check code edit option			
	A	B	
1	Functionality ID	Functionality Name	Functionality Description
2	Login Page		
3	1	Check logo	Logo is visible properly
4	2	Check download button	When i click on download button, its redirect me into google play store
5	3	Check download button hover effect	When i move my cursor on download button, its change his color green to black
6	4	Check login details	Login details steps are showing perfectly
7	5	Check QR Code	QR Code is visible and scanble perfectly
8	6	Check checkbox option	We can check and uncheck the checkbox for stay login or logged out to specific browser
9	7	Check need help link	When i click on need help link, its redirect me into help page
10	8	Check login with phone number option	When i click on login with phone number, its redirect into login with phone number page
11	9	Check both link hover effect	When i move my cursor on links, its shows hover effect perfectly
12	10	Check after scan the QR code	After QR Code scan perfectly, we can logged into whatsapp web perfectly
13	Login with phone number		
14	11	Check login with phone number page details	Details are showing perfectly

HLR

A	B	C
11	page details	Details are showing perfectly
12	Check select country option	We can select country according to our need perfectly and by selecting a country, its auto fill up selected country code correctly
13	Check phone number field validations	Phone number validations are working properly
14	Check both fields hover effect	When i put my cursor on textfield and dropdown menu , its shows hover effect perfectly
15	Check search option in country drop down menu	Search option is working properly
16	Check next button hover effect	When i move my cursor on next button, its shows hover effect perfectly
17	Check next button	When i click on next button, its redirect on enter code for login page
18	Check code	Code is visible perfectly
19	Check login details	Login details are working perfectly
20	Check need help link	When i click on need help, its redirect on help page
21	Check login with QR Code link	When i click on QR Code, its redirect on main login page
22	Check code edit option	When i click on edit option, its redirect on enter phone number page correctly and its edit the phone number perfectly
23	Check after enter code in phone	After i enter the code , i logged in to whatsapp web pefectly

WhatsApp Web Test Case :

1	A	B	C	D	E	F	G	H	I	J
1	Test Case ID	Functionality ID	Test Case Name	Test Summary	Pre - Condition	Test Steps	Test Data	Expected Result	Actual Result	Status
Login Page										
3	1	1	Check logo	Check logo is show properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link https://web.whatsapp.com/	Logo should be shown properly	As per Expected Result	Pass	
4	2	2	Check download button	Check download button is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check download button	-	Download button should be work properly	As per Expected Result	Pass
5	3	3	Check download button hover effect	Check hover effect in download button is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check download button hover effect	-	Hover effect in download button should be show properly	As per Expected Result	Pass
6	4	4	Check login details	Check login details show properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login details	-	Login details should be shown properly	As per Expected Result	Pass
7	5	5	Check QR Code	Check QR code is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check QR Code	-	QR code should be working properly	As per Expected Result	Pass

A	B	C	D	E	F	G	H	I	J
8 6	6	Check checkbox option	Check checkbox option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check checkbox option	-	Checkbox should be checked and unchecked properly	As per Expected Result	Pass
9 7	7	Check need help link	Check need help link is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check need help link	-	Need help link should be open properly	As per Expected Result	Pass
10 8	8	Check login with phone number option	Check login with phone number option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login with number option	-	Login with phone number option should be working properly	As per Expected Result	Pass
11 9	9	Check both link hover effect	Check hover effect in both link is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check both link hover effect	-	Both link hover effect should be showing properly	As per Expected Result	Pass
12 10	10	Check after scan the QR code	Check after scan the QR Code , functionality is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check after scan QR Code functionality	-	After scan QR Code, user should be login to whatsapp web properly	As per Expected Result	Pass
13					Login with phone number				
					1. Open Browser [Google Chrome]				

A	B	C	D	E	F	G	H	I	J
13					Login with phone number				
14 11	11	Check login with phone number page details	Check with number details is show properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login page with number details	-	Login with phone number details should be show properly	As per Expected Result	Pass
15 12	12	Check select country option	Check select country has proper open or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check select country option	Country : India	Select country option should be working properly and all country in drop down menu should be visible	As per Expected Result	Pass
16 13	13	Check phone number field validations	Check validations in number is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check validations in number	number : 20202	Phone number validations should be working properly	As per Expected Result	Pass
17 14	14	Check both fields hover effect	Check hover effects in both fields are working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check both fields hover effect	-	Both fields hover effect should be show properly	As per Expected Result	Pass
18 15	15	Check search option in country drop down menu	Check search option drop down menu is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check search option drop down menu	-	Search country option should be working properly and all country in drop down menu should be visible	As per Expected Result	Pass

A	B	C	D	E	F	G	H	I	J
13	13	drop down menu	menu	condition	drop down menu	-	menu should be visible	Result	Pass
19 16	16	Check next button hover effect	Check next button is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check next button hover effect	-	Next button hover effect should be show properly	As per Expected Result	Pass
20 17	17	Check next button	Check next button hover effect is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check next button hover effect	-	Next button should be working properly	As per Expected Result	Pass
21 18	18	Check code	Check code is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check next button	-	Code should be working and verifying both side properly , so user shold be login properly after enter the code	As per Expected Result	Pass
22 19	19	Check login details	Check login details show properly or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check login details	-	Login details should be visible properly	As per Expected Result	Pass
23 20	20	Check need help link	Check need help link is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check need help link	-	Need help link should be working properly	As per Expected Result	Pass
24	21	Check login with QR Code link	Check login with QR Code link is working or not	Internet, Browser & Website in working condition	2. Enter Link 3. Check login with QR code link	-	Login with QR code option should be working properly	As per Expected Result	Pass

A	B	C	D	E	F	G	H	I	J
24 21	21	Check login with QR Code link	Check login with QR Code link is working or not	Internet, Browser & Website in working condition	2. Enter Link 3. Check login with QR code link	-	Login with QR code option should be working properly	As per Expected Result	Pass
25 22	22	Check code edit option	Check code edit option is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check edit option	-	Code edit option should be editable	As per Expected Result	Pass
26 23	23	Check after enter code in phone	Check after enter code in phone is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check after enter code functionality	-	After enter code, user should be login to whatsapp web properly	As per Expected Result	Pass

Que 42.) To create HLR and Test Case on this Link : <https://artoftesting.com/>

Ans. :

Art Of Testing HLR :

Art Of Testing			
	A	B	C
1	Functionality ID	Functionality Name	Functionality Description
Contact Page			
3	1	Check Contact Page Link	When i click on contact us , its redirect on contact page properly
4	2	Check name Field	Name field have proper validations
5	3	Check Last name field	Last name field have proper validations
6	4	Check Email field	Email field have proper validations
7	5	Check Message field	Message field have proper validations
8	6	Check send message button	Send message button field have proper validations and message send sucessfully
9	7	Check send message button with empty validations	Empty validations is working properly

Art Of Testing Test Case :

1	Test Case ID	Functionality ID	Test Case Name	Test Summary	Pre - Condition	Test Steps	Test Data	Expected Result	Actual Result	Status
Contact Page										
3	1	1	Check Contact Page Link	Check contact page link is working or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link https://artoftesting.com/contact-us		It should be redirect on contact page properly	As per Expected Result	Pass
4	2	2	Check name Field	Check name field have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check name validation	Name : Dhara	Name field should be have proper validations	As per Expected Result	Pass
5	3	3	Check Last name field	Check last name field have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check last name validation	Last Name : Pandya	Last Name field should be have proper validations	As per Expected Result	Pass
6	4	4	Check Email field	Check email field have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check email validation	Email : dp@gmail.com	Email field should be have proper validations	As per Expected Result	Pass
7			Check Message	Check message field have proper	Internet, Browser & Website in	1. Open Browser [Google Chrome] 2. Enter Link 3. Check message	Message : Site is	Message field should be		

6	4	4	Check Email field	Check email field have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check email validation	Email : dp@gmail.com	Email field should be have proper validations	As per Expected Result	Pass
7	5	5	Check Message field	Check message field have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check message validation	Message : Site is good	Message field should be have proper validations	As per Expected Result	Pass
8	6	6	Check send message button	Check send message button have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check message button validation	-	Message button should be have proper validations and user should be send message sucessfully	As per Expected Result	Pass
9	7	7	Check send message button with empty validations	Check send message button with empty value have proper validations or not	Internet, Browser & Website in working condition	1. Open Browser [Google Chrome] 2. Enter Link 3. Check send message button with empty validations	-	With empty values, user should not be send a message	As per Expected Result	Pass

Que 43.) Write a scenario of only WhatsApp chat messages.

Ans. :

1. Verify that user can chat with user's contact save number.
2. Verify that user can send a message to receiver.
3. Verify that user can send emoji to receiver.
4. Verify that user can make a group and send message to group successfully.
5. Verify that receiver receive message from sender successfully.
6. Verify that all text of chat messages is visible and in resizable.
7. Verify that all chat has encrypted or end-to-end encryption.
8. Verify that user can send any type of file(audio, video, text file, image, document or etc)
9. Verify that user can see receiver's net is open or not.
10. Verify that user can see receiver is read their message or not.
11. Verify that user can delete chat for him/her or not.
12. Verify that user can delete chat for everyone or not.
13. Verify that user can edit chat or not.
14. Verify that user can react/unreacted to chat message or not.
15. Verify that user can send GIF, Stickers or not.
16. Verify that user can undo the action or not.

Que 44.) Write a Scenario of Pen.

Ans. :

1. Verify the type of pen, whether it is a ballpoint pen, ink pen, or gel pen.

2. Verify that the user is able to write clearly over different types of papers.
3. Check the weight of the pen. It should be as per the specifications. In case not mentioned in the specifications, the weight should not be too heavy to impact its smooth operation.
4. Verify if the pen is with a cap or without a cap.
5. Verify the colour of the ink on the pen.
6. Check the Odor of the pen's ink on writing over a surface.
7. Verify the surfaces over which the pen is able to write smoothly apart from paper e.g. cardboard, rubber surface, etc.
8. Verify that the text written by the pen should have consistent ink flow without leaving any blob.
9. Check that the pen's ink should not leak in case it is tilted upside down.
10. Verify if the pen's ink should not leak at higher altitudes.
11. Verify if the text written by the pen is erasable or not.
12. Check the functioning of the pen by applying normal pressure during writing.
13. Verify the strength of the pen's outer body. It should not be easily breakable.
14. Verify that text written by pen should not get faded before a certain time as mentioned in the specification.
15. Check if the text written by the pen is waterproof or not.
16. Verify that the user is able to write normally by tilting the pen at a certain angle instead of keeping it straight while writing.
17. Check the grip of the pen, and whether it provides adequate friction for the user to comfortably grip the pen.
18. Verify if the pen can support multiple refills or not.

19.In the case of an ink pen, verify that the user is able to refill the pen with all the supported ink types.

Que 45.) Write a Scenario of Pen Stand.

Ans. :

1. Verify that pen stand size is good or not.
2. Verify that pen stand has many colours or not.
3. Verify that pen stand quality is good or not.
4. Verify that pen stand is made from which material.
5. Verify that pen stand is from which company.
6. Verify that pen stand is stable in every surface or not.
7. Verify that pen stand can take how many pens.
8. Verify that pen stand is capable to put pens in stand.
9. Verify that pen stand is attractive or design is good or not.

Que 46.) Write a Scenario of Door.

Ans. :

1. Verify if the door is single door or bi-folded door.
2. Check if the door opens inwards or outwards.
3. Verify that the dimension of the doors are as per the specifications.
4. Verify that the material used in the door body and its parts is as per the specifications.
5. Verify that colour of the door is as specified.
6. Verify if the door is sliding door or rotating door.
7. Check the position, quality and strength of hinges.
8. Check the type of locks in the door.
9. Check the number of locks in the door interior side or exterior side.

10. Verify if the door is having peek-hole or not.
11. Verify if the door is having stopper or not.
12. Verify if the door closes automatically or not – spring mechanism.
13. Verify if the door makes noise when opened or closed.
14. Check the door condition when used extensively with water.
15. Check the door condition in different climatic conditions- temperature, humidity etc.
16. Check the amount of force- pull or push required to open or close the door.

Que 47.) Write a Scenario of ATM.

Ans. :

1. Verify the type of ATM machine, if it has a touch screen, both keypad buttons only, or both.
2. Verify that on properly inserting a valid card different banking options appear on the screen.
3. Check that no option to continue and enter credentials is displayed to the user when the card is inserted incorrectly.
4. Verify that the touch of the ATM screen is smooth and operational.
5. Verify that the user is presented with the option to choose a language for further operations.
6. Check that the user is asked to enter a pin number before displaying any card/bank account detail.
7. Verify that there is a limited number of attempts up to which the user is allowed to enter the pin code.

8. Verify that if the total number of incorrect pin attempts gets surpassed then the user is not allowed to continue further. And operations like temporary blocking of the card, etc get initiated.
9. Check that the pin is displayed in masked form when entered.
10. Verify that the user is presented with different account type options like-savings, current, etc.
11. Verify that the user is allowed to get account details like available balance.
12. Check that the correct amount of money gets withdrawn as entered by the user for cash withdrawal.
13. Verify that the user is only allowed to enter the amount in multiple denominations as per the specifications.
14. Verify that the user is prompted to enter the amount again in case the amount entered is less than the minimum amount configured.
15. Check that the user cannot withdraw more amount than the total available balance and a proper message should be displayed.
16. Verify that the user is provided the option to get the transaction details in printed form.
17. Verify that the user's session timeout is maintained.
18. Check that the user is not allowed to exceed one transaction limit amount.
19. Verify that the user is not allowed to exceed the one-day transaction limit amount.
20. Verify that the user is allowed to do only one transaction per pin request.
21. Check that in case the ATM machine runs out of money, a proper message is displayed to the user.
22. Verify that the applicable fee gets deducted along with the withdrawn amount in case the user exceeds the limit of the number of free transactions in a month.

- 23.Verify that the applicable fee gets deducted along with the withdrawn amount in case the user uses a card of a bank other than that of an ATM.
- 24.Check that the user is not allowed to proceed with the expired ATM card and that a proper error message gets displayed.
- 25.Verify that in case of sudden electricity loss before withdrawing cash, the transaction is marked as null and the amount is not withdrawn from the user's account.

Que 48.) When to used Usability Testing?

Ans. :

Usability testing should be conducted early and often throughout the product development cycle, starting with prototyping and continuing post-launch to ensure ongoing improvements based on user feedback and behaviour.

Usability testing is done to check :

Effectiveness of the system

Efficiency

Accuracy

User Friendliness.

Que 49.) What is the procedure for GUI Testing?

Ans. :

Approach of GUI Testing :

MANUAL BASED TESTING : Under this approach, graphical screens are checked manually by testers in conformance with the requirements stated in business requirements document.

RECORD AND REPLAY GUI testing : can be done using automation tools. This is done in 2 parts. During Record , test steps are captured into the automation tool.

During playback, the recorded test steps are executed on the Application under Test. Example of such tools - QTP.

MODEL BASED TESTING : A model is a graphical description of system's behavior. It helps us to understand and predict the system behavior. Models help in a generation of efficient test cases using the system requirements.

Que 50.) Write a scenario of Microwave Oven.

Ans. :

1. Verify that the dimensions of the oven are as per the specification provided.
2. Verify that the oven's material is optimal for its use as an oven and as per the specification.
3. Verify that the oven heats the food at the desired temperature properly.
4. Verify that the oven heats food at the desired temperature within a specified time duration.
5. Verify the oven's functioning with the maximum attainable temperature.
6. Verify the oven's functioning with minimum attainable temperature.
7. Verify that the oven's plate rotation speed is optimal and not too high to spill the food kept over it.
8. Verify that the oven's door gets closed properly.
9. Verify that the oven's door opens smoothly.
10. Verify the battery requirement of the microwave oven and check that it functions smoothly at that power.
11. Verify that the text written over the oven's body is clearly readable.
12. Verify that the digital display is clearly visible and functions correctly.
13. Verify that the temperature regulator is smooth to operate.
14. Verify that the temperature regulator works correctly.

15. Check the maximum capacity of the oven and test its functioning with that volume of food.

Que 51.) Write a scenario of Coffee vending Machine.

Ans. : UI scenario : Verify that the dimension of the coffee machine is as per the specification.

1. Verify that outer body, as well as inner part's material, is as per the specification.
2. Verify that the machine's body color as well brand is correctly visible and as per specification.
3. Verify the input mechanism for coffee ingredients-milk, water, coffee beans/powder, etc.
4. Verify that the quantity of hot water, milk, coffee powder per serving is correct.
5. Verify the power/voltage requirements of the machine.
6. Verify the effect of suddenly switching off the machine or cutting the power. The machine should stop in that situation and in power resumption, the remaining coffee should not get come out of the nozzle.
7. Verify that coffee should not leak when not in operation.
8. Verify the amount of coffee served in single-serving is as per specification
9. Verify that the digital display displays correct information.
10. Check if the machine can be switched on and off using the power buttons
11. Check for the indicator lights when the machine is switched on-off.
12. Verify that the functioning of all the buttons work properly when pressed.

13. Verify that each button has an image/text with it, indicating the task it performs.
14. Verify that complete quantity of coffee should get poured in a single operation, no residual coffee should be present in the nozzle.
15. Verify the mechanism to clean the system work correctly- foamer.
16. Verify that the coffee served has the same and correct temperature each time it is served by the machine.
17. Verify that system should display an error when it runs out of ingredients.
18. Verify that pressing the coffee button multiple times leads to multiple serving of coffee.
19. Verify that there is the passage for residual/extraneous coffee in the machine.
20. Verify that machine should work correctly in different climatic, moistures and temperature conditions.
21. Verify that machine should not make too much sound when in operation.

Que 52.) Write a scenario of chair.

Ans. :

1. Verify that the chair is stable enough to take an average human load.
2. Check the material used in making the chair-wood, plastic etc.
3. Check if the chair's leg are level to the floor.
4. Check the usability of the chair as an office chair, normal household chair.
5. Check if there is back support in the chair.
6. Check if there is support for hands in the chair.
7. Verify the paint's type and color.
8. Verify if the chair's material is brittle or not.
9. Check if cushion is provided with chair or not.

10. Check the condition when washed with water or effect of water on chair.
11. Verify that the dimension of chair is as per the specifications.
12. Verify that the weight of the chair is as per the specifications.
13. Check the height of the chair's seat from floor.

Que 53.) To Create Scenario (Positive & Negative). Gamil receiver.

Ans. :

Positive Test Scenarios:

1. Verify that the system correctly sends an order shipment notification email.
2. Verify that the system sends a congratulatory email upon job selection.
3. Verify that the system sends a subscription renewal reminder email before the due date.
4. Verify that the system sends an invitation email for an exclusive event.
5. Verify that the system sends an email confirmation after successful email verification.
6. Verify that the system sends a thank you email after receiving customer feedback.
7. Verify that the system applies a discount and sends a promotional email.
8. Verify that the system confirms an RSVP for an event through email.
9. Verify that the system sends a reward eligibility email after meeting specific criteria.
10. Verify that the system sends a confirmation email after a successful login from a new device.
11. Verify that the system sends a delivery confirmation email once the package is delivered.

12. Verify that the system sends a subscription update confirmation email.
 13. Verify that the system sends an invitation email for beta testing participation.
 14. Verify that the system sends a thank you email with a gift card for loyal customers.
 15. Verify that the system sends a payment success confirmation email after a successful transaction.
-

Negative Test Scenarios:

1. Verify that the system sends an email notifying the user of account suspension due to unusual activity.
2. Verify that the system sends an email informing the user about failed package delivery due to address issues.
3. Verify that the system sends an email notification for a failed payment attempt.
4. Verify that the system sends a subscription cancellation email due to non-payment.
5. Verify that the system sends an email if a password change request is initiated without the user's consent.
6. Verify that the system sends an error email if there's an issue processing a request.
7. Verify that the system sends an email notifying the user of missing documents in their application.
8. Verify that the system sends a security breach notification email to the user.
9. Verify that the system sends an email notifying the user of event cancellation due to unforeseen circumstances.

10. Verify that the system sends an email notification if a refund request is rejected.
11. Verify that the system sends an email confirming account deletion request.
12. Verify that the system sends a reminder email if the account is at risk due to inactivity.
13. Verify that the system sends an email notifying the user when a coupon expires.
14. Verify that the system sends an email if there's a delivery delay due to weather conditions.
15. Verify that the system sends an email notifying the user of suspicious login activity on their account.

Que 54.) Online shopping to buy product (flipkart).

Ans. :

Positive Test Scenarios:

1. Verify that the system correctly sends an order confirmation email after a product is successfully purchased.
2. Verify that the system correctly applies a discount code during checkout and reflects the discount in the final price.
3. Verify that the system provides accurate product details, including price, description, and availability.
4. Verify that the system correctly displays the estimated delivery date after an order is placed.
5. Verify that the system successfully processes multiple payment methods (credit card, debit card, net banking) during checkout.
6. Verify that the system sends a shipment tracking email once the order is dispatched.

7. Verify that the system allows the user to select their preferred delivery address during checkout and confirms it in the order summary email.
 8. Verify that the system sends a "Thank You" email after the successful completion of the purchase.
 9. Verify that the system correctly updates the order status to "Delivered" once the item is successfully delivered.
 10. Verify that the system provides accurate notifications about the availability of an out-of-stock product when it's restocked.
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Negative Test Scenarios:

1. Verify that the system sends an error notification email if the payment fails during the checkout process.
2. Verify that the system alerts the user if the product is out of stock after attempting to purchase.
3. Verify that the system sends an email notifying the user if the product is unavailable after placing the order.
4. Verify that the system sends an error notification if the billing address provided during checkout is invalid.
5. Verify that the system sends a cancellation email if the order is canceled due to an issue with payment authorization.
6. Verify that the system notifies the user if there is a delay in shipment due to logistics or other operational issues.
7. Verify that the system sends a refund email if the order is canceled and the payment is refunded.
8. Verify that the system notifies the user if the delivery is delayed due to weather or other unforeseen circumstances.
9. Verify that the system sends an email if the product is damaged or defective upon delivery.

10.Verify that the system sends an error notification email if the return request is rejected due to policy violations (e.g., outside the return window).

Que 55.) Write a Scenario of Wrist Watch.

Ans. :

1. Verify the type of watch – analog or digital.
2. In the case of an analog watch, check the correctness time displayed by the second, minute, and hour hand of the watch.
3. In the case of a digital watch, check the digital display for hours, minutes, and seconds is correctly displayed.
4. Verify the material of the watch and its strap.
5. Check if the shape of the dial is as per specification.
6. Verify the dimension of the watch is as per the specification.
7. Verify the weight of the watch.
8. Check if the watch is waterproof or not.
9. Verify that the numbers in the dial are clearly visible or not.
10. Check if the watch is having a date and day display or not.
11. Verify the color of the text displayed in the watch – time, day, date, and other information.
12. Verify that clock's time can be corrected using the key in case of an analog clock and buttons in case of a digital clock.
13. Check if the second hand of the watch makes ticking sound or not.
14. Verify if the brand of the watch and check if its visible in the dial.
15. Check if the clock is having stopwatch, timers, and alarm functionality or not.

- 16.In the case of a digital watch, verify the format of the watch 12 hours or 24 hours.
- 17.Verify if the watch comes with any guarantee or warranty.
- 18.Verify if the dial has glass covering or plastic, check if the material is breakable or not.
- 19.Verify if the dial's glass/plastic is resistant to minor scratches or not.
- 20.Check the battery requirement of the watch.

Que. 55.) Write a Scenario of Lift(Elevator).

Ans. :

Hello friends! In this article will share [test cases](#) for Lift. Since the focus here is to understand the different features to be tested instead of creating actual test cases, so we have presented [test scenarios](#) here instead of test cases.

1. Verify the dimensions of the lift.
2. Verify the type of door of the lift is as per the specification.
3. Verify the type of metal used in the lift interior and exterior.
4. Verify the capacity of the lift in terms of the total weight.
5. Verify the buttons in the lift to close and open the door and numbers as per the number of floors.
6. Verify that the lift moves to the particular floor as the button of the floor is clicked.
7. Verify that the lift stops when the up/down buttons on a particular floor are pressed.
8. Verify if there is an emergency button to contact officials in case of any mishap.
9. Verify the performance of the floor – the time taken to go to a floor.

10. Verify that in case of power failure, the lift doesn't free-fall and gets halted on the particular floor.
11. Verify lifts working in case the button to open the door is pressed before reaching the destination floor.
12. Verify that in case the door is about to close and an object is placed between the doors if the doors sense the object and again open or not.
13. Verify the time duration for which the door remains open by default.
14. Verify if the lift interior is having proper air ventilation.
15. Verify lighting in the lift.

Que 56.) Write a Scenario of whatsapp Group (generate group).

Ans. :

1. The system should allow a user to create a new WhatsApp group.
2. The system should allow the user to set and update the group name after creation.
3. The system should allow the user to add multiple participants to the group.
4. The system should send a group creation confirmation notification to the group admin and all participants.
5. The system should allow the admin to set and change the group photo.
6. The system should allow the admin to assign roles (admin, member) to participants.
7. The system should allow users to send text messages, photos, and videos within the group.
8. The system should allow users to receive notifications for new messages in the group by default.
9. The system should allow the admin to remove participants from the group.
10. The system should allow the admin to mute notifications for the group and reflect those changes for all users.

Que 57.) Write a Scenario of Whatsapp payment.

Ans. :

1. The system should allow a user to link their bank account or payment method to WhatsApp for payments.
2. The system should allow a user to send money to a contact via WhatsApp.
3. The system should allow a user to request money from a contact via WhatsApp.
4. The system should show the correct transaction amount and recipient details before confirming a payment.
5. The system should send a payment confirmation notification to both the sender and the recipient.
6. The system should allow the user to view their payment transaction history within the app.
7. The system should support multiple payment methods (e.g., debit card, credit card, UPI) for sending money.
8. The system should allow users to cancel a payment request before it is accepted by the recipient.
9. The system should display an error message if a payment attempt fails due to insufficient funds or network issues.
10. The system should ensure that all payment transactions are secured with two-factor authentication (2FA) for extra security.

