Q1. What is Exploratory Testing?

A1. Exploratory is a dynamic approach to software testing where the tester simultaneously designs and execute the test based on their experience of domain knowledge

* This method encourages the creativity, adaptability, and discovery of unexpected defects
* It is particularly useful in uncovering the usability issues, edge cases, and scenarios not covered in the traditional test cases

Q2. What is traceability matrix?

* A traceability matrix is a document or tool used in software development and testing to ensure that requirements are met throughout the development lifecycle. It needs a source from such as requirements, design documents, test cases, and defects, allowing stakeholders to track the implementation and validation of requirements.

Q3. What is Boundary value testing?

* Boundary value testing is a software testing technique used to evaluate how a system behaves at the boundaries of input domains. The idea is to test the system's response at the edges or boundaries of acceptable input ranges.

Q4. What is Equivalence partitioning testing?

* Equivalence partitioning is a software testing technique used to divide the input domain of a system into classes of equivalent input data. The idea is to reduce the number of test cases while ensuring that each test case is representative of a larger group of equivalent inputs.

Q5. What is Integration testing?

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

Q6. What determines the level of risk?

* The level of risk is determined by the combination of impact and probability associated with an adverse event or situation.

Q7. What is Alpha testing?

* Alpha testing is a type of software testing performed by the development team in a controlled environment, typically at the developer's site. It is conducted before releasing the software to external users or customers.

Q8. What is beta testing?

* Beta testing is a type of software testing performed by a selected group of end-users or customers in a real-world environment, outside of the development organization. The purpose of beta testing is to gather feedback from actual users and identify any issues or areas for improvement before the software is released to the general public.

Q9. What is component testing?

* Component testing, also known as unit testing, is a level of software testing where individual components or units of a software application are tested in isolation. The purpose of component testing is to validate the correctness and functionality of each component independently, ensuring that it behaves as expected and meets its specified requirements.

Q10. What is functional system testing?

* Functional system testing is a type of software testing that verifies whether the entire system or software application meets its specified functional requirements. It involves testing the system's functionalities as a whole to ensure that it behaves as expected from the end-user's perspective. Functional system testing focuses on testing the system's features, interactions, and outputs to validate that they align with the intended behaviour outlined in the requirements documentation.

Q11. What is Non-Functional Testing?

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

Q12. What is GUI Testing?

* GUI is known as Graphical User Interface testing, is a type of software testing that focuses on verifying the functionality, usability, and appearance of the graphical elements of a software application's user interface. It involves testing various aspects of the GUI, including buttons, menus, forms, dialogs, icons, fonts, colours, and layout, to ensure they meet design specifications and user expectations. GUI testing also evaluates the responsiveness and consistency of user interactions, such as mouse clicks, keyboard inputs, and touch gestures, across different platforms and devices.

Q13. What is Adhoc testing?

* Ad hoc testing is an informal and unstructured testing approach performed by the aim to break the system.
* It relies heavily on the testers experience and creativity to uncover defects that may not be apparent through formal testing methods.

Q14. What is load testing?

* Load testing is a type of software testing that evaluates the performance of a system under specific load conditions. It involves subjecting the system to a simulated load, typically by generating a high volume of concurrent users, transactions, or data requests, to assess its behaviour and response times. The primary objective of load testing is to determine the system's capacity, scalability, and reliability under normal and peak load conditions, ensuring that it can handle expected levels of user activity without degradation in performance or stability.

Q15. What is stress Testing?

* Stress testing is a type of software testing that evaluates the robustness and stability of a system under extreme conditions beyond its normal operational capacity. It involves subjecting the system to significantly high loads, excessive data volumes, or extreme resource constraints to identify its breaking points and measure its ability to recover gracefully.

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

* White box testing, also known as clear box testing or structural testing, is a software testing technique that examines the internal structure, code, and logic of a software application.
* There are different types of white box testing:

1. Test/code coverage
2. Statement Coverage
3. Decision Coverage
4. Condition Coverage

Q17. What is black box testing? What are the different black box testing techniques?

* Black box testing is a software testing technique where the internal workings, code structure, and implementation details of the software application are not known to the tester.
* Techniques of black box Testing:

1. Equivalence partitioning
2. Boundary Value analysis
3. Decision Tables
4. State Transitions Testing

Q18. Mention what are the categories of defects?

* There are five types of defects are as follows :

1. Data Quality/ Database defects
2. Critical Functionality Defects
3. Functionality Defects
4. Security Defects
5. User Interface Defects

Q19. Mention what bigbang testing is?

* Big Bang testing is a software testing approach where all components or modules of the system are integrated simultaneously, and testing is performed on the entire system as a whole. Unlike incremental or phased integration testing, where components are integrated and tested incrementally, Big Bang testing involves combining all components together and testing them in a single phase.

Q.20. What is the purpose of exit criteria?

* The purpose of exit criteria is to define the conditions that must be met before concluding a testing phase or activity, ensuring that stakeholders can make informed decisions about the readiness of the software for the next phase or release.

Q.21. When should "Regression Testing" be performed?

* Regression testing should be performed whenever changes are made to the software, including bug fixes, enhancements, or new features, to ensure that existing functionality has not been adversely affected and that previously fixed defects have not reemerged.

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

* The 7 key principles of software testing are fundamental concepts that guide the testing process and contribute to the effectiveness and efficiency of testing activities. Let's delve into each principle in detail:

1. Testing Shows Presence of Defects: The first principle acknowledges that testing can never guarantee the absence of defects in software. Instead, the primary purpose of testing is to uncover defects or issues within the software, thereby providing information about its quality. Testing helps identify discrepancies between expected and actual behavior, allowing defects to be identified, isolated, and addressed.

2. Exhaustive Testing Is Impossible: It is practically impossible to test every possible combination of inputs, paths, and conditions within a software application. Therefore, exhaustive testing, where every possible scenario is tested, is not feasible. Instead, testing efforts should be focused on high-risk areas, critical functionalities, and likely sources of defects, prioritizing testing activities based on risk, time, and resource constraints.

3. Early Testing: Early testing emphasizes the importance of starting testing activities as early as possible in the software development lifecycle. By involving testers in the early stages of development, defects can be identified and addressed sooner, reducing the cost and effort of fixing them later in the development process. Early testing also facilitates iterative feedback, allowing for continuous improvement and refinement of the software.

4. Defect Clustering: This principle recognizes that defects in software tend to cluster or concentrate in specific modules, components, or functionalities. Statistical studies have shown that a relatively small number of modules or areas in a software application often account for the majority of defects. Therefore, testing efforts should be focused on these high-risk areas, allocating resources and attention where they are most likely to uncover defects and improve quality.

5. Pesticide Paradox: The pesticide paradox refers to the phenomenon where repeatedly executing the same set of tests can become less effective over time, as it tends to uncover the same defects repeatedly while missing new defects that arise from changes or updates to the software. To mitigate this paradox, testing strategies and test cases should be regularly reviewed, updated, and expanded to adapt to evolving requirements, functionalities, and risks.

6. Testing Is Context-Dependent: Testing activities are influenced by various contextual factors, including project requirements, objectives, constraints, and stakeholders' expectations. Testing strategies, techniques, and priorities may vary depending on the nature of the project, development methodology, industry standards, and regulatory requirements. Therefore, testing approaches should be tailored to suit the specific context of each project, ensuring that testing activities are aligned with project goals and objectives.

7. Absence-of-Errors Fallacy: The absence-of-errors fallacy refers to the misconception that the absence of reported defects or issues implies the absence of quality problems in the software. This principle emphasizes that testing can never guarantee the absence of defects, and the absence of reported defects does not necessarily indicate the software's quality. Instead, testing provides information about the software's behavior, performance, and reliability, allowing stakeholders to make informed decisions about its readiness for release.

Q23. Difference between QA v/s QC v/s Tester

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| --- | --- | --- |
| QA | QC | Tester |
| QA is a proactive approach that focuses on preventing defects and ensuring that the processes used to develop and deliver software meet established standards and best practices. | QC is a reactive approach that focuses on identifying defects and verifying that the software meets specified quality standards and requirements. | Testing is a specific type of QC activity that involves executing the software to identify defects, errors, and inconsistencies in its behavior or functionality. |
| The primary goal of QA is to improve processes and prevent defects from occurring in the first place, rather than identifying and fixing them after they have occurred. | The primary goal of QC is to identify and address defects through inspection, testing, and verification activities, ensuring that the software meets the desired quality criteria. | The primary goal of testing is to validate the software against specified requirements, verify that it behaves as expected, and uncover defects that may impact its quality or performance. |
| QA activities may include defining quality standards, establishing processes and procedures, implementing quality management systems, conducting audits and reviews, and providing training and guidance to team members. | QC activities may include testing the software against requirements, conducting inspections and reviews, analyzing defects and root causes, and implementing corrective actions to address identified issues. | Testing activities may include planning and designing test cases, executing tests, analyzing test results, reporting defects, and retesting after fixes are applied. |
| QA is concerned with the entire software development lifecycle and aims to instil a culture of quality throughout the organization. | QC is concerned with evaluating the quality of the final product and ensuring that it meets customer expectations and requirements. | Testing can encompass various types and levels, including unit testing, integration testing, system testing, acceptance testing, and regression testing, each focusing on different aspects of the software's quality and functionality. |

Q24. Difference between Smoke and Sanity?

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| --- | --- |
| Smoke | Sanity |
| * A preliminary test executed to verify whether the critical functionalities of the software application work correctly without delving into finer details. It helps determine if the software build is stable enough for further testing. Smoke testing is typically broad and shallow, covering essential functionalities, and is performed early in the testing process. | A subset of regression testing performed on a stable build to ensure that recent changes or fixes have not adversely affected existing functionalities. It focuses on specific areas or features affected by recent changes and verifies if they still function as expected. Sanity testing is narrow and deep, targeting specific functionalities or areas of concern. It is usually conducted after major changes or fixes to ensure the overall stability of the software |

Q25. Difference between verification and Validation

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| --- | --- |
| Verification | Validation |
| * Verification is the process of evaluating whether the software meets its specified requirements and adheres to predefined standards, specifications, or guidelines. It focuses on ensuring that the software is built correctly. Verification activities typically include reviews, inspections, and static analysis to check the software's conformance to requirements without actually executing the software | * Validation, on the other hand, is the process of evaluating whether the software meets the needs and expectations of the stakeholders and whether it solves the intended problem in the real-world environment. It focuses on ensuring that the right product is built. Validation activities involve dynamic testing, such as testing the software against user needs, scenarios, and real-world usage conditions to ensure its functionality, usability, and effectiveness |

Q26. Explain types of Performance testing.

1. Load Testing: Load testing involves testing the system's ability to handle a specific load or volume of users, transactions, or data within acceptable performance parameters. It aims to determine the system's behaviour under normal and peak load conditions and identify performance bottlenecks or degradation.

2. Stress Testing: Stress testing evaluates the system's behaviour under extreme conditions, such as high load, excessive data volume, or resource constraints, beyond its normal operational capacity. It aims to determine the system's breaking point, identify its limitations, and assess its resilience under stress.

3. Scalability Testing: Scalability testing assesses the system's ability to handle increasing load or workload by adding resources, such as servers, processors, or storage, without compromising performance or functionality. It aims to determine the system's ability to scale up or scale out to accommodate growing demands.

4. Endurance Testing: Endurance testing, also known as soak testing, evaluates the system's stability and reliability over an extended period under sustained load or continuous operation. It aims to identify memory leaks, resource exhaustion, and performance degradation over time, ensuring the system's robustness and reliability under prolonged use.

5. Volume Testing: Volume testing assesses the system's ability to handle a large volume of data or transactions within acceptable performance parameters. It aims to determine the system's scalability, capacity, and efficiency in managing and processing large datasets or transaction volumes.

6. Spike Testing: Spike testing is a type of performance testing that involves subjecting a system to sudden and extreme increases in workload or traffic to assess its ability to handle unexpected spikes in user activity or demand. The primary goal of spike testing is to evaluate the system's scalability and resilience under fluctuating workloads and identify any performance bottlenecks or limitations.

Q27. What is Error, Defect, Bug and failure?

1. Error: An error, also known as a mistake or fault, refers to a human action or oversight that results in a deviation from the intended behaviour or functionality of the software. Errors can occur during any phase of the software development lifecycle, such as requirements gathering, design, coding, or testing.

2. Defect: A defect, also known as a flaw, issue, or imperfection, refers to a deviation or discrepancy between the expected behaviour of the software and its actual behaviour. Defects are typically introduced during the development process due to errors in requirements, design, coding, or testing. Defects may manifest as functional issues, logic errors, performance problems, or usability issues in the software.

3. Bug: A bug is a specific instance of a defect or error in the software that causes it to behave unexpectedly, produce incorrect results, or fail to meet user expectations. Bugs are typically discovered during testing or post-release usage and must be identified, reported, and fixed by developers to ensure the software's quality and reliability.

4. Failure: A failure occurs when the software deviates from its expected behaviour and produces incorrect, unexpected, or undesired outcomes that impact its usability, performance, or functionality. Failures are observable manifestations of defects or bugs during runtime, testing, or usage, and they may result in system crashes, data corruption, or loss of functionality.

Q28. Difference between Priority and Severity

|  |  |
| --- | --- |
| Severity | Priority |
| Severity refers to the impact or seriousness of a defect or bug on the system's functionality or performance. It indicates how severe or critical the issue is and its potential impact on users or the business. Severity levels are usually categorized into several levels, such as: | Priority refers to the order or sequence in which defects or bugs should be addressed or fixed by developers. It indicates the relative importance or urgency of resolving the issue based on factors such as business impact, user needs, and project timelines. Priority levels are usually categorized into several levels, such as: |
| Critical: Defects that cause system crashes, data loss, or severe functional failures, rendering the software unusable. | High: Defects that have a significant impact on critical functionalities or affect a large number of users, requiring immediate attention and resolution. |
| Major: Defects that cause significant functional issues or impair core features of the software, affecting usability or performance. | Medium: Defects that have a moderate impact on functionality or affect a smaller subset of users, requiring timely resolution but not immediate attention. |
| Minor: Defects that cause minor functional issues, cosmetic problems, or inconveniences to users but do not significantly impact overall functionality. | Low: Defects that have minimal impact on functionality or affect only a few users, allowing them to be addressed at a later stage or as part of routine maintenance. |
| Moderate: Defects that have minimal impact on functionality or usability and are of low priority for resolution. | Critical : Defects needs to be resolved in the urgent bases. |

Q29. What is bug life cycle?

* The bug life cycle, also known as the defect life cycle, describes the stages that a defect or bug goes through from discovery to resolution. While specific bug life cycle models may vary between organizations or projects, the typical stages include:

1. New: The defect is identified or reported for the first time.

2. Open: The defect is acknowledged by the development team and is ready to be analyzed and addressed.

3. Assigned: The defect is assigned to a developer or team member responsible for investigating and fixing it.

4. In Progress: The developer begins working on fixing the defect by analyzing the root cause, making necessary code changes, and implementing a solution.

5. Fixed: The developer has resolved the defect by making necessary code changes, and the fix has been verified locally.

6. Pending Retest: The fixed defect is marked for retesting to ensure that the resolution has addressed the issue and has not introduced any new problems.

7. Retest: The fixed defect is retested to verify that the resolution is effective and has not caused any regressions or side effects.

8.Verified: The defect has been successfully retested, and the fix has been confirmed to resolve the issue satisfactorily.

9. Closed: The defect is considered resolved, and no further action is required. It is closed, and the bug life cycle for that particular issue ends.

* Throughout the bug life cycle, stakeholders, such as developers, testers, project managers, and product owners, collaborate to ensure effective communication, resolution, and closure of defects. Additionally, bug tracking tools and systems are often used to manage and track the status of defects as they progress through the various stages of the bug life cycle.

Q30. Explain the difference between Functional testing and Non-functional testing.

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| Functional testing | Non-functional testing |
| * Validates that the software meets specified functional requirements and behaves as expected. It focuses on what the system does, including its features, functionalities, and interactions with users and other system components. | * Evaluates the non-functional aspects of the software, such as performance, usability, reliability, security, and scalability. It focuses on how well the system performs under various conditions and constraints, rather than what it does. |

Q31. To create HLR & TestCase of Instagram

|  |  |  |
| --- | --- | --- |
| functionality id | functionality name | description |
| 1 | check the website url | when we enter the website url in to search bark its working fine |
| 10 | check the log in button | when we click the login button its work properly |
| 20 | chek the log in with facebook account button work properly | when we click the login in facebook account button its work properly. |
| 30 | check the forgot password button work properly | when we click the forget password button its work properly. |
| 40 | check the sign up button | when we click the sign up button its work properly. |
| 50 | check the get the app image button . | when we click the image button its work properly. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| test case id | functionality id | test case name | pre-condition | step | test data | expected result | actual result | status |
| 1 | 1 | check the website url | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button | NA | website or app should be open when we enter the link and click the enter button | when we enter the link and click the enter button its open properly. | pass |
| 2 | 10 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = jkaur9452 password = jasleen@134 | when we enter valid login id ans password it should be open | when we enter valid user id and password its open. | pass |
| 3 | 10.1 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = 1234567 password = jasleen@134 | when we enter valid user name in mobile number and enter password it shold be open. | when we enter valid user name in mobile number and valid password its open. | pass |
| 4 | 10.2 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = jkaur9452@gmail.com password = jasleen@134 | when we enter valid user name in email and valid password it should be open | when we enter valid user name in email and valid password its open | pass |
| 5 | 10.3 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = 3456 password = 1234 | when we enter the worng id and password its only show check your password but they show username is incorrect. its not a proper validation message. | when we enter the worng id and password and we hit the login button its show only show check your password. | fail |
| 6 | 10.4 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = jkaur .9452 password =jasleen@134 | when we enter the valid user name with white space and valid password it shoud be not open and does notshow proper validation message like withe space is not use in user name . | when we enter the white space use in user name and valid password and hit login button then its open | fail |
| 7 | 10.5 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = password =jasleen @134 | when we enter the valid user name with and valid password with white space it shoud be not open .and does not show proper validation message like withe space is not use in password . | when we enter the white space use in passwoed and vlaid userid and hit login button then its open | fail |
| 8 | 10.6 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = jkaur 9452 password = jasleen @134 | when we enter the user name and password with white space then its does not show white space is not allowed in username and password . | when we enter the user id and password and click the login button its only show user name is not found | fail |
| 9 | 10.7 | check the log in button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button | user name = !@#$% password =!@#$% | when we enter the special character in user name and password its does not show proper validation message like spcail character is not allowed in user name. | when we enter user id and password all special character its only show check your password. | fail |
| 10 | 20 | chek the log in with facebook account button work properly | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button | user name = jkaur9452 password = jasleen@134 | when we click the login with facebook with valid id and password its should be open | when we click login with facebook with valid id and password its open | pass |
| 11 | 30 | check the forgot password button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button 5)click the forgrt password button | NA | when we click fogot password button it should be open | when we click the fogot password button its work fine | pass |
| 12 | 30.1 | check the forgot password button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button 5)click the forgrt password button | NA | while we clicking the send login lint its shold be send link to the user | when we click the send login link its work fine | pass |
| 13 | 30.2 | check the forgot password button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button 5)click the forgrt password button | NA | while we clicking the create new account button its should be open. | when we click the create new account button its work fine | pass |
| 14 | 30.3 | check the forgot password button | browser,and proper internet connectivity. | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button 5)click the forgrt password button | NA | while the clicking the back to login button it should be open | when we click the back to login button its work properly. | pass |
| 15 | 40 | chek the sign up button | browser,and proper internet connectivity | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button 5)click the forgrt password button 6)check the sign up button | NA | while clicking the sign up button its should be open | when we click the sign up button its work properly | pass |
| 16 | 50 | check the get the app image button | browser,and proper internet connectivity | 1)https://www.instagram.com/ 2)click the enter button 3)click the login button 4)log in with facebook button 5)click the forgrt password button 6)check the sign up button | NA | while clicking the get the app image button both are open | when we click the get the image button both are working fine. | pass |

2) HLR& Test Case Facebook

|  |  |  |
| --- | --- | --- |
| FUNCTIONALITY ID | FUNCTIONAL NAME | DESCRPTION |
| 1 | check the webstite url | when we enter the link in the search bar and hit enter then facebook site is open |
| 10 | check the login functionality | when we enter the valid id and password iand hit the login buttion its work fine. |
| 20 | check the forgot password fnctionality | when we click the fogot password functionality its work fine |
| 30 | check the create new account functonlity | when we click the create new functonility its work fine |
| 40 | check the create new page functonility | when we click the create its working fine. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| test case id | functionality id | test case name | pre-condition | step | test data | expected result | actual result | status |
| 1 | 1 | check the wesite url | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button | NA | when we put the link on the search bar and hit the enter button then link should be open. | when we put the link on the search bar its work fine | pass |
| 2 | 10 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = 682859403 password = tyuf@345 | when we enter valid id and password and click the login button its should be work fine | when we put valid login id and password and hit the log in button its work fine | pass |
| 3 | 10.1 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = jkaur9452@gmail.com password = tyuf@345 | when we enter valid id and password and click the login button its should be work fine | when we put valid login id and password and hit the log in button its work fine | pass |
| 4 | 10.2 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = password = | when we enter the user id and passord both blank and hit the the login button.it should be show you does not enter valid id and password.its not proper validate | when we blanck the user id and password and hit the log in button it show The email address or mobile number you entered isn't connected to an account. Find your account and log in. | fail |
| 5 | 10.3 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = !@#$ password = | when i put spcail character in the user id and hit the log in button its should be show user name is not valid or you does not enter the spcail character.its not proper validate. | The email address or mobile number you entered isn't connected to an account. Create a new Facebook account. | fail |
| 6 | 10.4 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = password = !@#$ | when i put spcail character in the password and hit the log in button its should be show you have to enter the userid and you have to put log password minimum length.its not proper validate | The email address or mobile number you entered isn't connected to an account. Find your account and log in. | fail |
| 7 | 10.5 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = jkaur9452@gmail.com password = tyuf@345 | when we enter valid id and password in but here we do like extra space in the user id and hit login button and its open its not show propervalidation message. | its open | fail |
| 8 | 10.6 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = jkaur9452@gmail.com password = tyuf @345 | when we enter valid id and in password we add white space amd is not shoud be open | its working properly | pass |
| 9 | 20 | check fogot password functonility | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button 4) click the fogot password functonility | NA | as expected | send password to the email and we login in to account | pass |
| 10 | 30 | check the create new account button | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button 4) click the fogot password functonility 5)click the create new account | mobile/email | While click on create an new account then ask to fill user name and date of birthday etc. | As expe ct result | pass |
| 11 | 40 | check the create new page functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button 4) click the fogot password functonility 5)click the create new account 6)click the create new page | USER ID & PASSWORD | as expected | as expe ct result | pass |
| test case id | functionality id | test case name | pre-condition | step | test data | expected result | actual result | status |
| 1 | 1 | check the wesite url | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button | NA | when we put the link on the search bar and hit the enter button then link should be open. | when we put the link on the search bar its work fine | pass |
| 2 | 10 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = 682859403 password = tyuf@345 | when we enter valid id and password and click the login button its should be work fine | when we put valid login id and password and hit the log in button its work fine | pass |
| 3 | 10.1 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = jkaur9452@gmail.com password = tyuf@345 | when we enter valid id and password and click the login button its should be work fine | when we put valid login id and password and hit the log in button its work fine | pass |
| 4 | 10.2 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = password = | when we enter the user id and passord both blank and hit the the login button.it should be show you does not enter valid id and password.its not proper validate | when we blanck the user id and password and hit the log in button it show The email address or mobile number you entered isn't connected to an account. Find your account and log in. | fail |
| 5 | 10.3 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = !@#$ password = | when i put spcail character in the user id and hit the log in button its should be show user name is not valid or you does not enter the spcail character.its not proper validate. | The email address or mobile number you entered isn't connected to an account. Create a new Facebook account. | fail |
| 6 | 10.4 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = password = !@#$ | when i put spcail character in the password and hit the log in button its should be show you have to enter the userid and you have to put log password minimum length.its not proper validate | The email address or mobile number you entered isn't connected to an account. Find your account and log in. | fail |
| 7 | 10.5 | check the login functionality | browser and good internet connectivity | 1)https://www.facebook.com/ 2)click the enter button 3)click the log in button | user id = jkaur9452@gmail.com password = tyuf@345 | when we enter valid id and password in but here we do like extra space in the user id and hit login button and its open its not show propervalidation message. | its open | fail |

Q31. What is the difference between the STLC (Software Testing Life Cycle) and SDLC (Software Development Life Cycle)?

|  |  |
| --- | --- |
| STLC (Software Testing Life Cycle) | SDLC (Software Development Life Cycle) |
| * STLC (Software Testing Life Cycle) is the process of planning, designing, executing, and evaluating testing activities to ensure the quality and reliability of software applications or systems. | * SDLC (Software Development Life Cycle) is the process of planning, designing, developing, testing, deploying, and maintaining software applications or systems. |

Q32. What is the difference between test scenarios, test cases, and test script?

|  |  |  |
| --- | --- | --- |
| Test Scenarios | Test Case | Test Script |
| A test scenario is a high-level description of the  intended behavior or functionality to be tested. It outlines the specific conditions under which the system or software application should be tested. | A test case is a detailed set of steps or instructions that specify how to execute a test scenario. It defines the inputs, actions, and expected outcomes for testing a specific aspect of the software. | A test script is a set of executable instructions or code that automates the execution of test cases. It defines the actions to be performed and the expected outcomes for each test case. |
| Test scenarios are typically written in plain language and focus on user interactions or system behaviors from an end-user perspective. | Test cases are written based on test scenarios and provide a structured approach to verify the functionality or behavior of the system under test. | Test scripts are written using scripting languages or test automation tools and can be run repeatedly to validate the functionality of the software automatically. |
| Test scenarios provide an overview of what needs to be tested but do not contain detailed step-by-step instructions on how to perform the testing | Test cases are typically written using a predefined format and include preconditions, test steps, expected results, and postconditions | Test scripts are particularly useful for regression testing, where repetitive testing of previously executed test cases is required |
| A test scenario is a high-level description of the intended behavior or functionality to be tested. It outlines the specific conditions under which the system or software application should be tested. | A test case is a detailed set of steps or instructions that specify how to execute a test scenario. It defines the inputs, actions, and expected outcomes for testing a specific aspect of the software. | A test script is a set of executable instructions or code that automates the execution of test cases. It defines the actions to be performed and the expected outcomes for each test case. |

Q33. Explain what Test Plan is? What is the information that should be covered.

* During the Test Planning phase in the Software Testing Life Cycle (STLC), a Senior QA manager takes the lead in devising the overall test plan strategy, which includes assessing the efforts and costs needed for the project. Additionally, this phase involves defining the resources required, identifying the necessary test environment, setting test limitations, and establishing the testing schedule. The Test Plan document is created and finalized during this phase to provide a roadmap for the testing activities.
* Activities in the Requirement Phase Testing include:
* Drafting a comprehensive test plan or strategy document covering various testing types.
* Selecting appropriate testing tools to support the testing process.
* Estimating the effort required for testing activities.
* Planning and allocating resources, and defining roles and responsibilities within the testing team.
* Identifying any training needs for team members to enhance their testing skills.
* Deliverables of the Requirement Phase Testing encompass:
* A well-defined test plan or strategy document outlining the testing approach and methodologies to be followed.
* Documentation detailing the effort estimates for testing activities.

Q33. What is priority?

* Priority in software testing refers to the relative importance or urgency assigned to a defect, bug, or testing task based on its impact on the software's functionality, performance, or business objectives. It determines the order or sequence in which defects should be addressed or testing tasks should be executed, with high-priority items requiring immediate attention and resolution.

Q 34. What is severity?

* Severity in software testing refers to the degree of impact or seriousness of a defect, bug, or issue on the functionality, performance, or usability of the software. It measures the extent to which a defect affects the software's ability to operate as intended and the severity of its consequences.

Q35. Bug categories are…

* Security
* Database
* Functionality (Critical/ General)
* UI

Q36. Advantage of Bugzilla

* Customizable workflows for tailored bug management.
* Centralized bug repository for unified tracking.
* Powerful querying and reporting features.
* Automated email notifications for timely updates.
* Seamless integration with version control systems.
* Support for custom fields and extensions.
* Active open-source community support.
* Scalability and performance for large projects.

Q37. Explain the difference between Authorization and Authentication in Web testing. What are the common problems faced in Web testing?

|  |  |
| --- | --- |
| Authentication | Authorization |
| Authentication verifies the identity of a user accessing a web application. | Authorization determines what actions or resources a user can access after authentication. |
| It ensures the user is who they claim to be. | It controls access to specific features or data based on the user's permissions. |
| Common methods include username/password, biometric, and multifactor authentication. | Common mechanisms include access control lists (ACLs) and role-based access control (RBAC). |
|  | Authorization determines what actions or resources a user can access after authentication. |

* Common problems in web testing include:
* Cross-browser compatibility issues
* Responsive design across different devices
* Security vulnerabilities like SQL injection and XSS
* Performance optimization challenges
* Accessibility compliance
* Integration testing with external systems
* Data integrity and protection
* User experience (UX) concerns

Q38. To create HLR & TestCase of WebBased (WhatsApp web , Instagram)

1. WhatsApp Web :

|  |  |  |
| --- | --- | --- |
| 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 |

1. 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 |

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: aye.jasleen  Password: tyuf@345 | 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:aye.jasleen | 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: tyuf@345 | 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: aye.jasleen  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: aye.jasleen  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:kogkgotkg4567@rrpokrpk  Password: 34506hjy6wr4 | 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: aye.jasleen  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: aye.jaslee  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-aye.jasleen/jkaur9452@gmail.com/6351811185 | 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: dbpbkois/  Phone number: 6351811185/  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 |

Write a scenario of only Whatsapp chat messages

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the user has a vaild whatsapp account | Verify if sending the messages empty with no content |
| 2 | Verify that users can send text messages to individual contacts | Verify if sending messages exceeding the character limits it will unable to deliver |
| 3 | Verify that messages are send is delivered immediately | Verify if sending the messages with unsupported characters |
| 4 | Verify that the user is able to receive messages quickly | Verify if sending messages to nonexistent contact in the user list |
| 5 | Verify that the user can share the photos, videos and documents in individual chats | Verify if sending message in offline mode without internet conectivity |
| 6 | Verify that user can use the emojis and stickers in individual chats | Verify if sending photos to the reciever the photos and videos quality is degraded |
| 7 | Verify that the user can share contacts and locations in individual chats | Verify if the video is too long the individual will not be able to send the video |
| 8 | Verify that messages display the accurate timestamps | Verify if the video is too short can be converted into gif and its playback does not stop |
| 9 | Check that the read receipts are displayed accurately unless stated otherwise in the privacy setting | Verify If the chat history is scrolled up and recent message in the chat window is unabled to redirected |
| 10 | Verify that users can react to the messages individual | Verify if sending messages with disapearing after certain time limit unable to fetch the message |
| 11 | Verify that user can mute notifications for a individual chat messages | Verify the pervious chat history is unable to load when logged in different device |
| 12 | Verify that users can delete the individual messages | Verify if searching the message with key word limited search available on different device |
| 13 | Verify that user can send voice messages individual | Verify if sending the message with attachment and is too large the message will not be able to deliver |
| 14 |  | Verify if user has the low phone storage the user will not be able to send message |
| 15 |  | Verify if the message will not be delivered due to network interuption till then it will be on the draft |
| 16 |  | Verify if sending message with large number of recipents but some are unable to fetch the message |
| 17 |  | Verify if deleting the message that will notify the reciever |
| 18 |  | Verify if chat is archived when new message is received but it will not notify in the notification bar |
| 19 |  | Verify if the user is unable to send message only able see through the chat from chat box by pressing the profile to long |
| 20 |  | Verify if user has draft the messsage but unable to see in the message box |

 Write a Scenario of Pen

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the type of pen ball pen, gel pen, click pen, etc | Verify that some ball pen does not ink indicator , it has to be checked by unpack |
| 2 | Verify the pen the ink colour | Verify that some ball pen ink islighter by usage |
| 3 | Verify the pen has a proper grip to hold the pen | Verify that the some pen are having darker ink having the higher chances of leaving the impression on the back side of the page |
| 4 | Verify the pen has a adequate weight to hold the pen when writing | Verify that the pen nib is broken the leage possibilities increases |
| 5 | Verify the pen has a cap to cover the nib of pen | Verify that the pen nib can sharp can be harmfull object if not covered with the lid |
| 6 | Verify the pen cap has a proper hold to be clip on the shirt | Verify that the pen nib is small as compared to the size of pen |
| 7 | Verify the pen flow is proper after testin it on the paper | Verify the ink of pen is different shades of regular ink colour |
| 8 | Verify the pen has properly clicking in click on pen | Verify the pen cap does not have the holder it will roam frelly at the pocket |
| 9 | Verify the pen has a proper dimensions to hold | Verify that the pen does not have any lid highr chances of getting leakage in cloth, bag , etc |
| 10 | Verify the brand/ logo name of company is visible | Verify that the pen grip is to small to hold the pen properly |
| 11 | Verify the pen ink odor when testing on the paper | Verify that the pen grip rubber is loose then it will be slippery while using the pen |
| 12 | Verify the pen has a proper ink flow while writing on the paper | Verify that the pen does not have any grip then it become slippery |
| 13 | Verify the pen is leakproof when its facing strainght / down side | Verify that the click pen spring can get losse and it is not working |
| 14 | Verify the pen is drop from height it should be working fine | Verify that the click pen has different type of ink sometimes it does not have proper colour of ink |
| 15 | Verify anything written in the pen is erasable or not | Verify that the pen does not have proper flow of ink once its fown down |
| 16 | Verify the ink should dry quickly to avoid getting spill by hands | Verify that the ink pen ink is not easy to refill from ink bottle chances are higher of spilling ink |
| 17 | Verify the ink is waterproof incase the written gets eased by spill of water | Verify that the pen is not working even the ink is full even after checking |
| 18 | Verify the ink should not get fade as the time pass by | Verify that the company name is removed unable to identify the brand name |
| 19 | Verify the adequate amount of ink is released while writing to leave no impression on the back page | Verify that the duplicy of the product from the famous brand can be done easily |
| 20 | Verify the user is able to write normally at thecertain angle | Verify that the pen is not used from a long time the ink is dried up and unable to use |
| 21 | Verify the pen supports the multiple refills | Verify that the pen is made of plastic can be easily broken if thrown from some height |
| 22 | Verify the pen has proper space to store the ink for the ink pen ] | Verify that the pen is brought in the bulk some will work and some wont |
| 23 | Verify the pen has visibility by having the ink indicator | Verify that the pen is having the cap still the ink Is leaked |
| 24 |  | Verify that the pen is to sleak it can be easily fit somewhere in the bag and unable to find |
| 25 |  | Verify that the effect of oil and other liquids on the text written with the pen |
| 26 |  | Verify the functionning of the fan when a user tries to write on unsupported surface like glass, plastic, wood |
| 27 |  | Verify if the pen works normally or not when used after immersing in water or any other liquid for some perid of time |
| 28 |  | Verify that the user is able to write with a pen upside down |
| 29 |  | Verify that functioning of the pen by applying extreme pressure |
| 30 |  | Verify that the pen functioning at extreme tempratures |

 Write a Scenario of Pen Stand

|  |  |  |
| --- | --- | --- |
| 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 |
| 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 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 |  |

 Write a Scenario of Door

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the types of door is made of wooden, steel, iron, glass etc | Verify that the door does not has proper handle t ohold |
| 2 | Verify the door is automatic , manual to know the door functions | Verify that the door has proper frame structure |
| 3 | Verify the door size is big, small, to know how many persons can enter at a time | Verify that the incorrect door swing in the wrong direction to be pulled |
| 4 | Verify the door is of the use for house, offices, schools, hospitals etc | Verify that the door has the damage seal that will not proptect from extrme weather |
| 5 | Verify the door is wooden the proper greasing is maintained to work propperly | Verify that the door has the resistance to the extrme temprature or humidity conditions |
| 6 | Verify the door is of iron the rusting does not create an problem | Verify that the door is jamed and not responsive during the emergency exit |
| 7 | Verify the door is of the glass the width of the glass should be maintained | Verify that the door does not have the proper security system |
| 8 | Verify the door is of glass the stopper should be working properly | Verify that the door closure speed is mainted or not if stopper is not working it can shut forecfully or to slowly |
| 9 | Verify the door is of the glass the messsage should be showed to which way the door will be opened | Verify that the space is wide in door that an wheelchair can easily pass through |
| 10 | Verify if the door are automatic it should make a sound/ beep before opening | Verify that the door is having the fire safety regulations to ensure it closes properly in case of a fire |
| 11 | Verify the glass door has a sheet then privacy can be maintained | Verify that the door is wind resistance that sustain in any weather conditions |
| 12 | Verify the door is as per the dimesions | Verify that door has the restistance to scratching, graffiti etc |
| 13 | Verify the door is having the proper locking system | Verify that the door has the tolerance of the forced entry by applying extreme force |
| 14 | Verify the door is sliding or bi foled door | Verify that the inserting the incorrect key t obreak the lock |
| 15 | Verify the door is of glass the proper lamination should be maintted | Verify that the damag and broken key unlocks the locks or not |
| 16 | Verify the wooden door is having the peephole should be only one way | Verify that the key gets jam by getting stucked or malfunctioning the lock |
| 17 | Verify the door is wooden lamition should be smooth | Verify that the unauthorized access by tresspassing the door |
| 18 | Verify the door is having a proper holding to open the door | Verify that the door misalignment from frame |
| 19 | Verify the door's locking system is working properly | Verify that the hinge failure by applying excessive force of the door |
| 20 | Verify the automatic doors sensors should be working properly | Verify that the electronic door lock failure by power failures or malfunctions |
| 21 |  | Verify that the automatic door path by placing objects in fron of it |
| 22 |  | Verify that the door functions the same in the exterme temprature conditions |
|  |  | Verify that the indequate securtiy of door by forced entry, drilling or cutting |

 Write a Scenario of ATM

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the machine is operative | Verify that the entering the incorrect pin by multiple times to access the account |
| 2 | Verify the the user interface is being interactive | Verify that the using the tampered card with a skimming device to steal the information |
| 3 | Verify the card reader is working properly | Verify that the card is stolen by entering the same card it should be bloked |
| 4 | Verify the account is properly linked with the atm machine | Verify that the unauthorised person accessing the card for the transactions |
| 5 | Verify the machine screen and keybuttons is operative | Verify that withdrawing the higher amount of available balance by showing the erorr |
| 6 | Verify the customer has choosen the language in machine is properly selected | Verify that the currency jammed from the cash dispenser |
| 7 | Verify the customer is directed to the process smothly | Verify that the nework connectivity issue such as timeouts or disconnections |
| 8 | Verify the machine touch screen is operational | Verify that the transactions timeout for delalying the process |
| 9 | Verify the pin number should be unique and accepted | Verify that the transaction recipt printing by getting jamed or stucked |
| 10 | Verify the pin number has limited trails | Verify that the account balance shows the error |
| 11 | Verify the cash widhrawal is available | Verify that the accessibilty of the visually impaired person |
| 12 | Verify the fast cash is available, if not proper message is displayed | Verify that the software vulnerabilities by crashing the system |
| 13 | Verify the user is able to widraw the set amount deduction | Verify that the language support the mutliple language for the users |
| 14 | Verify the user is able to check the available balance in the account | Verify the atm to sustain on the extreme weather conditions |
| 15 | Verify if the user able to do one transaction at a time | Verify the power failure by outrages the data integrity preservation, recovery mechanisums |
| 16 | Verify if the user able to do the transaction in the limited time set | Verify that the card reader malfunctions of the magnetic strip errors |
| 17 | Verify the time out is working properly | Verify the emergercy customer support or displaying emergency contact information of unforeseen issues |
| 18 | Verify the recipt printing working properly | Verify that the physical security breach such as alarms or locks |
| 19 | Verify the acount was successfully log out | Verify thar the acessibility of features such as keypad , screen visibility for the user disabilities |
| 20 | Verify the after log out the main screen is visible | Verify that the ATM accurately logs transaction details for troubleshooting purpose |

 Write a scenario of Microwave Owen

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the type of microwave oven is electric | Verify that the microwave oven is maintaing the proper temperature outside when in use |
| 2 | Verrify the oven is as per the dimensions for the mutipurpose use | Verify that the microwave oven has the voltage cut off in case of high voltage |
| 3 | Verify the oven has a set voltage of current | Verify that the only microwave oven utensils are used, otherwise it will be risky |
| 4 | Verify the oven has a proper displayed instructions for the consumer | Verify that the microwave oven has enough air space for the ventilation |
| 5 | Verify the oven has a functions buttons are properly | Verify that the body of the icrowave oven is not to hot will in use |
| 6 | Verify the oven is properly heating the food in the set timer | Verify that the microwave oven has properly functioning buttons for the usage |
| 7 | Verify the oven has a door is locked properly | Verify that the microwave oven has the proper lighting that user can see through the window |
| 8 | Verify the oven properly notify when it timer sets off | Verify that the microwave oven should have proper alarming sound to notify the user |
| 9 | Verify the food heats with the desired temperature | Verify that the microwave oven has the auto cook functionality for food it should able to cook it properly |
| 10 | Verify the usable products for the oven that can prevent any mishap | Verify that the microwave oven has a proper handle to open the door properly |
| 11 | Verify the oven has proper manual guideance for the first time user | Verify that the microwave oven has proper locking system for the door |
| 12 | Verify the text written over the body of oven is readable properly | Verify that the micowave oven glass plate shouls start rotating when the ON button on the screen is pressed |
| 13 | Verify the oven plate is rotating properly with the optimal speed to avoid chance of spil off | Verify that after switching on/off the powe supply for the microwave the Led lights gets switched off |
| 14 | Verify the oven door is partily visible inside the oven in use | Verify the buttons are available properly and the naming of button is clear |
| 15 | Verify the oven has a functionality to cook different food with proper instructions | Verify the button size are not to large and hard to press |
| 16 | Verify the oven functionality is working properly with different temperatures | Verify that the glass tray should be properly placed else higher chances of disbalance |
| 17 | Verify the oven functionality of having long power cords | Verify that the microwave oven maintain the adequate temperature for heating |
| 18 | Verify the oven has properly mentioned the adequate weigths of the containers | Verify that there is no microwave leakage from the device. If it is there it should not exceed the recommended limit |
| 19 | Verify the oven notify the food is ready and ready to collect after a time to remind | Verify that the power consumption of the microwave. |
| 20 | Verify the oven has power cut off due to trip of high voltage | Verify that the sudden current outrage could damage the oven |
| 21 | Verify the oven body is accidental proof | Verify that the sudden cut of electricity the food inside the microwave is still uncooked |
| 22 |  | Verify that the plate rotates at an optimal speed and not too fast to spill food. |
| 23 |  | Verify that the manual user is only of different language the native language is difficult to translate |
| 24 |  | Verify that the disconnecting power while cooking is in progress |
| 25 |  | Verify that the maximum usage of the microwave oven the condition should be marked |
| 26 |  | Verify that the plug cable has the proper length for the adjustment |
| 27 |  | Verify that the plug is of the proper shape of the switch board other wise it will be loose while plugging , chances of shortcircuit |

 Write a scenario of Coffee vending Machine

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the type of vending machine automatic, manual | Verify that coffee wending machine is only operatrable when the electicity supply is available |
| 2 | Verify the machine body structure is too big or small | Verify that machine takes all the input and delayed in the output process |
| 3 | Verify the machine color is trending | Verify that the machine works when empty sensors should be in working |
| 4 | Verify the machine is user friendly | Verify that the machine works when user enters a coins |
| 5 | Verify the machine has a proper display of the contents | Verify that the machine works when user enters a fake coins |
| 6 | Verify the machine has proper outlet | Verify that the machine works when add functionality in the software |
| 7 | Verify the machine has a proper inlet | Verify that the machine gives the output in the specific amount of time |
| 8 | Verify the machine is shock proof | Verify that the machine works when two functions are pressed and gives the desired output |
| 9 | Verify the machine has a set power voltage | Verify that the machine works when all functions are pressed together |
| 10 | Verify the machine has working touch buttons | Verify that the machine is of heavy duty it makes more sound |
| 11 | Verify the powerand functions buttons are working properly | Verify that the machine is old and buttons are not much operative |
| 12 | Verify the notificatin to change the coffee filter timely | Verify that the machine will ony work when the electric has the supply |
| 13 | Verify the vending machine is noise free | Verify that the machine has the load capacity if the usage is heavy |
| 14 | Verify the machine is leak proof | Verify that the machine auto sensors failure can also be an issue |
| 15 | Verify the vending machine is maintaining the temprature per serving | Verify that the machine timer is not appropriate |
| 16 | Verify the vending machines notify the refilling of the ingredients | Verify that the machine has the bowls can often become clogged with dried up residue not being cleaned |
| 17 | Verify the vending machine does not vibrate due to any malfunctions | Verify that the machines can over fill the cups |
| 18 | Verify the vending machine should maintain the proper time frame to prepare the coffee | Verify that the user leaving the drip tray filled and messy |
| 19 | Verify the vending machine should have the standard weight and height | Verify that the quality is degraded if product gets old |
| 20 | Verify the vending machine should be portable | Verify that customization is limited |
| 21 |  | Verify that the internal parts can be broken and not visible by the hard body |
| 22 |  | Verify that the proper maintenance is not done |
| 23 |  | Verify that the coffee can get contaminated if it is kept for long time |
| 24 |  | Verify that the components are not able to filter out after a long time |
| 25 |  | Verify that the machine is manual then proper operating is known |
| 26 |  | Verify that the machine is not maintaining the heat temperatures |
| 27 |  | Verify that the proper mixing is not done if the machine did not notify |
| 28 |  | Verify that the time out scenarios where the user is unable to complete the process |
|  |  | Verify that the touch screen is not taking the proper input |

 Write a scenario of chair

|  |  |  |
| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the type of Chair wooden chair, office chair, reclining chair etc | Verify that the applying the excessive pressure on the chair to bear the load |
| 2 | Check the material of the chair metal , iron, plastic, wooden | Verify that the leg stability is tilting or not to impact durability by by breaking or bending |
| 3 | Verify the chair is stable or rotating wheels | Verify that the seat surface to test its resistance to deformation, sagging or tearing |
| 4 | Verify the chair stabilty and durabilty | Verify that the seat durability by aplying thr pressure on the surface |
| 5 | Verify the chair is comfotable in siting | Verify that the backrest strength is strong enough to hand the pressure |
| 6 | Verify the chair purpose of use for studying, office , resting , school | Verify that the armrest stability by applying the force into it |
| 7 | Verify the quality of build and looks of the chair | Verify that the welding the joints and maintain the durability |
| 8 | Verify the chair height is nominal and matches with desks | Veriy that the material is used in building the chair is durable to resist the wear anfd tear |
| 9 | Verify the chair is haing the arm rest , cushion seating , proper back rest | Verify that the height adjustment mechansium is wrking or not |
| 10 | Verify the chair has rotating wheels is rollingvproperly , drag the chair front and back | Verify that the recling mehanism it operates smoothy and securely |
| 11 | Verify the chair is having hydrolics adjustable height | Verify that the swivel are rotating smoothly |
| 12 | Verify the price of chair is affordable | Verify that the stability of chaiton the various surface to ensure it does not slip |
| 13 | Verify the chair is rotating properly and smoothly | Verify that the cushion comfort is maitintaing the comfort after sitting on it for a long time |
| 14 | Verify the wodden chair is having grips on the legs | Verify that the edge durability of the seat and back rest and cracking |
| 15 | Verify the chair is having the writing pad that is properly fixed | Verify that the armrest comfort by provind the assess the comfort level of the armrest by not causing pain/ discomfort in the pressure points |
| 16 | Verify the longitivity of the chair | Verify that the safety standards by complies with safety standards , stability , weight capacity |
| 17 | Verify the chair is timely serviceable to avoid the noices of the spring | Verify that the chair is sustaining by exposing to various enviornment conditions |
| 18 | Check the material of the paint and color for the application on chair | Verify that the chair safe for children by testing the stability |
| 19 | Verify the weight of the chair is as per specifications | Verify that the mobility features as the rotating wheels are rolling smoothly |
| 20 | Verify the chair is refurbished the quality is up to mark | Verify that the design of chair is as per the requirements |
| 21 | Verify the chair as per catlogue is similar or not | Verify that the chair is making noise by rolling in the surface from one place to anoher |
| 22 | Verify the chair is portable | Verify that the long term durability of the chair |
| 23 | Verify the chair can be easily repairable by the consumer |  |

* Create Scenario of Gmail

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| --- | --- | --- |
| **SR NO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | verify that the gmail open perfectly with google chrome or not. | verify that the Gmail received mail page experiences loading times and also user frustration. |
| 2 | verify that the after configuration gmail should open perfectly or not. | verify that the page become a laggy when handling large number of received emails. |
| 3 | verify that the Gmail open all mail. | verify that the sorting option fails to arrange emails by date, sender or subject. |
| 4 | verify that the primary option is perfectly working or not. | verify that the some received email not display on the page. |
| 5 | verify that the promotion option is perfectly working or not. | verify that the unread count email does not update correctly. |
| 6 | verify that social option is perfectly working or not. | verify that the search feature dose not return proper result for specific emails. |
| 7 | verify that the select all option is perfectly working or not | verify that the complex formatting or attachment are not rendered correctly on the page. |
| 8 | verify that the refresh mail option is perfectly working or not. | verify that the filters are fail to organized emails correctly as per defined rules. |
| 9 | verify that mark all as read option is perfectly working or not. | verify that the order of received emails changes unexpectedly affecting user organization. |
| 10 | verify that the old and new option is perfectly working or not. | verify that the total count of received email does not mate the actual number of mails in the mailbox. |
| 11 | verify that the select email option is working or not. | verify that the user find a lack of option for customizing the layout . |
| 12 | verify that the starred option is perfectly working or not. |  |
| 13 | verify that when user click on mail it's open mail properly or not. |  |
| 14 | verify that if user put curser on name it's show proper details |  |
| 15 | verify that the add to contact option is perfectly working or not. |  |
| 16 | verify that the open details view functionality is working or not. |  |
| 17 | verify that the send mail option is working or not |  |
| 18 | verify that the send massage option is working or not. |  |

2. Online shopping to buy product (flipkart)

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| --- | --- | --- |
| 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 |
|  | Verify that the company logo and name are proper visible | Verify if network is poor then we cannot buy it |
| 2 | Verify user is navigate through all the products across different categories | Verify if the product is out of stock when in high demand |
| 3 | Verify that all the link and banners are redirecting to the correct product/ category pages and none of the links are broken | Verify if product reviews are some fake from the customers |
| 4 | Verify that user can watch product description properly | Verify the product description is limited |
| 5 | Verify that all images of product is properly visible | Verify the product return policy is not clearly mentioned |
| 6 | Verify that relevant product is shown below selected product image | Verify the product deliverly date is to late due to the availabilty |
| 7 | Verify that on search product all related product image is come on page | Verify the coupon code gets invalid during the checkout |
| 8 | Verify that the correct count of total product is displayed on the category pages | Verify if When placing the order with inssuficent funds |
| 9 | Verify that liked product is add to your wish listed | Verify if When placing the order with invalid shipping address not supported by flipkart |
| 10 | Verify that filter category the product which user required | Verify if the product is add to cart with invalid number of quantity |
| 11 | Verify that filter show right number of selected category | Verify the payment mode is not with invalid currency only through the inr |
| 12 | Verify that according to user need it choose price range | Verify if the same product by different distributor with different price |
| 13 | Verify that user choose category of product size | Verify the product information is not completely given |
| 14 | Verify that user choose discount range | Verify if the product page is unresponsive due to slow to load |
| 15 | Verify that user select the brand of product | Verify the of information is not completely given |
| 16 | Verify that user select the colour of product | Verify the payment Failed during the process in the payment gateway |
| 17 | Verify that add product add to cart | Verify the customer support is unresponsive related to the product issue |
| 18 | Verify that share the selected image to other one | Verify the product availablity is inconsistent across the different regions or user accounts |
| 19 | Verify that key highlights of product | Verify the data privacy breach by unauthorized access to personal information |

Write a Scenario of Wrist Watch

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| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the type of watch analog or digital | Verify that the watch is old it will stop working |
| 2 | Verify the material of the watch - Plastic, leather, steel, etc | Verify that the watch is too old the glass gets dirty |
| 3 | Verify the watch is analog the digits are shown correctly | Verify the analog watch not showing the proper time whwn the battery replacement is needed |
| 4 | Verify the dial is too big, normal, small | Verify the dial size is too small the time is not visible |
| 5 | Verify the dial has the indicators to identify the exact time of the analog watch | Verify that the dial glass is broken the unable to wear the watch |
| 6 | Verify the cells are properly working | Verify that the numbers are misprinted then correct time will be unkown |
| 7 | Verify the watch is waterproof or not as per the specifications | Verify that the battery is about to get weak the watch will not be operatable |
| 8 | Verify the belt is of the proper material | Verify the material used in the watch belt is becomes heavy |
| 9 | Verify the watch is properly showing the date and day accurate | Verify the leather belt gets the marks if frequently the pin is locked at the same hole |
| 10 | Verify the watch is manual the screen is responsive | Verify that the leather belt is gets too old the elasticity is gone |
| 11 | Verify the analog watch text colour is readble or not | Verify the some watch is unable to change/ replace the belt |
| 12 | Verify the reset key is able restart the watch in case of any issue | Verify that watch is not waterproof the damage chances are higher |
| 13 | Verify the watch is having any heating issue to much exposure to the sun | Verify that the brand value increases the cost of the watch |
| 14 | Verify the formate of watch should ve 12 or 24 hours | Verify that the watch is manufactured of different rigion the manual language is gets a difficult read |
| 15 | Verify the smart watch is able to auto detect the different time zone | Verify that the watch is delecate there are high chances of getting damage |
| 16 | Verify the watch is able to bear the exterme weather conditions | Verify the watch battery is dead we are not able to operate it |
| 17 | Verify the watch is of adequate weight to be easily wearable | Verify the function button is not working then unable to operate |
| 18 | Verify the watch mechanisum is easily understanable | Verify the steel watch can be to harsh while its wearable |
| 19 | Verify the dail glass covering is of glass, plasstic is of good quality | Verify the brand of the watch is erased due to high sweating on the long run it will be unable to recognise the brand |
| 20 | Verify the blet has proper magnet to adjust with the size of the hands | Verify the spare parts of the watch is unavailable in the market it is no longer in the use |
| 21 | Verify the leather blets are having proper holes to fit in the hand properly | Verify the alarm is set on the watch due to misfunction the alarm did not ring the feature became ireliable |
| 22 | Verify the ticking sound of the waltch is not to noisy | Verify the alarm noise is to load it can disturb others during office, class room etc |
| 23 | Verify the alarm is set in the watch is working properly | Verify the mechanisum watch is having to many features it can be confusing |
| 24 | Verify the brand of the watch is properly visible | Verify that the watch is having an duplicacy |
| 25 | Verify the battery requirement of the watch | Verify the watch ticking sound is loud |
| 26 |  | Verify the steel watch can be too noisy when hitting the surface |
| 27 |  | Verify the steel watch lock is loose unable to tie in hand |
| 28 |  | Verify the leather belt has limited lock holes and it cannot be fit properly in hands |
| 29 |  | Verify that the functioning the proper way in higher altitude |
| 30 |  | Verify that the watch is having a navigation it shuld navigate properly to the user for the direction |

Write a Scenario of Lift(Elevator)

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| --- | --- | --- |
| **SRNO** | **Test Scenario (Positive)** | **Test Scenario (Negative)** |
| 1 | Verify the type of lift passanger lift, hospital, appartment, office etc | Verify that the lift has the proper space for entry and exit to avoid space congestion |
| 2 | Verify the liftmaterial is of iron, steel, wodden, glass | Verify that the lift has the proper working button for navigating the destination |
| 3 | Verify the lift capacity is capsule, spacious, small | Verify that the lift has the display functionality is working properly to direct the floor |
| 4 | Verify the lift has properly mention the load capacity in one time usages | Verify that the lift has too much load it can be stopped in the middle |
| 5 | Verify the lift has proper digital display on the control panal | Verify that if electricity cut off the sudden darkness can scare the passenger |
| 6 | Verify the lift has a button working properly to reach the certain floor | Verify that the lift is not maintained properly it can be dangerous |
| 7 | Verify the lift has mainted the speed of traveling to reach the distination | Verify that the lift door is open sometimes it can be risky for childrens |
| 8 | Verify the lift has proper ventilation system | Verify that lift buttons are not working properly cant reach the destination |
| 9 | Verify the lift has a door sensor working properly | Verify that the lift is maintaince the top floor passenger will be unable to commute |
| 10 | Verify the lift has a emergency button is working at the time of any mishap | Verify that the lift is transperent it can be scary for the heightds |
| 11 | Verify the lift has automatic fans turns on while the passenger enters | Verify that lift is does not go to the basement but there is button |
| 12 | Verify the lift has a power back up to reach the nearest floor to safely drop the passenger when the power cuttof | Verify that the lift fan is not working it can suffocate |
| 13 | Verify the multiple floors are pressed it should stop on each floor | Verify that lift has to much wide it takes more time to reach |
| 14 | Verify the lift glass is clear to give a look number of passengers in lift | Verify that lift has paitient than sudden cut off electricity can also be hazardeous |
| 15 | Verify the lift has a warning alert in case of overloading | Verify that lift is closed and virus can easily transmitted |
| 16 | Verify the lift has a proper display function when passenger is waiting for the lift | Verify that the lift is not properly closed and shut the lift will should move |
| 17 | Verify the lift is properly maintained timely | Verify that the lift has the proper sensors of closing/ opening the door |
| 18 | Verify the lift the doors are of wooden then it should be easily opened with the little man push | Verify that the lift has sudden stoped in between the floor should have the security button to reach out to him |
| 19 | Verify the light in lift is properly working | Verify that the lift have the power back up it can drop the passenger on the next floor |
| 20 | Verify the doors should not open in the middle of the floor while stuck | Verify that the lift have the wooden door it can be jammed due to the rainy season |
| 21 | Verify the proper dimension should be same as per the requirements | Verify that the lift has the open siders that can be dangerous for childrens |
| 22 | Verify the fan in lift should have adequate speed for the ventilation | Verify that the lift has the security camera not working can be useless for tracking any mishaps |
| 23 | Verify the lift has proper sound system when passenger is travelling | Verify that the lift the commercials stickers are pasted that can destory the look of the lift |
| 24 | Verify the lift has a lift has double door it should timely open when reached the destination | Verify that the lift is not properly cleaned thelift will be smelly |
| 25 |  | Verify that the lift has to doors sometimes it does not indicate will door will open |
| 26 |  | Verify that the lift does not have any fire alarm |
| 27 |  | Verify that someone pressed the all buttons and cant undo to reach the destination |
| 28 |  | Verify that the lift does not have touch button that can be unfriendly for the blind people to use |
| 29 |  | Verify that the controls are not guiding by voice message |

Write a Scenario of whatsapp Group (generate group)

|  |  |  |
| --- | --- | --- |
| SR NO | positive test scenario | negative test scenario |
| 1 | verify that the Whatsapp download perfectly with the play store. | Verify that there has no limit of member adding function |
| 2 | verify that the Whatsapp download perfectly with the google crome. | Verify then when we are typing then all of the group member was seen that a person with name was typing . |
| 3 | verify that the configuration of Whatsapp working or not. | Verify that in group video call limited member would be join. |
| 4 | verify that the after configuration Whatsapp should open chats or not. | Verify that the group dp was changed by any one it's also seen on other member. |
| 5 | verify that if the user add in groups then all groups are shown is chat section | Verify that the user send more then 10 image at a time . |
| 6 | verify that the all group member name is show above the group. | Verify if the user is not admin is not able to change Do of wallpaper. |
| 7 | verify that the emaoji is working or not. | Verify that the captured image is perfectly stored in gallery |
| 8 | verify that the enter the massage is working or not. | Verify when the user on group use the camera option that mobile phone camera gets on or not. |
| 9 | verify that the share option is perfectly working or not. | verify that the other member of group is not able to kick another member |
| 10 | verify that the pay option is working or not. | verify that the admin of group is muted and kicked another member is working or not |
| 11 | verify that the camera option is working or not. | verify that if other member send inappropriate massage then the admin of group is able to delete that massage or not. |
| 12 | verify that the audio option is working |  |
| 13 | verify that the video call option is working or not. |  |
| 14 | verify that the audio call is working or not. |  |
| 15 | verify that the group info is working or not. |  |
| 16 | verify that the group media option. |  |
| 17 | verify that the search option is working or not. |  |
| 18 | verify that the wallpaper option is working or not. |  |
| 19 | verify that the leave group option is working or not. |  |

Write a Scenario of Whatsapp payment

|  |  |  |
| --- | --- | --- |
| SR NO | positive test scenario | negative test scenario |
| 1 | verify that the Whatsapp download perfectly with the play store. | Verify that the whatsapp payment methode is same as other online payment app . |
| 2 | verify that the Whatsapp download perfectly with the google crome. | Verify that the BHIM/UPI password also used in whatsapp pay . |
| 3 | verify that the configuration of Whatsapp working or not. | verify that the some bank is not avalivble in this payment. |
| 4 | verify that the after configuration Whatsapp should open chats or not. | Verify that if we transfer big amount so we can take permission. |
| 5 | verify that the payments option is working or not. | Verify that whatsapp show perfatct bank balance |
| 6 | verify that the add bank account option is working or not. | verify that the other functionlity like gas payment ,bill payment and other is not avalible. |
| 7 | verify that the send payment option is working or not. | verify that the Qr code is properly working or not. |
| 8 | verify that the scan qr code option is working or not. |  |
| 9 | verify that the chat with business option is working or not. |  |
| 10 | verify that the all payment history is shown or not. |  |
| 11 | verify that the add payment methode is working or not. |  |
| 12 | verify that the help option is working or not. |  |