* **Negative test scenarios for WhatsApp.**

TS1: Verify that WhatsApp handles invalid phone number format during account registration without crashing.

TS2: Ensure that appropriate error message is shown when an invalid otp is entered during registration.

TS3: Check whether the app automatically detects the otp or not.

TS4: Check if we able to send messages with unsupported characters or formats to check if it is working properly.

TS5: Check whether we can send message over maximum character limit to others and check for any crashes.

TS6: Check whether the user can send or upload file larger than the maximum allowed size.

TS7: Check whether the user can send messages or call a person who has blocked the user.

TS8: Ensure that app doesn’t crash while sending large files.

TS9: Check whether the app is working properly and handles simultaneous incoming and outgoing calls.

TS10: Check whether messaging is possible after disconnecting from the internet.

TS11: Ensure that system doesn’t crash when bulk messages are deleted or entire chat histories.

TS12: Check if it is possible to send multiple images and videos at a time and ensure that it doesn’t crash.

TS13: Check if it is possible to send multiple no of images and videos that exceeds the limit.

TS14: Check whether we can add a greater number of people in the WhatsApp videocall and audio call that exceeds the limit.

TS15: Verify that upon deleting messages for everyone it is deleted completely for the sender and receiver.

TS16: Check whether if the user can send messages in a group in which the user gets removed.

TS17: Check while hiding the last seen it should not be displayed.

TS18: Check if the read recipients are turned off the blue ticks should not be marked.

TS19: Check the app behaviour when the storage is full or nearly full.

TS20: Check whether is it possible to send a blank message.

TS21: Check whether is it possible to send invalid file formats.

TS22: Check the app behaviour when multiple messages are received at a short time span.

TS23: Check if it is possible to send messages or call the user from updated version to outdated version of the app.

TS24: Ensure that the app does not allow the creation of the group with no members or members that exceeds the limit.

TS25: Ensure that app works properly while opening different apps simultaneously and ensure there is no crash or freeze.

TS26: Check whether the user receives messages in the notification when he closes the app or when the screen is turned off or while using other apps.

TS27: Ensure that no messages or notifications are shown in the notification bar when the apps notifications are muted.

TS28: Ensure that the app doesn’t crash while searching messages that sent long before.

* **General Usability Test Scenarios for websites.**

TS1: Ensure that the webpage URL is properly working and is clickable.

TS2: Ensure that the web is page is secure or not.

TS3: Ensure that the web page content is correct without any spelling mistake or grammatical errors.

TS4: Verify that all the fonts should be as per the requirement.

TS5: Verify that all the text should be properly aligned.

TS6: Check whether all the error messages are correct without any spelling or grammatical errors and error message should match the field label.

TS7: Ensure that all the fields are properly aligned.

TS8: Ensure that there should be a home link in the single pages.

TS9: Ensure that the page is scrollable and it should appear when required.

TS10: Ensure that the title of the page is clearly visible and is in appropriate font and size.

TS11: Ensure that all the fields and buttons should be accessible by keyboard shortcuts and the user should be able to perform all the operations by using keyboard also.

TS12: Ensure that there is no broken links and images in the page.

TS13: Verify that the buttons should be in standard format and size.

TS14: Ensure that the disabled fields should be greyed out.

TS15: Check the sites responsiveness in different devices.

TS16: Check the sites appearance on different browsers.

TS17: Ensure that the site is redirected to error page when it is disconnected from the internet.

TS18: Ensure that proper privacy policy and terms and conditions are displayed in the page and its functionalities.

TS19: Tool tips text should be there for every field and it should be of proper meaning.

TS20: Ensure that confirmation message should be displayed for any king of update, delete, downloading etc. operations.

* **General Security Test Scenarios for a website.**

TS1: Ensure that the user is not allowed to login with invalid entries.

TS2: Check whether the site is secure or not and secure symbol should be displayed at the searched URL.

TS3: Check whether if we can directly access web pages of banking and other sites without login to the system by pasting the link of the logged page link.

TS4: Ensure that the system should restrict you to download the file without sign in on the system.

TS5: Ensure that the site should work on enabling the ad blocker.

TS6: Verify that the previous login page should not be accessible after a log out when pressing the back button of the page.

TS7: Ensure that while entering passwords in the login field, credit card numbers and other sensitive information should be in encrypted format.

TS8: Check whether the bookmarking is disabled in the secure pages.

TS9: Verify the time out condition of the site after the timeout the user should not allowed to navigate through the site.

TS10: Check whether if the user is prevented from doing direct searches by editing the content in the URL.

TS11: Check whether the server locks out the account if the user enters multiple invalid entries like password and login ids.

TS12: Ensure that the error message should not contain possible info that could used by the hacker to hack the website.

TS13: Ensure that on replacing the old password with new password it gets reflected and an option to remember the password should be displayed in encrypted format.

TS14: Check whether id it possible to take screenshot while entering credit card numbers, passwords etc.

TS15: Ensure that 2 step verification method is done while doing secure account login or transaction.

TS16: Check whether the right click functionality should be disabled in banking sites etc.

TS17: Verify that the cookies should not store sensitive information.

TS18: Ensure that the users are only authorised to view the resources that they are required to view.

TS19: Ensure that CAPTCHA is placed on all major forms.

TS20: Check if there is proper account recovery function with secure verification process.