Answer:

Functionality Testing

1. Ensure the application is able to launch after downloading and installing for use.
2. Ensure the application is not crashing.
3. Check that the app display is adaptable to various screen sizes and amenable to the various display mode (i.e., landscape and portrait).
4. Verify if the text in the app is readable and clear.
5. Verify if the app does not stop the functioning of other apps.
6. Check that the app still operates as intended, if the device resumes from inactive mode.
7. Check whether the app reminds the user to save setting changes or changing of information before moving to other activities on the app.
8. Check the performance of the app on the different internet networks such as Wi-Fi, 3G, or 4G networks.
9. Check the registration functionality of the app by creating a few users.
10. Check the login functionality of the app by entering valid and invalid ID and Passwords.

Feature Testing

11. Verify that the app still functions as designed when "battery low" notifications appear on the screen.
12. Check if the app is able to send text messages from one user to another.
13. Check if the app is able to receive multiple text messages.
14. Check if the user is able to send text messages of 500 characters and verify if the message is delivered to the receiver.
15. Check if the user is notified when the message is received or read by the receiver by showing some kind of indication.
16. Check if the user goes first into the waiting area.
17. Check if users are able to interact with the host using different action emojis like the raise-hand feature.
18. Check if the chat feature of the app is able to function properly and that all users are able to access it.

Call Testing

19. Check the quality of voice calls.
20. Check the performance of voice calls in different internet network.
21. Check the performance of voice calls if the other user is already engaged in another voice call.
22. Check if the app is able to decline an incoming call.

23. Check if the app is able to call back a user from a missed call notification.
24. Check if the user is able to turn the camera on and off during video calls.
25. Check if the user is able to mute and unmute themselves during calls.
26. Check if the user is able to switch between front and rear cameras easily.
27. Check if the user is able to recording the meeting and it get save in the local machine
28. Check if the screen share feature works properly.

Security Testing

29. Check if uninvited guests are not able to join the meeting
30. Check if private meeting can be accessed through password only
31. Check if host can suspend participants activities and kick unwanted participants out of the meeting.
32. Check if new users can sign up using Google/Facebook APIs etc. for Authentication of new user
33. Check if the meetings are end-to-end encrypted to prevent any loss of data
34. Check if user is using proxy network or VPN to gain access.

Miscellaneous

35. Check how the app function under different battery levels and temperatures.
36. Check that the app does not log out the user before the end of a session.
37. Check after the user logs out, if the app opens the login page or not.