MODULE -2(MANUAL TESTING)

What is exploratory testing

We have to explore the application, understand completely, identify all possible scenarios, and document it and use for testing. We do exploratory testing when the application ready but there is no requirement.

Some time you might misunderstand any features as a bug or any bug as a feature since you do not have requirement.

What is traceability matrix

It is able to trace back from every system component to the original requirement and make attention to final missing requirement.

The main purpose of traceability matrix is to see thar all test case is covered so that no functionality should miss while doing software testing.

What is boundary value testing

Boundary value testing is black box testing technique and it is helpful for detecting any error that happened at boundary value or valid or invalid partition rather than middle input value.

For example: let assume a test case that take the value of age from 21 to 65

Valid test: (min, max, +min, -max), 21, 22, 65, 64

Invalid test case:(min value-1), (max value+1) = 20, 66

What is equivalence partitioning testing

Equivalence partitioning testing is black box testing technique the aim is to treat group of input as equivalence and select one of input data to test them all input.

If one value finds a bug, the other input data probably find a bug

If one value does not find any bug, the other input data probably would not find a bug

For example: if value is between 1 and 100(inclusive) so in the range from value>=1 and value<=100 and less than 1 and more than 100 is out of range. if we take one input data 80 is find a bug, the other input data probably find a bug.

What is integrated testing

Integration testing is a level of software testing process where all individual unit are combined and tested as a group.

Integration testing tests integration or interfaces between components, interactions to different part of the system such as an operating system, file system and hardware or interfaces between systems.

What is component testing

Component testing is also called as unit test/ module test/ programming testing.

Component test is the testing of all individual software component. Unit test is typically written and run by software developer.

Unit test is performed by using white box testing method

What is functional system testing

Functional testing is also called as specification testing it is a type of software testing in which the system tested against the functional requirement and specification. Functional testing ensure that the requirement or specification are properly satisfied by the application. this type of testing is particular concerned with the result of processing. Functional testing is test “what the system work”.

Types of functional testing:

1. Unit test
2. Smoke testing
3. Sanity testing
4. White box testing’
5. Black box testing
6. Integrated testing
7. Regression testing
8. User acceptance testing

For example: 1) can user successfully login into the application once they provide legitimate credential.

2)Does the payment date way reject the input and display an error message when a user keys invalid credit card number

What is non-functional testing

Non-functional testing checks the performance, reliability, scalability and other non-functional testing. It is the testing of “how the system work”.

Types of non-functional testing:

1)performance testing

2)load testing

3)volume testing

4)stress testing

5)security testing

6)usability testing

7)GUI testing

8)compatibility testing

Foe example of non- functional testing: in mobile, automatically will switch off without any reason. To stop the application which is not in our hand.

What is ADHOC test

ADHOC testing is an informal testing type with an aim to break the system. Testers test randomly test the application without any test case or any business requirement document. The main aim this testing is to find defect by randomly checking. ADHOC testing is achieved with the testing technique called error guessing.

What is white box testing and lists the types of white box testing

White box testing is also called as glass testing/ structured based testing/open box testing and it is based on analysis of the internal structure of the component or system. It examines “how software does it”

For example: if you are using calculator then in case of white box testing, tester will check the internal working of the calculator and how this output was calculated.

Types of white box testing:

1. Statement/line coverage/segment coverage
2. Decision/ branch coverage
3. Condition coverage

What is black box technique? What are the different black box testing technique?

Black box testing is also called as specification-based testing, output-input testing. Black box testing, either functional or non-functional without knowing internal structure of the component or system.

Black box testing techniques are given below:

1. Equivalence partitioning
2. Boundary value testing
3. Decision table
4. State transition testing

What is big bang testing

Big bang testing is a method of integration testing method. In big bang testing all components or modules is integrated whole, after which everything is tested as whole. So, it is difficult to trace the cause of failure because this is done after integration.

What is 7 key principle and explain in detail

7 key principles:

1. Testing show presence of defects
2. Exhaustive testing is impossible
3. Early testing
4. Defect testing
5. The pesticide paradox
6. Testing is context based
7. Absence of error fallacy

1)testing show presence of defect: testing can show that defects are present, but cannot prove that there are no defects. Testing reduces the probability of undiscover defects remaining the software but, even if no defects are found, it is not proof of correctness.

2)exhaustive testing is impossible: testing everything including all combinations of input stand precondition is not possible. So instead of doing the exhaustive testing we can use risk and priorities to focus testing efforts.

3)early testing: testing activities should start as early as possible in the software or system development life cycle, and should be focus on defined objectives.

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)pesticides paradox: if the same tests are repeated again and again eventually the same set of test case will no longer find any defect.

6)testing is context dependent: testing is done differently in different context. Different kind of sites are tested differently.

7)absence of error fallacy: if the system build is unusable and does not fulfil user needs and expectation then finding and fixing defect does not help. Even after defects have been resolved it may still be unusable and does not fulfil the users need and expectation

What is error, defect, bug and failure

Error: a mistake in coding is called error

Defect: error found by tester is called defect

Bug: defect accepted by development team then it is called bug

Failure: build does not meet the requirement then it is called failure

What is purpose of exit criterion

Exit criterion is used to determine whether a given test activities has been completed or not. Exit criterion can be defined for all of the test activities right from planning, specification and execution

What is test plan is? what is the information that should be covered.

test plan: a document describing the scope, approach, resources and schedule of intended activities.

What is difference between authorization and authentication in web testing. What are the common problems faced in web testing.

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| AUTHORIZATION | AUTHENTICATION |
| Access to resource is granted or denied based on verified identity | Verifies the identity of a user or device |
| Work based on assigned roles or permission by admin or security user | Work based on password, OTP, biometric, security question. |
| Entire authorization process takes place in the background. | Part of authentication process is visible to users |

Explain difference between functional testing and non-functional testing

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| Functional testing | Non-functional testing |
| Functional testing is a requirement that specifies a function that a system or system component must perform | Non-functional testing checks the performance, reliability, scalability and non-functional aspects of the software system |
| Functional testing is executed first | non-functional testing should be performed after functional testing |
| Manual testing or automation tools can be used for functional testing | Using tools be effective for this testing |
| Business requirements are the input to functional testing | Performance parameter like speed, scalability are inputs to non-functional testing |
| Functional testing describes what the product does | Non-functional testing describes how the good the product works |
| Easy to do manual testing | Tough to do manual testing |
| Types of functional testing  Unit testing  Smoke testing  Sanity testing  White box testing  Regression testing  White box testing  User acceptance testing | Performance testing  Load testing  Volume testing  Stress testing  Security testing  Installation testing  Migration testing  Compatibility testing |

Difference between quality assurance, quality control and tester

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| QUALITY ASSURANCE | QUALITY CONTROL | TESTER |
| Quality assurance define standard and procedures that will help to meets customers requirements | Quality control ensures that standards are followed while working on the product | Activities which ensure the identification of buds/error/defects in the software |
| Focuses on process and procedures rather than conducting actual testing on the system | Focuses on actual testing by executing software with aim of identify bug/defect through implementation of procedures and process. | Focuses on actual testing |
| Process oriented activities | Product oriented activities | Product oriented activities |
| Preventive activities | It is corrective activities | It is preventing activities |
| It is subset of software test life cycle (STLC) | QC can be considered as the subset of QA | Testing is subset of QC |

Difference between smoke test and sanity test

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| SMOKE TESTING | SANITY TESTING |
| Smoke testing is performed after the software build to as certain that the critical functionalities of the program is working fine. | Sanity testing is performed after receiving a software build, with minor change in code, new functionality is added and that the bugs have been fixed and no further issues are introduced due to these changes. |
| Main objective of this testing is to verify “stability” of the system | The objective of the system is to verify the “rationality” of the system. |
| This testing is performed by developer and tester | This testing is done by only tester |
| Smoke testing is usually documented or scripted. | Sanity testing is usually not documented or unscripted. |
| Smoke testing is subset of regression testing | Sanity testing is subset of acceptance testing |
| Smoke testing exercise the entire system from end to end | Sanity testing exercise only the particular component of the entire system. |
| Smoke testing is like general health checkup | Sanity testing is like specialized health checkup. |
| Smoke testing is executed first | Sanity testing is executed after smoke testing. |

Difference between verification and validation

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| VERIFICATION | VALIDATION |
| The process of evaluating work products (not the actual final product) of a development determine whether they meet the specified requirement for that phase. | The process of evaluating software during or at the end the development process to determine whether it satisfied business requirement |
| Verification is static testing | Validation is dynamic testing |
| Verification does not involve code execution | Validation involves code execution |
| Verification process include checking document, design, code and programme. | Validation process include testing validation of actual product. |
| Verification finds the bugs early in the development cycle | Validation finds the bugs which cannot catch in verification |
| Verification is done by QA team | Validation is done by tester along with QA |
| Verification is executed first | Validation is executed after verification |
| Verification uses method like review, walkthrough, inspection | Validation use method like testing |

Difference between test scenario, test case and test script

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| TEST SCENARIO | TEST CASE | TEST SCRIPT |
| Test scenario is any functionality that can be tested | Test case is set of actions executed to verify particular features or functionality | It is set of instructions to test an app automatically |
| Test scenario is derived from use cases | Test case is derived from test scenario | Test script is derived from test cases |
| Test scenario is focus on “what to be tested” | Test case is focus on “how to be tested | Test script is focus on “expected result” |
| Allow quickly assessing testing scope | Allow detecting error and defect | Allow carrying out an automatic execution of test cases |
| Includes end to end functionality to be tested | Includes test step, test data, executed result for testing | Includes different commands to develop script |

Difference between SDLC and STLC

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| SDLC | STLC |
| SDLC is software development life cycle | STLC is testing life cycle |
| SDLC defines all the standard phases which are involved during the software development process | STLC process defines various activities to improve the quality of the product |
| In SDLC, real code is developed, and actual work take place as per the design documents | STLC testing team prepare the test environment and executes test case. |

Explain types of performance testing

The types of performance testing are given below:

1. Stress testing
2. Load testing
3. Endurance testing
4. Spike testing
5. Volume testing
6. Scalability testing

Write scenario of chair

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| |  |  |  | | --- | --- | --- | | 1 | verify the type of chair whether it is stable or movable chair like use of wheel | verify if one arm of chair is missing then user will not seat properly | | 2 | verify the material used in making outer structure of chair like wood, plastic, metal etc | verify if one leg is missing then person is not seat comfortable | | 3 | verify the chair usability like for office, classes, shop…etc | verify if one wheel is missing from legs then chair not stand stable | | 4 | Verify the chair structure like round shape chair, rectangular shape etc | verify if chair height adjustable is broken then chair is fix at one position | | 5 | verify the dimension of chair | verify if backrest sponge is lost then fil painful | | 6 | verify the height of chair | verify if backrest adjustable is broken then chair is fix on one position | | 7 | verify the height of sitting space from ground level | verify if chair materials are plastic, then if hand arm is break then it disbalance hand | | 8 | verify the sitting space is adjustable according to height of person | verify if one wheel of chair is fixing on one position then chair is not rotate | | 9 | verify the number of legs for chair | verify if backrest is missing then a person cannot take rest | | 10 | verify whether all legs of the chair on a plane surface are equal or not | verify if seat sponge is missing then its fill painful | | 11 | verify the material used for setting space like sponge, wooden, fabric. . . etc | verify if chair material is metal then on sliding the chair it makes irritating sound | | 12 | verify the sitting space is sufficient for a general person | verify if chair material is wood then is fill so hard | | 13 | verify the design of seat like circular, square. . . etc | verify if chair material is wood then on shifting chair the wood is rub so chair is disbalance | | 14 | verify the chair backrest option and area of backrest | verify if chair material is metal then check there is proper welding or not | | 15 | verify the material used for backrest like wooden, cloth, cotton. . . etc | verify if chair seat is not comfortable then we cannot seat on it | | 16 | verify the back rest is adjustable or not and it has 45degree tilt | verify if chair legs wheel is proper work or not | | 17 | verify the type of support for hand like round, rectangular…etc | verify if chair legs wheel has faster speed, then user may be fell down | | 18 | verify the material used for hand support like plastic, metal. . . etc | verify if chair material is brittle then it will be broken | | 19 | verify the chair is good enough to handle a specified load | verify if chair material is plastic then it will not use for long time period | | 20 | verify what the maximum amount of load the chair is handling is | verify if chair arm support is rough then it will harmful for hand | | 21 | verify the colour of chair and paint type | verify is chair legs are of same size or not | | 22 |  | verify if chair is old then name is not visible then we cannot find out the brand of company | | 23 |  | verify if chair is old then on heavy weight of object chair will be break down | | 24 |  | verify if chair put down under sun, then chair material will be damaged | | 25 |  | Verify if chair is not folded then chair occupied a space | | 26 |  | verify if chair put down under sun rays, then colour of chair is faded and chair not look attractive | | 27 |  | Verify if chair used for students so book stand is properly change according to user need | | 28 |  | verify if dust go in sponge, then on sitting of chair dust come on dress | | 29 |  | verify if chair material is metal and surface are not equal then at the time of sitting it create sound | | 30 |  | verify if chair back rest size is small then a person cannot take proper rest | | 31 |  | verify if wheel is not work then chair cannot change their position | | 32 |  | Verify if on upper side of backrest if head rest is missing then in our neck pain is produce | |

Write scenario of pen

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| |  |  |  | | --- | --- | --- | | SNRO/PEN | TEST SCENARIO (POSITIVE) | TEAT SCENARIO (NEGATIVE) | | 1 | verify the type of the pen whether it is a ball pen, gel pen, ink pen | verify if the pen cap is missing then we cannot put on my pocket because its surrounding in pocket | | 2 | verify the colour of the ink of the pen whether it is blue, black, pink. . . etc | verify if the cap is missing in winter season ink should be dry so I ca not write on time | | 3 | verify that pen refill is full filled or not | verify if the cap is missing then if put on my pocket but ink should be leak | | 4 | verify the pen should be written on different paper | verify if pen cab is tight enough so that it will not get removed easily | | 5 | verify the pen smoothly run with fluently speed | verify if pen cab is not removed while holding in a pocket | | 6 | verify the outer body of the pen material whether it is plastic, metal. . . etc | verify if writing with pen on applying pressure then it will break | | 7 | verify the needle size of pen whether it is sharp or big | verify if verify the tip of the pen if you write by putting some pressure, then it should not get broken | | 8 | verify the brand name of pen and logo of company | verify if pen is drop in water put then it not possible to write with this pen | | 9 | verify the pen is with a cap or without a cap | verify if pen weight is more than it is not possible to hold in hand for a longer time period | | 10 | verify the pen is with a hanging stand or not | verify if pen is drop from height so pen tip is not work properly | | 11 | verify the weight of the pen which is suitable for holding | verify if pen height is more so its weight is increasing then it is not possible to write | | 12 | verify the height of the pen which is suitable for holding | verify if the cap stand is broken then I cannot put on my pocket at one placed | | 13 | verify the area of pen which is suitable for holding | verify if pen area is more so it is not possible to write for long time period | | 14 | verify the pen ink is not spread on page | verify if the pen is old then company name is erased so how can I judge the pen having which company | | 15 | verify the pen ink not show mark on back page | verify if pen stand is missing then pen is not fix on shirt | | 16 | verify that written text is not show on bake page | verify if the pen is old then ink will be dry | | 17 | verify that written text is not faded after written | verify if pen needle is bigger in size then the flow of ink is in lager amount | | 18 | verify that ink colour is not change after written | verify if pen upper side cap is missing then pen is useless | | 19 | verify the odour of the pen ink on writing over a surface | verify if the ink should not get overflow | | 20 | verify that the text written by the person should have consistent ink flow without leave blob | verify if pen socket is missing then pen is useless | | 21 | verify that pen ink should not leak in case it is tilted up-down | verify if the pen is store in freezer so pen ink is dry | | 22 | verify that on applying pressure pen needle is not break or separate from grip | verify if pen tip is sharp then on applying slightly pressure then page is break | | 23 | verify the functioning of the pen by applying normal pressure during writing | verify if pan stand is made up of plastic then it is easily breakable not use for hanging | | 24 | verify that written text is waterproof | verify if pen structure is square then on holds pen for long time period so its fil pain in hand | | 25 | verify that the user is able to write normally by tilting the pen at a certain angle instead of keeping it  straight while writing | Verify if colour of pen is faded then pen not beautiful | | 26 | verify that pen refills will be changed according to user | verify if pen area is small then pen not stable hold in hand | | 27 | verify that pen refills will be changed according to user | verify if on writing with gel pen water fell on and ink is spread | | 28 |  | verify if push button is missing then tick tik ball pen is not work | | 29 |  | verify if grip of pen missing then pen not look attractive | | 30 |  | verify if grip of pen is missing then we cannot hold on hand | | 31 |  | verify if refill is longer then pen then it makes sound because of all instrument are not tightly fixed | | 32 |  | verify if writing on wood then pen is not work on paper | | 33 |  | verify if on -off function of tick tock pen is doing again and again it will produce sound | | 34 |  | verify if flow of ink is slow then the speed of pen is very slow | | 35 |  | verify if cap of pen is missing then pen makes mark on pocket | | 36 |  | verify if pen edges are sharp then it will dangerous | | 37 |  | verify if in winter season the ink of pen is dry | | 38 |  | verify if colour of outer body of pen is faded then pen not look beautiful | |  |

Write scenario of pen stand

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| SRNO | TSET SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) |
| 1 | Verify the outer body material of pen stand like steel, wooden, plastic, stainless steel. | Verify if pen stand company name is invisible so to judge which company manufacture it |
| 2 | Verify the shape of pen stand like circular, rectangular shape, square shape | Verify if pen stan is made of plastic then it will breakable |
| 3 | Verify the height of pen stand | Verify if pen stand material Is glass then on falling down it is break |
| 4 | Verify the area of pen stand | Verify if material is wood then it fill rough |
| 5 | Verify the colour of pen stand | Verify if pen stand is size small then less number of pen is used in stand |
| 6 | Verify that bottom of pen stan is present or not | Verify if pen stand is coloured then its colour is faded after some time |
| 7 | Verify that layer of pen stand | Verify that separation in stand is missing then all pen is mixed |
| 8 | Verify that capacity of pen stand to hold numbers of pen | Verify that if inside light is missing cannot search pen inside it |
| 9 | Verify design of pen stand | Verify that bottom is missing then pen stand is un-useful |
| 10 | Verify the breadth of outer material | Verify that pen stan material steel then scratched on it |
| 11 | Verify the company name in pen stand | Verify if pen cap is missing and pen put on stand so due to ink bottom fill scratched. |
| 12 |  | Verify if bottom is not removable then dust is not removed |

Write scenario of lift

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| |  |  |  | | --- | --- | --- | | SRNO/LIFT | TEST CASE (POSITIVE) | TEST CASE (NEGATIVE) | | 1 | verify the type of lift whether it is hydraulic or traction elevator | verify if power supply is suddenly stop then the lift is stop | | 2 | verify the dimension of lift like length, breadth and height of lift | verify is rope of lift is old then there is heavy possibility of breakdown of rope | | 3 | verify the size of lift like rectangular, circular or square…etc | verify if help button is missing then we cannot make connect to at the time of emergency | | 4 | verify the type of metal is used for making lift like glass, steel…etc | verify if some object is placed between doors so lift is open at one place and other user are wating for it | | 5 | verify the design of lift of inner looking or outer looking | verify if wires and connector are damage then the lift may be stop at any time | | 6 | verify the capacity of the lift whether it is for 3,4,5,7…etc | verify if bad solenoid is used then lift would not able to work because solenoid actually control the lift | | 7 | verify the number of doors for lift whether it has only one or two | verify if alarm button is not work then security cannot know about location of lift | | 8 | verify the type of door use lift for inner like shutter format, slide format…etc | verify if lift is overloading then it can damage the machinery and caused it to break down | | 9 | verify the type of door use for outer side of lift like shutter format, slide format . . . etc | verify if emergency button is click on between two floors so the lift is stop at that place | | 10 | verify the material used for formation of lift like it will be glass, metal, steel…etc | verify if fan is not present in lift so there will be suffocation | | 11 | verify the number of buttons for going to specific floor like 2,3,4,6,8,9. . . etc | verify if light fuse is damaged then the light is not working and so will be darkness inside lift | | 12 | verify the floor material used like glass, wooden…etc | verify if rope is damaged then the lift may be fall down | | 13 | verify the button in the lift to close and open the door | verify if at the down side of the door there is dust then door should take time for open and closing | | 14 | verify that the lift stops when the up/down buttons on a particular floor are pressed | verify if the fan button is not working then fan is not start | | 15 | verify if there is an emergency button to connect official in case of any mishap | verify if door sensor is not working properly then if person is present between doors so it will harmful for the person | | 16 | verify the performance of the floor -the time taken to go to floor | verify if key of lift is not working then lift is not open at the time of emergency | | 17 | verify the location for fixing of light, fan and ac | verify if light button is not working then there is darkness inside lift | | 18 | verify the number of lights used in inner side of lift | verify if weight sensor is not working then it would not able to alert at time of overloading | | 19 | verify the size of fan which is used in inner side of lift | verify if outside lift screen is not work then user cannot find the location of lift | | 20 | verify that in case of power failure, the lift does not free fall and gets halted on the particular floor | verify if speed governor is not working then lift starts to move too quickly, the speed controller cannot activate brake | | 21 | verify lift working in case the button to open the door is pressed before reached the destination floor | verify if speed of lift is slow/fast then it will harmful for user | | 22 | verify the door is closed or not when some object is placed between door | verify if lock is not proper of lift so we should not open lift at the time of emergency | | 23 | verify the time taken for which the door remains open by default | verify if door open and close button is not work then user cannot open/close door in time | | 24 | verify that at no point the lift door should open while in motion | verify if door operator system is not working then there is difficulty for open and closing the door | | 25 | verify that in case of power loss, there should be a backup mechanism to safety get into a floor or a backup  power supply | verify if in inside the lift there is not written about maximum person and weight capacity then there is heavy possibility of  overloading | | 26 | verify that in case the multiple floor number buttons is clicked, the lift should stop on each floor | verify if call button is not work then user cannot connect with security | | 27 | verify in case of above capacity limit user are present then warning alert-visual/audio is playing or not | verify if lift door length is small then longer person cannot enter the lift | | 28 | verify that lift motion indication and information about at which floor reached | verify if lift door breadth is small then healthy person cannot enter in lift | | 29 |  | verify if inside the lift LED light is used and if some of them is not work then it looks so bad | | 30 |  | verify if upper side fan is not covered with net, then it became harmful for user | | 31 |  | verify if at the time of power supply break sufficient backup for restart the lift is not present then user suffer from problem | | 32 |  | verify if speaker cannot give information about the lift reach at which floors so blind person cannot find location about lift | | 33 |  | verify if user click on any floor button and if button outside light is not blink then user cannot judge that this button is work or not | | 34 |  | verify if outside user click on stop button then if inside user cannot know about outside user click on stop button so it is functionality defect | | 35 |  | verify if lift floor level and floor level is not same then user may be fall down | | 36 |  | verify if lift is made of wooden then in rainy season wood is swell and alignment of lift is disbalance | | 37 |  | verify if lift door is in shutter format so children hand may be injured | | 38 |  | verify if door type is shutter then on touch the door there is grease which come on hand | | 39 |  | verify if lift is made of glasses so at the time fall down it is very harmful for user because glass is break | | 40 |  | verify if lift produce sound at the time of working then user may be irritated | | 41 |  | verify if floor button number is invisible then user cannot find out the button floor number | | 42 |  | Verify if digital camera is not work then security cannot know about information of inside lift | | 43 |  | verify if in monthly maintenance is not proper then lift may be stop working | | 44 |  | verify if mirror is break inside the lift so it became harmful for user | |  |

Write a scenario of door

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| |  |  |  | | --- | --- | --- | | SRNO/DOOR | TEST SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) | | 1 | verify the type of door like double door, single door or bi- folded door | verify if the door lock is not work in rainy season because of rusting | | 2 | verify the type of door like sensor door, automatic door or manual door | verify if the door is not closed proper in rainy season because the door is swelled | | 3 | verify the door is on both side inward or outer side of house | verify if the door handle is broken then door is not open and closed | | 4 | verify the door opens inwards or outwards, both side open or up open | verify if door stoper in missing then door in closed automatically | | 5 | verify the shape of door whether it is rectangular or round shape | verify if backside of door the magnet hold is missing then door is not holding backside | | 6 | verify the material used in the doors whether it is plastic, wooden, glass door, metal door…etc | verify if the door material is metal then it makes sound at time of opening and closing | | 7 | verify the length of door | verify if the door material is metal and colour of door is vanished then it makes sound | | 8 | verify the breadth of the door | verify if door material is brittle then it is easily to break | | 9 | verify the design of the door | verify if the door lock is fixing with screw and if one of the screws is missing then then the lock in not work proper | | 10 | verify the position, quality and strength of the hinges | verify if the door stopper is fixed with screw and one of the screws is remove then stoper in not work proper | | 11 | verify the colour of the door | verify if the door lever is missing the then the door is not closed until user no closed | | 12 | verify the number of locks in the door interior side or exterior side | verify if the bolt of the door is only at one-side so door is locked only from one side | | 13 | verify the type of lock like normal lock or fixed lock | verify if door spring is missing then door does not close | | 14 | verify the size of the lock whether it is small or large in size | verify if the screw of bolt the door is missing then door is not closed | | 15 | verify the design of the lock | verify if lenses are scratch then inner person cannot visible clearly outside | | 16 | verify the position of lock on the door | verify if the lenses are dusted then not possible to look outer side | | 17 | verify the door is having peek hole or not | verify if the one of screw is missing of door handle so door handle not work proper | | 18 | verify the design of the peek hole | verify if door is made of wood and its surface is not smooth then it will be harmful | | 19 | verify the position for peek hole | verify if door weight is more then it not possible to open or close | | 20 | verify the design of handle for door open and close | verify if door has only upside lock so door is not properly closed | | 21 | verify the handle material whether it is metal or stainless steel | verify if door is made of plastic so it damaged easily | | 22 | verify the position for handle in the door | verify if door material is plastic so on incident of sun ray door should be damaged | | 23 | verify the door close automatically or not spring mechanism | verify if door attached to wall tightly if one of screw is missing then door separate from wall | | 24 | verify the door stopper design | verify if door lock key is missing then door is not open | | 25 | verify the door stopper position on lower side of the door | verify if sun ray incident on the door so colour of door is faded and door not look beautiful | | 26 | verify the door makes noise when open or closed | verify if door stoper rubber is finished by using then we cannot stop door at one place | | 27 | verify the amount of force full or push required to open or close the door | verify door material is glass then on rubbing metal it makes scratch on door | | 28 |  | verify if metal door is not painted so in rainy season, it is rusted | | 29 |  | verify if length of door is small then longer person head touch the door | | 30 |  | verify if breadth of door is small then healthy person cannot enter inside | | 31 |  | verify if door handle length is small then a person cannot hold handle of door | | 32 |  | verify if in double door if one door is missing then door should not close | | 33 |  | verify if length of door is bigger so it is not possible to clean the door from upper side | | 34 |  | verify if plastic door is very light in weight so at the time of closing with high speed so door should be separate from wall | |  |

Write a scenario of ATM

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| |  |  |  | | --- | --- | --- | | SRNO/ATM | TEST SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) | | 1 | verify the type of ATM machine if it is touching screen, keypad button only or | verify if touch of ATM is not work then we cannot operate ATM properly | | 2 | verify that on properly inserting a valid card different banking options appear on the screen | verify if screen is scratch then user cannot watch properly | | 3 | verify that no option to continue and enter credentials is displayed to the user when the card is inserted incorrectly | verify if paper is finished inside then receipt is not given to user | | 4 | verify that the touch of the ATM screen is smooth and operational | verify if one of the buttons is not work then machine is not useful | | 5 | verify that all labels and controls including boxes, images and link are present on the screen | verify if all button function is not written properly then we cannot use it | | 6 | verify that the informative text written displayed on the screen is clearly visible | verify if cash money stores are not locked then theirs will be robbery | | 7 | verify that the user is presented with the option to choose a language for further operations | verify if magnetic link is finished then receipt is not printed | | 8 | verify that the user is asked to enter a pin number before displayed any card/ bank account detail | verify if one of pair of lower side is missing then ATM cannot stand properly | | 9 | verify that there is a minimum number of attempts up to which the user is allowed to enter the pin code | verify if on enter card inside the ATM machine then light should be blink so that user know that enter card  in right way | | 10 | verify that if total number of incorrect pin attempts gets completed then the user is not allowed to continue further. | verify if cash money is not store then it is not useful for withdrawing money | | 11 | verify that the when enter pin it cannot displayed on the screen | verify if ATM is connected with wi-fi then if connection is not stable the n there is difficulty in using machine | | 12 | verify that the user is presented with different account type like saving, current…etc | verify if ATM is cut or damaged from one of side then it is not useful for user | | 13 | verify that the user is allowed to get information about account details like available balance | verify if machine is not work on automation so we have to use its key for further process | | 14 | verify that the correct amount of money gets withdraw as entered by the user for cash withdraw | verify if power supply is not proper then it does not work properly | | 15 | verify that the user is only allowed to enter the amount in multiple denomination | verify if screen is small then there is difficulty in use it because some user suffers from eyesight problem | | 16 | verify that the user is prompted to enter the amount again in case the amount enter is less than the minimum amount | verify if ATM has small sized then user height then user has to bend | | 17 | verify that if user enter amount more than the available amount then a proper message is come | verify if user height is small then ATM height then it is very difficult for user | | 18 | verify that the user is provided the option to get the transaction details in printed form | verify if buttons of ATM are not press easily then user press button with pressure so it is time consuming | | 19 | verify the user session timeout is maintained | verify if speaker is not working then blind person how to know money is withdraw or debit to bank | | 20 | verify that the user is not allowed to exceed one transaction limit amount | verify if light on button is not work then user don’t know on particular button work or not | | 21 | verify that the user is allowed to exceed the one-day transaction limit amount | verify if user can withdraw a limited amount of money so at the time of emergency user may suffer from  various problem | | 22 | verify that the user is allowed to do only one transaction per pin requested | verify if limited amount is present on ATM because there is risk of robbery | | 23 | verify that in case the ATM machine runs out of money, a proper message is displayed to the user | verify if card one day use limit is finished then user cannot use it for further needs | | 24 | verify that the application fee gets deducted along with the withdraws amount in case the user exceeds the limit of the number  of free transaction in a month | verify if written text is in small size then there is difficult to watch text proper | | 25 | verify that the application fee is deducted along with withdraw amount in case the user uses a card of another bank than in an ATM | verify if amount less than 500 rupee is not withdrawal from ATM | | 26 | verify that the user is not allowed to proceed with the expired ATM card and a proper - error message gets displayed | verify if some time server is week so user cannot use machine and transaction is failed | | 27 | verify that in case of sudden electricity loss before withdraw cash, the transaction is marked as null and the amount is not  withdraw from the users account | verify if sometime damaged currency is withdrawal from machine so it problematic for user | | 28 |  | verify if one the machine is stand then we cannot change its position | | 29 |  | verify if user forgot to click on cancel button buttons so next user can see transaction information | | 30 |  | verify if card reader is not work then card is not detected and process not forward | | 31 |  | verify if proper process for using ATM is not given so it is difficult for those users who go first time for  withdrawing or deposit money | |  |

Write a scenario of microwave oven

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| |  |  |  | | --- | --- | --- | | SRNO/MOCROWAVE | TEST SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) | | 1 | verify that for what use microwave is required whether it is for house or business purpose | verify if wire connection is old then oven is not worked | | 2 | verify if type of oven whether it is touch or manual | verify if company name sticker is missing then we cannot know about it | | 3 | verify the company and brand name | verify if power supply is lower voltage so oven is not work | | 4 | verify that the dimension of the oven | verify if proper utensil is not use then their will burning problem | | 5 | verify the material is optimal for its use as an oven | verify if handle of oven is missing then user cannot open or close gate | | 6 | verify that the oven heats the food at the desired temperature properly | verify if proper instruction is not visible then there is problem in operating it | | 7 | verify that the oven heats food at desired temperature within specific time | verify if number is not visible in temperature button we cannot increase/decrease temperatures according to our need | | 8 | verify the oven functioning with minimum attainable temperature | verify if colour of oven has light colour or black colour then it easily dusted | | 9 | verify that the oven plate is rotate speed is optimal and not too high to spill the food kept over it | verify if switch is missing then we cannot on/off the oven | | 10 | verify that the ovens door gets close properly | verify if timer is set then oven is automated off or not | | 11 | verify the gate of oven is properly close or not | verify if outer body is heated then timer switch, on/off button may be melted | | 12 | verify the colour of the oven | verify if plate is not cleaning because it is fixed at one position | | 13 | verify that the ovens door is open or close smoothly or not | verify if wire of oven is small so its position is near at plug position and we cannot change position of oven | | 14 | verify that battery requirement of the oven and check that it functions smoothly at that power | verify if weight of oven is heavy then we cannot change the position of oven | | 15 | verify that the text written is clearly visible | verify if limited capacity of oven so we cannot cook for larger amount | | 16 | verify that the temperature regulator works correctly | verify if oven emit harmful radiation so it is harmful for human health | | 17 | verify the maximum capacity of the oven and test its functioning with that volume of food | verify if inside plate of oven is not rotate smoothly then it makes sound | | 18 | verify the oven functionality with different kind of food like solid and liquid | verify if gate of oven is not transparent then we cannot see the plate is rotate or not | | 19 | verify the ovens functionality with different food at different temperature | verify if inside blub is off then user cannot know that gate is close or not | | 20 | verify the ovens functionality with different kinds of container material | verify if grid line design is paste on food items so sometime it not looking good | | 21 | verify that the power cord of the oven is long enough | verify if power supply is at low voltage so food is not cooked proper | | 22 | verify that the usage instruction or user manual have clear instruction | verify if wire is cut or damaged then it will be harmful for user | | 23 |  | verify if hand gloves are missing then at time of take cooked food outside it will burn user hand | | 24 |  | verify if there is not speaker used then we cannot know over food is cooked | | 25 |  | verify if touch of oven is not proper work so we cannot operate oven | | 26 |  | verify if forgetting to off the oven then theirs will be risk of wire | | 27 |  | verify if cooking surface should be break down when exposed to high heating | | 28 |  | verify if oven does not have proper child safety and locking mechanism then there is high risk of any damaged | | 29 |  | verify if proper magnet not work then the gate of oven is not closed | | 30 |  | verify if knob node handles should not have heat-resistance then user may be burn | | 31 |  | verify if user is stand directly against an oven so warm heat burn user | | 32 |  | verify if microwave is operator when door is open, if door is bent then damaged the user | | 33 |  | verify if user cooked eggs so it will explode when pressure is increased | | 34 |  | verify if oven off/on indicator is not work then user cannot know that food is cooked or not | | 35 |  | verify if one of stand in lower side is missing then microwave does not stand proper | | 36 |  | verify if microwave is time consuming because at one time only one dish is ready | | 37 |  | verify if microwave occupied large amount of space | |  |  | verify warning alarm at the time of any risk | |  |

Write a scenario of coffee vending machine

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| |  |  |  | | --- | --- | --- | | SRNO/COFFE MACHINE | TEST SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) | | 1 | verify the type of machine whether it is manual or automation | verify if water is finished in inside bottle so inside machine is burn | | 2 | verify the dimension of coffee machine | verify if switch is missing then we cannot operate machine | | 3 | verify that outer body as well inner parts material | verify if pressure is set more the coffee will burn | | 4 | verify the machine brand | verify if safety fall is missing then the rod will be burn and may be blast | | 5 | verify the colour of coffee machine | verify if water heater is missing so coffee should not made | | 6 | verify the input mechanism for coffee ingredient-milk, water, coffee beans /powder…etc |  | | 7 | verify that the quantity of hot water, milk, coffee powder per serving is correct | verify if filter is blocked then water supply is not smoothly into coffee maker | | 8 | verify the power requirements of the machine | verify if machine not maintain consistent temperature so extracted coffee resulting in a subpar taste | | 9 | verify the effect of suddenly switching off the machine or cutting the powder. The machine should stop in that situation and  in power resumption, the remaining coffee should not get come out of the nozzle | verify if in nozzle there is leakage then there is wastage of water and coffee | | 10 | verify that coffee should not leak when not in use | verify if grinder malfunctions are not work so it disturbed your coffee production | | 11 | verify the amount of coffee served in single-serving | verify if your steam wind is not producing sufficient stem then it may be clogged with milk | | 12 | verify that the digital displays correct information | verify if switch mechanism is not working according to it has then theirs will be difficulty in operate | | 13 | verify the machine can be switched on and off using the power buttons | verify if coffee vending machine can occupy large amount of space | | 14 | verify that the functioning of all the buttons works properly when pressed | verify if sticker of company is not present then user cannot know about it | | 15 | verify that each buttons have an image/text with it, indication the task it performs | verify if outside body is not heat resistance then outer body may be melted and we cannot use to press button | | 16 | verify that complete quantity of coffee should get poured in a single operation, no residual coffee should be present in nozzle | verify if smoke alarm and heated detectors are not work then there is risk in safety | | 17 | verify the mechanism to clean the system work correctly | verify If one of stand in lower side is missing then machine does not stand proper | | 18 | verify that system should display an error when it runs out of ingredient | verify if warning instruction is not visible then it will be harmful for user in future | | 19 | verify that pressing the coffee buttons multiple times, leads to multiple serving of coffee | verify if instruction of use coffee machine is not visible then user cannot user it properly | | 20 | verify that there is the passage for residual/extra coffee in the machine | verify if at low voltage machine is not work so make sure for proper backup | | 21 | verify that the machine should work correctly in different climate, moisture and temperature condition | verify if machine is manual and all switch is not work then user does not use it | | 22 | verify that the machine should not make too much sound when in operation | verify if machine is manual then all switch work description is not visible then user cannot use it | | 23 | verify the amount of time the machine takes to serves a single serving of coffee | verify if touch screen is not work smoothly then theirs will be difficulty in use | | 24 | verify the performance of the machine when used continuous until the ingredients run out of the requirement | verify if touch screen is dusted then user cannot use it | | 25 |  | verify if machine is automated and sensor of stop coffee draining is not work then hand user may burn | | 26 |  | verify if machine colour is light and black then it is easily dusted | | 27 |  | verify if machine weight is heavy then user cannot change place | | 28 |  | verify if cup stand is missing then user cannot put cup and at time of filling cup user may be burn | | 29 |  | verify if cup stand size is small then user only use small cups | | 30 |  | verify if machine wire is cut or damaged then it will harmful for user | | 31 |  | verify if nozzle is dusted then flow of coffee from machine to cup is slow | | 32 |  | verify if cup is full and switch is on so coffee is flow outside the mug and if there is not proper drainage then wear dress is duty | | 33 |  | verify if machine does not stand on proper height so it will harmful for child | | 34 |  | verify if upper side is open then machine is not run | | 35 |  | verify if wire of machine is short in length so machine stand only on one position | | 36 |  | verify if pipe from which tea come outside is not clean | | 37 |  | verify if in this machine we use for tea, coffee, hot water so all this will not mix at time of use | | 38 |  | verify if flow of coffee is not frequently then it is time consuming and may be coffee drop come-out from mug and cloth will be dirty | | 39 |  | verify if it is harmful for health because large amount of coffee goes inside the body | |  |

Write a scenario of wrist watch

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| |  |  |  | | --- | --- | --- | | SRNO/WRIST WATCH | TEST SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) | | 1 | verify the type of watch analogy or digital | verify if cell is old then watch is not work | | 2 | verify the material of the watch and its strap | verify if crown of watch is missing then we cannot adjust time | | 3 | verify the correctness time display by the minute, second and hour hand of the watch | verify if watch belt material is made of plastic so it effected on the hand in summer season | | 4 | verify the digital watch display for hours, minute and second is correctly | verify if upper glass paper is missing then glass is scratch | | 5 | verify the brand of company | verify if weight of watch is heavy then its fil so bad | | 6 | verify the number of stick show in dial watch like one, two, three | verify if one of stick in inside watch is missing then do not show correct time | | 7 | verify the shape of dial of watch whether it is circular, square. . . etc | verify if watch is dropping from a specific height so watch is damaged | | 8 | verify the dimension of watch | verify if watch buckle is missing then watch belt is not fixed | | 9 | verify the weight of watch | verify if watch buckle tongue is missing then watch belt is not tight | | 10 | verify the watch is waterproof or not | verify if case back is missing then watch is not fill comfortable on hand | | 11 | verify that the number in the dial are clearly visible or not | verify if free loop is missing then belt is not fix | | 12 | verify the watch upper part is covered by glass or plastic | verify if distance between two adjustment hole is large then it is difficult to fix it | | 13 | verify the watch show date, day or not | verify if colour of watch is light then after some time colour is look dirty | | 14 | verify the colour of text displayed in the watch time, day, date | verify if dimension of watch is bigger so its fil bothers on hand | | 15 | verify the colour of stick which show minute, second and hour | verify if cell is placed inside watch longer time so it is rusted | | 16 | verify the clock time should be corrected by using side key or button of digital watch | verify if watch material is leather so there is stretch on the belt | | 17 | verify the second hand of the watch make ticking sound or not | verify if dusting in inside glass so we cannot watch proper time | | 18 | verify the clock is having stopwatch, timer and alarm functionality or not | verify if watch belt size is more then it will be louse in hand | | 19 | verify watch come with guarantee or warranty | verify if dusting in inside machine so watch cannot work proper | | 20 | verify inside watch light is show or not | verify if water go inside the machine so watch is stopped | | 21 | verify the watch upper glasses is covered with safe glass paper or not | verify if watch upper glass is scratch then cannot see proper time | | 22 |  | verify if number in inside the watch are not proper visible then we cannot find out time | | 23 |  | verify if company name is erased so we cannot find brand of watch | | 24 |  | verify if watch material is metal and both sweat of hand and dust go inside belt gap so watch looking ugly | | 25 |  | verify if upper glass is missing then watch not looking good | | 26 |  | verify if inside dial only 4 number like 3,6,9 and 12 are given so we cannot judge proper time | | 27 |  | verify if watch day and date are not change automatically then user cannot know actual day and date | | 28 |  | verify if month of only 29 days in February so 1 march we have to adjust day and date so it sometime irritating process | | 29 |  | verify if in dial has only 4 large size dots then we cannot know proper time | | 30 |  | verify if watch colour is black or white then watch easily dirty and black colour absorb heat so it is not good | | 31 |  | verify if on circumference of dial if one of diamond is missing then it not looks good | | 32 |  | verify if tik tock sound is not come then we cannot knob watch is working or not | | 33 |  | verify if case back of watch is free so it may be fall anytime and anywhere | | 34 |  | verify in inside dial has missing one of diamond then watch does not look good | | 35 |  | verify if belt is made of plastic so it is not use for long time period because it breaks after some time | |  |

What is GUI

Graphical user interface (GUI) is the process of testing the system’s GUI of the system under test. GUI testing involves checking the screen with the control like menus, buttons, icons, and all type of bars-tool bar, menu bar, dialog boxes and window

What is stress testing

Stress testing is also known as endurance testing. System is stressed beyond its specification to check how and when its fails. Performed under load like putting large number beyond storage capacity, complex database queries, continuous input to system or database load.

Stress testing is used to test the stability and reliability of the system.

What is load testing

Load testing is also known as volume testing / scalability 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. This testing helps determines how the application behaves when multiple user access it simultaneously.

When should be “regression testing” be performed

Regression testing is doing at the time when your software application it undergoes a code change to ensure that the new code has not affected other parts of the software.

What is stress testing

Stress testing is also known as endurance testing. system is stressed beyond its specification to check how and when it fails. Performed under heavy load like putting large number beyond storage capacity, complex quires, continuous input to system or database load.

Stress testing is used to test the stability and reliability of the system.

When should “regression testing” be performed

Regression testing is performed due to some of this reason which are given below

* New feature is added to the software.
* Defect fixing
* Performance issue fix
* When code is modified according to requirement
* When requirement is change

What is alpha testing

ALPHA TESTING is a type of software testing performed to identify bugs before releasing the software product to the real user or public. It is a type of acceptance testing. The main objective of alpha testing is to refine the software product by finding and fixing the bugs that were not discovered through previous test. It comes under the category of both white box testing of developers.

This testing is referred to as an alpha testing only because it is done early on, near the end of the development of the software, and before beta testing

What is beta testing

Beta testing is an opportunity for real users use a product in a production environment to uncover any bugs or issues before a general release.

Beta testing is the final round of testing before releasing a product to a wide audience. the objective is to uncover as many bugs or usability issues as possible in this controlled setting. Beta testing is also the form of acceptance testing and it is only a kind of black box testing.

What is bug life cycle

A computer bug is an error, mistake, failure, fault in a computer program that prevent it from working correctly or produces an incorrect result. Bugs arise from mistakes and errors, made by people, in either a program 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 bug (defect) life cycle.

What is severity

Severity is absolute and customer focused. It is the extent to which the defect can affect the software, in other word it defines the impact that a given defect has on the system

What is priority

Priority is relative and business focused. Priority defines the order in which we should resolve a defect. Should 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. The priority status is set based on the customer required.

What is difference between severity and priority

|  |  |
| --- | --- |
| Severity defect | Priority defect |
| Severity is absolute | Priority is relative |
| Severity is customer focused | Priority is business focused |
| Severity types- critical, major (high), moderate (medium), minor (low), cosmetic | Priority types – low, medium, high, critical |

Create HLR and test case of Instagram (first page)

|  |  |  |
| --- | --- | --- |
| Functionality id | FUNCTIONLITY NAME | DESCRIPTION |
| 1 | Check app download from play store | While download from play store app is download and icon is proper visible |
| 2 | Check log in button | While enter write credential and click login button then user account is open with name |
| 3 | Check forgotten password button | While we click on forgot password fill username/email address or mobile number and then click on continue button |
| 4 | Check create new account | While click on create anew account then sing up with mobile number/ email address then SMS is come |

Test case

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST CSAE ID | FUNCTIONALITY ID | TEST CASE NAME | PRICONDITION | STEP | DATA TEST | EXPECTED RESULT | ACTUAL RESULT | STATUS |
| 1 | 1 | Check download application from play store | Play store, internet and application are in working mode | Download application | NA | Application is download | As expect result | Pass |
| 2 | 2 | Check login button | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: jainmansi240@gmail.com  Password: 8779898mansi | To display proper validation message | As expect result | pass |
| 3 | 2 | check login button with null/blank value | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username:  Password: | To display proper validation message | Do not show proper validation message | fail |
| 4 | 2 | check login button with only username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: [jainmansi240@gamil.com](mailto:jainmansi240@gamil.com)  Password: | To display proper validation message | as expect result | pass |
| 5 | 2 | check login button with only password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username:  Password: 15678mansi | To display proper validation message | As expect result | pass |
| 6 | 2 | check login button with special character | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | username: !@@#$$%%^  password: !@#$%&\*&^ | To display proper validation message | As expect result | Pass |
| 7 | 2 | check login button with only special character password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: !@@##$$%%%^  Password: | To display proper validation message | As expect result | pass |
| 8 | 2 | check login button with wrong username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: xgyykdyuh | To display proper validation message | As expect result | pass |
| 9 | 2 | check login button with wrong password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: [jainmansi240@gmail.com](mailto:jainmansi240@gmail.com)  Password: grfkgjytyfh | To display proper validation message | As expect result | pass |
| 10 | 2 | check login button with long username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: xhdkue67667878dggvh | To display proper validation message | As expect result | pass |
| 11 | 2 | check login button with long password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username : [jainmansi240@gmail.com](mailto:jainmansi240@gmail.com)  Password: 1324476809876e4uyt | To display proper validation message | As expect result | pass |
| 12 | 2 | check login button with number in username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username : 1235466545456  Password: 2345678876576 | To display proper validation message | As expect result | pass |
| 13 | 2 | check login button with number in password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: [jainmansi240@gmail.com](mailto:jainmansi240@gmail.com)  Password:123456787 | To display proper validation message | As expect result | pass |
| 14 | 2 | check login button with wrong username and password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: asdfghjk  Password: qwerty3456756 | To display proper validation message | As expect result | pass |
| 15 | 2 | Check login button with space in username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: mansi\_jn 2344  Password: 998362099 | give validation message and Instagram is not login | Does not show proper validation message and account is login with wrong user name | fail |
| 16 | 2 | Check login button | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: mansi\_jn234  Password: 34567 68vjhhf | Give proper message | Does not give proper validation message and account is login with wrong password | fail |
| 17 | 2 | Check login button | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: mansijn 537  password: 56677 8887 7y87 | Give proper validation message | Does not give proper validation message it show only username is wrong but not show password d is wrong | fail |
| 18 | 3 | Check forgot button | Play store, internet and application are in working mode | 1)download app  2) click login button  3)click forgot button | NA | While click on forgot button ask to fill username/number/email and send code and then reset password | As expect result | pass |
| 19 | 4 | Check create button | Play store, internet and application are in working mode | 1)download app  2) click login button  3)click on create account | Mobile number | While click on create an new account fill mobile number and send a code | As expect result | pass |
| 20 | 4(1) | Check next button | Play store, internet and application are in working mode | 1)download application  2)create a new account | NA | While click on next button create a password | As expect result | pass |
| 21 | 4(2) | Check next button | Play store, internet and application are in working mode | 1)download application  2)create a new account | NA | While click on next button ask save login info and also ask user name | As expect result | pass |
| 22 | 4(3) | Check next button | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | NA | While click on next button ask to create a new username of user | As expect result | pass |
| 23 | 4(4) | Check agree button | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | NA | While click on agree button ask to agree all condition and account is create | As expect result | pass |

Write HLR and test case of face book application

|  |  |  |
| --- | --- | --- |
| FUNCTIONALITY ID | FUNCTIONLITY NAME | DESCRIPTION |
| 1 | Check app download from play store | While download from play store app is download and icon is proper visible |
| 2 | Check log in button | While enter write credential and click login button then user account is open with name |
| 3 | Check forgotten password button | While we click on forgot password fill username/email address or mobile number and then click on continue button |
| 4 | Check create new account | While click on create a new account then sing up with mobile number/ email address then ask for username and date of birthday |

TEST CASE OF FACE BOOK

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST CASE ID | FUNCTIONALITY ID | FUNCTIONALITY NAME | PRECONDITION | STEP | TEST DATA | EXPECTED RESULT | ACTUAL RESULT | PASS |
| 1 | 1 | Check download application from play store | Play store, internet and application are in working mode | Download application | NA | Application is download | As expect result | Pass |
| 2 | 2 | Check login button | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: jainmansi240@gmail.com  Password: 8779898mansi | To display proper validation message | As expect result | pass |
| 3 | 2 | check login button with null/blank value | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username:  Password: | To display proper validation message | Do not show proper validation message | fail |
| 4 | 2 | check login button with only username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: [jainmansi240@gamil.com](mailto:jainmansi240@gamil.com)  Password: | To display proper validation message | as expect result | pass |
| 5 | 2 | check login button with only password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username:  Password: 15678mansi | To display proper validation message | As expect result | pass |
| 6 | 2 | check login button with special character | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | username: !@@#$$%%^  password: !@#$%&\*&^ | To display proper validation message | It show no account found but cannot show pasword | fail |
| 7 | 2 | check login button with only special character password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: !@@##$$%%%^  Password: | To display proper validation message | As expect result | pass |
| 8 | 2 | check login button with wrong username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: xgyykdyuh | To display proper validation message | As expect result | pass |
| 9 | 2 | check login button with wrong password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: [jainmansi240@gmail.com](mailto:jainmansi240@gmail.com)  Password: grfkgjytyfh | To display proper validation message | As expect result | pass |
| 10 | 2 | check login button with long username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: xhdkue67667878dggvh | To display proper validation message | As expect result | pass |
| 11 | 2 | check login button with long password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username : [jainmansi240@gmail.com](mailto:jainmansi240@gmail.com)  Password: 1324476809876e4uyt | To display proper validation message | As expect result | pass |
| 12 | 2 | check login button with number in username | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username : 1235466545456  Password: 2345678876576 | To display proper validation message | As expect result | pass |
| 13 | 2 | check login button with number in password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: [jainmansi240@gmail.com](mailto:jainmansi240@gmail.com)  Password:123456787 | To display proper validation message | As expect result | pass |
| 14 | 2 | check login button with wrong username and password | Play store, internet and application are in working mode | 1)download application  2)enter username and password  3)click login button | Username: asdfghjk  Password: qwerty3456756 | To display proper validation message | As expect result | pass |
| 15 | 3 | Check forgot button | Play store, internet and application are in working mode | 1)download app  2) click login button  3)click forgot button | NA | While click on forgot button ask to fill username/number/email and send code and then reset password | As expect result | pass |
| 16 | 4 | Check create new account button | Play store, internet and application are in working mode | 1)download app  2) click login button  3)click on create account | Mobile number | While click on create an new account then ask to fill user name and date of birthday | As expect result | pass |
| 17 | 4(1) | Check next button | Play store, internet and application are in working mode | 1)download application  2)create a new account | NA | While click on next button then ask to fil gender and mobile number | As expect result | pass |
| 18 | 4(2) | Check next button | Play store, internet and application are in working mode | 1)download application  2)create a new account | NA | While click on next button ask to create a new password and also ask for save info | As expect result | pass |
| 19 | 4(3) | Check agree button | Play store, internet and application are in working mode | 1)download application  2)click on create an new account | NA | While click on agree button ask to agree all condition and account is create | As expect result | pass |

Write a scenario of g-mail (receiving mail)

|  |  |  |
| --- | --- | --- |
| SRNO | TEST SCENARIO (POSITIVE) | TEST SCENARIO (NEGATIVE) |
| 1 | Verify that g mail icon is proper visible | Verify if due to network, there may be delay in receiving mail |
| 2 | Verify to fill valid email id and password | Verify if mail come as span so user cannot get notification of receiving mail |
| 3 | Verify that a new received email is displayed as highlighted in the inbox section | Verify if when user read the mail but counting of mail unread is not decrease. It shows only 99+ mail. |
| 4 | Verify that a new received email has correct display sender email id or name, mail subject and mail body | Verify if user can receive mail but the counting of unread mail is not increased. It shows only 99+ mail |
| 5 | Verify that on click new received email the user is navigate to email content | Verify if that the user find a lack of option for customizing the layout |
| 6 | Verify that email content are correctly displayed with the desired source formatting | Verify if total number of received mail does not match to the actual number of mail in the mailbox |
| 7 | Verify that any attachments are attached to the email and are downloadable | Verify if the order of received email change unexpecting affecting user organisation |
| 8 | Verify that downloadable attachments are scanned for virus before download | Verify if filter are fail to organizes email correctly as per defined rules |
| 9 | Verify that the email is marked or not | Verify that the g-mail received mail page experienced loading times and also user frustration |
| 10 | Verify that g-mail page is refresh or not |  |
| 11 | Verify that multiple mail is delete |  |
| 12 | Verify that user can move email to different folders or labels |  |
| 13 | Verify that email is archived |  |
| 14 | Verify that archived email are moved out of the inbox |  |
| 15 | Verify that inbox’s functionality to mark emails as read or unread |  |
| 16 | Verify the functionality of the “primary”, “social”, “promotions” and other categorized tabs |  |
| 17 | Verify that users can customized inbox display setting |  |
| 18 | Verify that user can block the other user mail id |  |
| 19 | Verify that undo is working or not |  |

Write a scenario of online shopping to buy product (flip cart)

|  |  |  |
| --- | --- | --- |
| SRNO | TEST SCENARIO (positive) | Test scenario (negative) |
| 1 | Verify to downloads the application from play store | Verify if we click on flip kart icon then there will come that “write a message……”which is not write |
| 2 | Verify that the company logo and name are proper visible | Verify if some location pin code is not available |
| 3 | Verify user is navigate through all the products across different categories | Sometime it’s show so many images of product |
| 4 | Verify that all the link and banners are redirecting to the correct product/ category pages and none of the links are broken | Verify is sometime it’s not shows how many numbers of product is available |
| 5 | Verify that user can watch product description properly | Verify if sometime it show invalid product |
| 6 | Verify that all images of product is properly visible | Verify if that the product review and rating failed to load due to bad connection |
| 7 | Verify that relevant product is shown below selected product image | Verify if that the product not added to cart even after clicking the add to cart |
| 8 | Verify that on search product all related product image is come on page |  |
| 9 | Verify that the correct count of total product is displayed on the category pages |  |
| 10 | Verify that liked product is add to your wish listed |  |
| 11 | Verify that filter category the product which user required |  |
| 12 | Verify that filter show right number of selected category |  |
| 13 | Verify that according to user need it choose price range |  |
| 14 | Verify that user choose category of product size |  |
| 15 | Verify that user choose discount range |  |
| 16 | Verify that user select the brand of product |  |
| 17 | Verify that user select the colour of product |  |
| 18 | Verify that add product add to cart |  |
| 19 | Verify that share the selected image to other one |  |
| 20 | Verify that key highlights of product |  |
| 21 | Verify that use can play a VEDIO of product |  |

Write scenario of WHATSAPP group (generate group)

|  |  |  |
| --- | --- | --- |
| SRNO | TEST SCENARIO(POSITIVE) | TEST SCENARIO (NEGATIVE) |
| 1 | Verify to download and install the application from play store | Verify if draft message is not seen after closing chat |
| 2 | Verify that application icon is proper visible | Verify that draft message is written so after writing it is not come on top position |
| 3 | Verify if new registration number, fill required information and a code is come on mobile number | Verify if draft message is not saved. |
| 4 | Verify that number is already registered then fill only code and backup all data. | Verify if admin want to change group name, previous name is erased on type anything which is wrong. |
| 5 | Verify that user can create a new group by choosing multiple contact. | Verify if user watch past member so it looks “search………” is not write |
| 6 | Verify that user can add a member in a group | Verify if user change group name and description then chat is not come on top of chat but message is come of changing it |
| 7 | Verify that user make a multiple group admin |  |
| 8 | Verify that user make a name of group |  |
| 9 | Verify that user choose the image for DP |  |
| 10 | Verify that user can remove contact from group |  |
| 11 | Verify that user can exit from group |  |
| 12 | Verify that user can delete the group |  |
| 13 | Verify that user can watch message like audio, text, GIF…etc |  |
| 14 | Verify that user send or receive d text, image, document….etc |  |
| 15 | Verify that user can make a call by add multiple contact |  |
| 16 | Verify that user is able to see group contact information |  |
| 17 | Verify that user is able to search specific chat history using search option in group chat box |  |
| 18 | Verify that user is able to mute the group in group chat box |  |
| 19 | Verify that all option like report, block, clear chat, export chat and shortcut |  |
| 20 | Verify user can change name of group, profile photo |  |
| 21 | Verify that user can lock the group chat which show only user fill password |  |
| 22 | Verify user know about whom seen the message and delivered message |  |

Write scenario of WHATSAPP payment

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | SRNO | TEST SCENARIO (POSITIVE) | TEST SCENARIO ( NEGATIVE ) | | 1 | verify to download and install the WHATSAPP application from play store | Verify that the WHATSAPP payment method is same as other online payment app | | 2 | after installation WHATSAPP icon should appear visible properly | Verify that the BHIM/UPI password also used in WHATSAPP pay | | 3 | verify if new number then registered by filling information which required and then verified the number by fill verification code come on registered mobile number | Verify that if we transfer big amount so we can take permission | | 4 | verify that after filling the verification code application verifies the new user account | Verify that WHATSAPP show perfect bank balance | | 5 | verify the number if already registered then fill only SMS code and backup all data | Verify if other functionality like gas payment, bill payment and other is not available | | 6 | Verify that WHATSAPP is open or not |  | | 7 | verify that after click payment open its open or not |  | | 8 | verify that add bank account option is working or not |  | | 9 | verify that send payment option is working or not |  | | 10 | verify that we can scan the QR code option is working or not |  | | 11 | verify that on scan QR code name of oner is display or not |  | | 12 | verify that chat with business option is working or not |  | | 13 | verify that all payment history is display or not |  | | 14 | verify add payment method option is working or not |  | | 15 | verify help option is open or not and for that quires is selected |  | | 16 | verify that on click this does not answer my question option is working or not |  | |

To create HLR and test case of web based (WHATSAPP web, Instagram)

HLR OF INSTAGRAM login/account

|  |  |  |
| --- | --- | --- |
| FUNCTIONALITY ID | FUNCTIONALITY NAME | DESCRIPTION |
| 1 | Check website URL | While enter website into address it should open login page |
| 2 | Check ENGLISH | While click on English select language |
| 3 | Check continue with face book | While click on continue with face book, face book is open |
| 4 | Check login button | While click on login button it open user dashboard with user name. |
| 5 | Check forgot button | While click on forgot button set new password |
| 6 | Check sign up | While click on sign up then registration page is open |
| 6(1) | Check next button | While click then ask to fill full name date of birth |
| 6(2) | Check next button | Ask to create a new username |
| 6(3) | Check agree button | Ask to agree with all condition and new account is create |

TEST CASE OF INSTAGRAM

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST CASE ID | FUNCTIOINALITY ID | FUNCTIONALITY NAME | PRE-CONDITION | STEP | TEST DATA | EXPECTED RESULT | ACTUAL RESULT | STATUS |
| 1 | 1 | CHECK WEBSITE URL | browser, internet and website must be in working condition | 1)http://www.instagram.com | NA | Website should be open properly | As expect result | pass |
| 2 | 2 | Check ENGLISH | browser, internet and website must be in working condition | 1)http://www.instagram.com | NA | Select language | As expect result | Pass |
| 3 | 3 | Check continue with face book | browser, internet and website must be in working condition | 1)<http://www.instagram.com> | NA | While click on continue with face book enter face book username and password then face book is connect with instagram | As expect result | pass |
| 4 | 4 | Check login button | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: mansi\_jn  Password: jain mansi123455 | While enter correct credential then login to user dashboard | As expect result | pass |
| 5 | 4 | Check login button with null data | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username:  Password: | As proper validation message come | Without enter username and password login button is not work but does not give proper validation message | pass |
| 6 | 4 | Check login button with only username | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: mansi-jain | While enter only username then login button is not work and give proper message | Does not give proper message but login button is not work | pass |
| 7 | 4 | Check login button with only password | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username:  Password:mansijain1234456677 | While enter only username then login button is not work and give proper message | Does not give proper message but login button is not work | pass |
| 8 | 4 | Check login button with special character | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: !#$^&\*%$#  Password: %^&&#@## | As display proper validation message | It show only password was incorrect but not give proper message | fail |
| 9 | 4 | Check login button with only special character of password | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: jainmansi2404  Password: @#$$% | As display proper validation message | As expect result | pass |
| 10 | 4 | check login button with wrong password | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: jn\_mansi  Password: 1234dfghjh | As display proper validation message | As expect result | Pass |
| 12 | 4 | check login button with long username | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username:asfkhjgjhtf33458guftdjjnn  Password: 123rt4565 | As display proper validation message | Does not give proper validation message | fail |
| 13 | 4 | check login button with long password | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: jn-mansi  Password: 1234567dfghj4567ertydfgcv | As display proper validation message | Does not give proper validation message | fail |
| 14 | 4 | check login button with number in username | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: 23456745645 | As display proper validation message | Does not display proper message in detail | fail |
| 15 | 4 | check login button with number in password | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: jn-mansi  Password: 23456734563456 | As display proper validation message | Does not login but does not give proper validation message | pass |
| 16 | 4 | check login button with wrong username and password | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter user name/number/email and password  3)click on login button | Username: dftyutrt  Password567fgh56 | As display proper validation message | Does not give proper validation message | fail |
| 17 | 5 | Check forgot button | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)click on forgot button | Username/number/email id-jainmansi240@gmail.com/mansi-jn/67878899999 | Send a link on register number/ email id to reset password | As expect result | pass |
| 18 | 5 | Check forgot password button with wrong username/phone number/email id | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter forgot button | Username: ffyuihj/  Phone number: 34566767/  Email id: mmansiijai5676@gmail.com | Display not to found user | As expect result | pass |
| 19 | 6 | Check sign up button | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)click on sign up button | NA | Registration page is open with filling of phone number/email id | As expect result | pass |
| 20 | 6(1) | Check next button | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter forgot button | NA | While click on next button enter your name and set password and set date of birthday | As expect result | pass |
| 21 | 6(2) | Check next button | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter forgot button | NA | While click on next button create a new username | As expect result | pass |
| 22 | 6(3) | Check agree button | browser, internet and website must be in working condition | 1)<http://www.instagram.com>  2)enter forgot button | NA | While click on agree button then all condition are accept | As expect result | pass |

Write HLR and test case of [www.art](http://www.art) of testing

|  |  |  |
| --- | --- | --- |
| FUNCTIONALITY ID/ | FUNCTIONALITY NAME | DESCRIPTION |
| 1 | Check website URL | While entering URL into address bar website should be open |
| 2 | Check search option | While click on search its work |
| 3 | Check tools by art of testing | While click on tool by art of testing then all tools are open |
| 3(1) | Check about us | While click on about us its open |
| 3(2) | Check contact us | While click on contact us its open |
| 3(3) | Check disclaimer | While click on disclaimer its open |
| 3(4) | Check term of service | While click on term of service it open |
| 3(5) | Check privacy policy | While click on privacy policy is open |
| 4 | Check manual | While click on manual its drop down |
| 5 | Check automation | While click on automation its dropdown |
| 6 | Check performance | While click on performance its dropdown |
| 7 | Check java | While click on java its working |
| 8 | Check interview | While click on interview all question is come |
| 9 | Check tools review | While click on tools review its working |
| 10 | Check close button | While click on close button all menu is closed |
| 11 | Check linked in | While click on linked in its open |
| 12 | While click on face book icon | While click on face book is open |
| 13 | Check you tube | While click on you tube icon is working |
| 14 | Check twitter icon | While click on twitter is working |
| 15 | Check p-interest | While click on p interest its working |

TEST CASE

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST CASE ID | FUNCTIONALITY NAME | FUNCTIONALITY NAME | PRECONDITION | STEP | TEST DATA | EXPECTED RESULT | ACTUAL RESULT | STATUS |
| 1 | 1 | Check website URL | Browser, website and internet connection must be working | http//www.art of testing | NA | Website is open | As expect result | Pass |
| 2 | 2 | Check search option | Browser, website and internet connection must be working | http//www.art of testing | NA | Search box is open and search anything | As expect result | pass |
| 3 | 3 | Check tools by art of testing | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on tools by art of testing then whole page is open regarding this information | As expected result | pass |
| 4 | 3(1) | Check about us | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on about us all information of website is come | As expect result | pass |
| 5 | 3(2) | Check contact us | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on contact us then user reach website owner by making contact | As expect result | pass |
| 6 | 3(3) | Check disclaimer us | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on disclaimer us then all disclaimer of website is come | As expect result | Pass |
| 7 | 3(4) | Check term of service | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on term of service is open | As expect result | pass |
| 8 | 3(5) | Check privacy policy | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on privacy policy is open of website | As expect result | Pass |
| 9 | 4 | Check manual | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on manual it dropdown and all option is open | As expect result | pass |
| 10 | 4(1) | Check what is manual testing | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on what is manual testing that answer is come | As expect result | Pass |
| 11 | 4(2) | Check manual testing tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | When click on manual testing tutorial some content come regarding this | As expect result | pass |
| 12 | 4(3) | Check scenario example | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on test scenario all example is open | As expect result | Pass |
| 13 | 4(4) | Check API testing tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on API testing tutorial all content is open regarding API | As expect result | Pass |
| 14 | 5 | Check automation | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on automation its dropdown | As expect result | Pass |
| 15 | 5(1) | Check what is automation testing | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on automation testing then all content is open | As expect result | pass |
| 16 | 5(2) | Check selenium tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on selenium tutorial all related content is open | as expect result | pass |
| 17 | 5(3) | Check katalon studio tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on katalon studio tutorial all related content is open | As expect result | pass |
| 18 | 5(4) | Check testNG tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on it all related content is open | As expect result | pass |
| 19 | 5(5) | Check cucumber tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on it all related content is open | As expect result | pass |
| 20 | 5(6) | Check drop up button | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on drop up button all automation part are closed | As expect result | pass |
| 21 | 6 | Check performance dropdown | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on performance is dropdown | As expect result | Pass |
| 22 | 6(1) | Check performance testing | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on performance testing all content is open | As expect result | pass |
| 23 | 6(2) | Check j meter tutorial | Browser, website and internet connection must be working | http//www.art of testing | NA | J meter tutorial is open | As expect result | pass |
| 24 | 7 | Check java | Browser, website and internet connection must be working | http//www.art of testing | NA | Open java related content | As expect result | pass |
| 25 | 8 | Check interview question | Browser, website and internet connection must be working | http//www.art of testing | NA | Open all interview question is open | As expect result | pass |
| 26 | 9 | Check tools review | Browser, website and internet connection must be working | http//www.art of testing | NA | Tools and resources review are open | As expect result | Pass |
| 27 | 10 | Check close menu | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on close button all menu is closed | As expect result | pass |
| 28 | 11 | Check face book icon | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on face book icon its working | As expect result | pass |
| 29 | 12 | Check twitter icon | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on twitter icon is working | As expect result | Pass |
| 30 | 13 | Check linked in icon | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on linked in icon its working | As expect result | Pass |
| 31 | 14 | Check p interest icon | Browser, website and internet connection must be working | http//www.art of testing | NA | While click on p interest icon is working | As expect result | pass |

What are different methodologies in agile development model

There are two method-logy of agile are given below:

1. Kanban
2. Scrum

What are bug categories?

Software bugs can be classified into multiple categories based on their nature and impact. Broadly speaking, these categories include functional bugs, logical bugs, work flow bugs, unit level bugs, system level integration bugs, out of bound bugs, and security bugs.

What Is advantage of bug zila

Advantage of bug zila are given below:

It improves the quality of the product.

It enhances the communication between the developing team and the testing team.

It has capacity to adapt to multiple situations.

What is usability testing

Usability testing is the practice of testing how easy a design is to use with a group of representative users.it usually involves observing users as they attempt to complete tasks and can be done for different types of designs. It is often conducted repeatedly, from early development until a product’s release.

Whatsapp web HLR and test case

|  |  |  |
| --- | --- | --- |
| Functionality id | Functionality name | description |
| 1 | Verify to website URL | While enter URL in address website should be open |
| 100 | Verify to scan QR code | While scan QR code by phone it scan |
| 200 | verify profile | While click on profile its open |
| 201 | Verify to edit name | While click on name is edit |
| 202 | Verify to edit | While click on edit photo is edit |
| 300 | Verify to click on community icon | While click on group icon its open |
| 301 | Verify to click on view all | While click on view all contact number and group are open |
| 302 | Verify to add member | While click on add member user can add member |
| 303 | Verify to click on community info | While click on community info its open |
| 304 | Verify to view member | While click on view member its open |
| 305 | Verify community setting | While click on community setting its open |
| 400 | Verify to click on status icon | While click on status it open |
| 402 | Verify to click my status | While click on it its not working |
| 500 | Verify to click channel | While click on its working |
| 501 | Verify to create channel | While click on create channel its working |
| 502 | Verify find channel | While click on find channel its working |
| 503 | Verify search bar | While click on search bar its working |
| 600 | Verify new chat | While click on new chat its working |
| 601 | Verify search bar | While click on search bar its working |
| 602 | Verify new group | While click on new group it working |
| 603 | Verify new community | While click on new community its working |
| 700 | Verify to side menu | While click on side menu its open |
| 701 | Verify new group | While click on new group its working |
| 702 | Verify new community | While click on new community its working |
| 703 | Verify started message | While click on started message its working |
| 704 | Verify select chat | While click on select chat its working |
| 705 | Verify setting | While click on setting its working |
| 706 | Verify to get whatsapp from window | While click on it its working properly |
| 707 | Verify to log out | While click on it working properly |
| 800 | Verify to main search bar | While click on its working properly |
| 801 | Verify to filter | While click on it working properly |
| 900 | Verify to open chat | While click on chat its open |
| 901 | Verify to click vedio call icon | While click on it we cannot make a call |
| 902 | Verify to click on contact info | While click on contact info its working |
| 903 | Verify to select chat | While click on select message its working |
| 904 | Verify to click on close chat | While click on close chat its working |
| 905 | Verify to click on mute notification | While click on it its working |
| 906 | Verify to click on disappearing message | While click on it its working properly |
| 907 | Verify to click on clear chat | While click on it its working properly |
| 908 | Verify to click on delete chat | While click on its working properly |
| 909 | Verify to click on report | While click on it its working properly |
| 910 | Verify to click on block | While click on it its working properly |
| 1000 | Verify to click on add icon | While click on it its working properly |
| 1001 | Verify to click on document | While click on it its working properly |
| 1002 | Verify to click on photo and vedio | While click on it its working properly |
| 1003 | Verify to click on contact | While click on it working properly |
| 1004 | Verify to click on poll | While click on it working properly |
| 1005 | Verify to click on new sticker | While click on it its working properly |
| 1006 | Verify to click on emoji icon | While click on it its open |
| 1007 | Verify to click on audio icon | While click on it its working properly |
| 1008 | Verify to type message | While typing message is work properly |
| 1009 | Verify to click on send button | While click on send icon its working properly |

TEST CASE OF WHATSAPP WEB

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TEST CASE ID | FUNCTIONALITY ID | FUNCTIONALITY NAME | PRE-CONDITION | STEP | TEST DATA | EXPECTED RESULT | ACTUAL RESULT | PASS |
| 1 | 1 | Verify website URL | Website, browser and internet must be in working condition | http//www.whatsapp.com | NA | While entering URL in address then website is open | As expect result | pass |
| 2 | 100 | Verify t scan QR code | Website, browser and internet must be in working condition | http//www.whatsapp.com | NA | While scan QR code on phone and on enter code on phone whatsapp is open | As expect result | pass |
| 3 | 200 | Verify to click profile | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on profile icon | NA | While click on profile then profile image is open | As expect result | Pass |
| 4 | 201 | Verify to click on name | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on profile icon  3)click on name | NA | While click on name user can edit name | As expect result | Pass |
| 5 | 202 | Verify to click on edit profile | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on profile icon  3)click on edit profile | NA | While click on edit user can change profile image | As expect result | Pass |
| 6 | 300 | Verify to click on community | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on community icon | NA | While click on community icon its open | As expect result | pass |
| 7 | 301 | Verify to click on view all | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on community icon  3)click on view all | NA | While click on view all community is shown and user can add group in community | As expect result | pass |
| 8 | 302 | Verify to click on add member | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on community icon  3)click on add member | NA | While click on add member then user can add member in community | As expect result | pass |
| 9 | 303 | Verify to click on community info | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on community icon  3)click on community info | NA | While click on community info user can watch all information about community | As expect result | pass |
| 10 | 304 | Verify to click on view member | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on community icon  3)click on view member | NA | While click on view member user can view all member in community | As expect result | pass |
| 11 | 305 | Verify to click community setting | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on community icon  3)click on community setting | NA | While click on community setting user can change all setting of community | As expect result | Pass |
| 12 | 400 | Verify to click on status | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on status | NA | While click on status all status is shown to user | As expect result | pass |
| 13 | 401 | Verify to click on my status | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on status  3)click on my status | NA | While click on my status user can upload photo or vedio on my status | User cannot upload on my status | fail |
| 14 | 500 | Verify to click on channel | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on channel | NA | While click on channel then all channel is open | As expect result | pass |
| 15 | 501 | Verify to create a channel | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on channel  3)click on create channel | NA | While click on create channel user can create a new channel | As expect result | pass |
| 16 | 502 | Verify to find channel | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on channel  3)click on find channel | NA | While click on find channel user can search all channel which are follow or unfollow | As expect result | pass |
| 17 | 503 | Verify to click on search bar | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on channel  3)click on search bar | NA | While click on it user search channels | As expect result | pass |
| 18 | 600 | Verify to click on new chat | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on new chat | NA | While click on new chat then user can make new group and new community | As expect result | pass |
| 19 | 601 | Verify to click on search bar | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on new chat  3)click on search bar | NA | While click on search bar user can search all contact, group and community | As expect result | pass |
| 20 | 602 | Verify to click on new group | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on new chat  3)click on new group | NA | While click on new group user can make new group from contact | As expect result | pass |
| 21 | 603 | Verify to click on new community | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on new chat  3)click on new community | NA | While click on it user can create a new community | As expect result | pass |
| 22 | 700 | Verify to click on side menu | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu | NA | While click on side menu all option is open | As expect result | pass |
| 23 | 701 | Verify to click on new group | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu | NA | While click on new group user can make new group | As expect result | pass |
| 24 | 702 | Verify to click on new community | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu | NA | While click on new it user can make a new community | As expect result | pass |
| 25 | 703 | Verify to click started message | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu  3)click on starred message | NA | While click on it all star message is shown here | As expect result | pass |
| 26 | 704 | Verify to click on select chat | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu  3)click on select message | NA | While click on it user can select chat and marked as unread or mute notification | As expect result | pass |
| 27 | 705 | Verify to click on setting | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu  3)click on setting | NA | While click on it user can make change setting of whatsapp | As expect result | Pass |
| 28 | 706 | Verify to click on get whatsapp from window | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu  3)click on get whatsapp from window | NA | While click on it whatspp is open in application | As expect result | pass |
| 29 | 707 | Verify to click on log out | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on side menu  3)click on logout | NA | While click on it user is log out | As expect result | pass |
| 30 | 800 | Verify to click on main search bar | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on search bar | NA | While click on it user can search chat | As expect result | pass |
| 31 | 801 | Verify to click on filter | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on filter icon | NA | While click on it user know about which message is unread | As expect result | Pass |
| 32 | 900 | Verify to click on chat | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat | NA | While click on chat, chat is open | As expect result | pass |
| 33 | 901 | Verify to click on vedio call | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on vedio call | NA | While click vedio call icon user can call | User cannot make a call | fail |
| 34 | 902 | Verify to click on contact info | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on contact info | NA | While click on contact info user can see contact number and profile of other user | As expect result | pass |
| 35 | 903 | Verify to click on select message | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on select message | NA | While click on select message user can select message | As expect result | Pass |
| 36 | 904 | Verify to click on close chat | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on close chat | NA | While click on close chat then chat is closed | As expect result | Pass |
| 37 | 905 | Verify to click on mute notification | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on mute notification | NA | While click on mute notification then notification is mute | As expect result | Pass |
| 38 | 906 | Verify to click on disappearing message | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on disappearing message | NA | While click on it message is disappearing in select time period | As expect result | Pass |
| 39 | 907 | Verify to click on clear chat | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on clear chat | NA | While click on it chat is clear | As expect result | pass |
| 40 | 908 | Verify to click on delete chat | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on delete chat | NA | While click on it chat is deleted | Aa expect result | Pass |
| 41 | 909 | Verify to click on report | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on report | NA | While click on it user can report | As expect result | pass |
| 42 | 910 | Verify to click on block | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on block | NA | While click on it user can block other user | As expect result | pass |
| 43 | 1000 | Verify to click on add icon | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on add icon | NA | While click on it all option is open | As expect result | pass |
| 44 | 1001 | Verify to click on document | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on document | NA | While click on document user can select document and send it | As expect result | Pass |
| 45 | 1002 | Verify to click on photo and vedio | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on photo and vedio | NA | While click on photo and vedio user can select and send it | As expect result | Pass |
| 46 | 1003 | Verify to click on camera | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on camera | NA | While click on it camera is open | As expect result | pass |
| 47 | 1004 | Verify to click on contact | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on contact | NA | While click on contact all contact are open | As expect result | Pass |
| 48 | 1005 | Verify to click on poll | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on camera | NA | While click on it poll user can create a poll | As expect result | pass |
| 49 | 1006 | Verify to click on new sticker | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on new sticker | NA | While click on it user can send new sticker | As expect result | pass |
| 50 | 1007 | Verify to click on emoji | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on emoji | NA | While click on emoji user can send emoji to anyone | As expect result | Pass |
| 51 | 1008 | Verify to click on type message | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on type message | NA | While click on type message user can send message to anyone | As expect result | pass |
| 52 | 1009 | Verify to click on audio | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on audio | NA | While click on it user can make audio and send it | As expect result | pass |
| 53 | 1010 | Verify to click on send button | Website, browser and internet must be in working condition | 1)http//www.whatsapp.com  2)click on chat  3)click on send button | NA | While click on it user can send message | As expect result | pass |