**• What is load testing?**

Load testing gives confidence in the system & its reliability and performance.

• Load Testing helps identify the bottlenecks in the system under heavy user stress scenarios before they happen in a production environment.

• Load testing gives excellent protection against poor performance and accommodates complementary strategies for performance management and monitoring of a production environment.

**• What is stress Testing?**

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

• Stress testing is used to test the stability & reliability of the system. This test mainly determines the system on its robustness and error handling under extremely heavy load conditions.

**• Write a Scenario of Pen**

Answer is in Scenarios sheet

**• Write a Scenario of Pen Stand**

Answer is in Scenarios sheet

**• Write a Scenario of Door**

Answer is in Scenarios sheet

**• Write a Scenario of ATM**

Answer is in Scenarios sheet

• **When to used Usablity Testing?**

If possible, usability testing can and should be conducted on the current iteration of a product before beginning any new design work, after you’ve begun the strategy work around a brand new site or app.

**• What is the procedure for GUI Testing?**

* Testing the size, position, height, width of the visual elements.
* Verifying and testing the error messages are displayed or not.
* Testing different sections of the display screen.
* Verifying the usability of carousel arrows.
* Checking the navigation elements at the top of the page

**• Write a scenario of Microwave Owen**

Answer is in test Scenarios sheet

**• Write a scenario of Coffee vending Machine**

Answer is in test Scenarios sheet

**• Write a scenario of chair**

Answer is in test Scenarios sheet

**• To Create Scenario (Positive & Negative)**

1. facebook Chat on Mobile.

|  |  |
| --- | --- |
| **Positive** | Negative |
| Check the received messages counts should be displayed on the ‘Facebook Message’ icon | Verify if the message does not get sent after clicking on the entering button how can I send the massage |
| Check that only ‘message contacts’ will display on the left-hand side of the message box | Verify if copy, and paste does not work in the chat box ,how can I copy the text. |
| Check received messages counts should be displayed with Inbox on the ‘Messages’ page | Verify if the user is not able to send special characters in Chat then how can I send special characters. |
| Check unread messages are highlighted so that the user can identify it | Verify if the User is not able to share hyperlinked URLs, Emails, then how can user send the link |
| Check ‘Active’ users display with a green dot in the message box | Verify if that spell functionality does not work fine in the chat box. How I know message sent is spelt well |
| Check the profile picture display on the left-hand side of the inbox is correct for each user | Verify if I can not send more than 10 world in chat box. |
| Check the user gets all received messages in his inbox. | Verify if the user is not able to delete the sent message, then how can user delete massage. |
| Check that the User is able to share videos | Verify if that the user is able to delete multiple messages at a time |
| Check that the User is able to share file | Verify if that the user is able to view his sent messages on different devices |

1. Online shopping to buy product (flipkart)

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| --- | --- |
| Positive | Negative |
| 1. User should be able to add a product to the cart. | Verify if Adding a product to the cart is not working than how can I add product |
| Cart should retain the items even when the app is closed. | Verify if email does not get triggered to the email address or mobile number when a product is bought by the customer , |
| Coupons should be applied successfully to the cart | Verify if All the payment methods is not displayed than how can I choose my payment method. |
| Shipping costs for different products added to the cart | Verify if error message is not displayed on the UI when shipping is not available how do I know what is the problem. |
| Checkout should happen successfully for the items added to the cart. | Verify if user is not able to select the desired attributes of the product-on-product page such as size, colour, etc, then how can user add it’s size order. |
| User should be able to update items in the cart. | Verify if All the products which are added to the cart is not purchasable by than how can i purchase it |
| User should be able to add items to the cart. | Verify if Customers shouldn’t be able to add products to the cart, how can user purchase the product. |
| Taxes should be applied according to the delivery location. | Verify if user is able to buy the product which is added to the cart without the user is signed in. |
| Item count should be incremented when the user adds the same product again. | 1. Verify if whether users can not add a product to the wish list than how can I make my wish list. |

1. Write a Scenario of whatsapp Group (generate group)

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| --- | --- |
| Positive | Negative |
| Check an admin can add others as Admin. | Verify if the admin user can not able to delete people than how can admit remove a member. |
| Check if the admin is able to add people | Verify if the admin user can not able to ban users than how can admin ban a user. |
| Check the admin is able to delete people and add them back to the group | Verify if the admin user not able to delete all people in the group, than how to delete all member. |
| Check the admin user able to add people with the invite link | Verify if admin cannot restrict people to share information than it is difficult to control the massage. |
| Check if the admin able to add a max of 250 people in a group. | Verify if an individual user has posted something in a group, then that individual user is not able to delete the information on the group then who can delete it |
| Check admin can remove others from admin. | Verify if admin cannot change information/group name, than how can I change the photo. |
| Check admin can restrict users. | Verify if the person is removed from the group then that user will see the updates, which is wrong. |
| Check admin can add users into the group. | Verify if individual cannot see the text status read/seen by other group users, then how do I know who have seen the photo. |
| Check admin can remove from the group | Verify if the admin cannot change the group image, than how admin can change the photo |

1. **Write a Scenario of instagram ( video call with chat )**

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| --- | --- |
| Verify there is a minimum of two Users who should be available for the chat. | Verify if the User is not able to set their profile pic which is visible to other users then how do I know whom to I m chatting |
| Verify whether the user is able to create an Account in the Chat application or not. | Verify if the functionality does not save their Chat history, than how can I save it. |
| Verify that the Status (Active, Inactive, Invisible, etc.) of the User is changing or not. | Verify if the Users are not able to accept requests from other Users for chat, than how can I add user. |
| Verify how many words or characters can be sent at a time. | Verify if the Users are not able to join current Chat/discussion in their group. Than how can I send info to members. |
| Verify that Users are able to send requests to other Users for a chat or not. | Verify if the Users are not able to see the Chat history of the group, than how can I store the chat history. |
| Verify that any Medium like Internet, Wifi, Bluetooth, Public Switched Telephone Network, W-Lan Network, Lan Network, etc. should be available for the Chat functionality. | Verify if Users are not able to see current Chat/discussion in the group, than how can he/she see the group chat. |
| Verify that the Chat application should be launched or evoked. | Verify that Users are able to Chat with their group or not. |
| Verify that the Chat application has been installed on two devices at least. | Verify if Users are able not to create a Chat group, than how he can chat in group. |
| Verify there are a minimum of two devices (Desktop, Laptop, Phones, etc) that should be available | Verify if Users are not able to Add or Remove other Users from their Chat list, than how can I remove a person from chat. |

1. **Write a Scenario of Gmail receving.**

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| Positive | Negative |
| Verify that a newly received email is displayed as highlighted in the Inbox section. | Verify if the newly received email has not correctly displayed sender email Id or name, then how do I know the sender. |
| Verify that count of unread emails is displayed alongside ‘Inbox’ text in the left sidebar of Gmail | Verify if unread email count does not increases by one on receiving a new email, how do I know numbers of new emails. |
| Verify that all the emails read as well as unread have a mail read time appended at the end on the email list displayed in the inbox section. | Verify if the email cannot be received from non-Gmail email Ids like – yahoo, Hotmail , than how can user send me mail. |
| Verify that all the emails marked as read are not highlighted | Verify if the all received emails does not get piled up in the ‘Inbox’ section and get not deleted in cyclic fashion based on the size availability. |
| Verify that the attachments are scanned for viruses before download. | Verify if the email recipients in bcc are visible to the user, than how can I hide it. |
| Verify that any attachments are attached to the email and are downloadable. | Verify if unread email count does not decrease by one on reading an email than how do I know how many I have read. |
| Verify that the email contents are correctly displayed with the desired source formatting | Verify if on clicking the newly received email, the user is not navigated to email content or it does not open the mail. |