**Integration TestCase scenarios for Gmail:**

1. To check login with valid credentials.
2. To check login with invalid credentials.
3. Test the "Forgot Password" functionality for account recovery.
4. To check login using 2-factor authentication.
5. To check login from a new device and check email for security alerts.
6. Test logout functionality on one device while logged in on another.
7. To check receiving an email in the inbox from another email account.
8. Test the auto-refresh feature for new email notifications.
9. To check the proper display of email sender name, subject, and timestamp.
10. Test opening an email and ensure content and formatting are displayed correctly.
11. To check unread emails are highlighted or bolded.
12. Test the search functionality with keywords in the inbox.
13. To check filter functionality (e.g., by unread, starred, or specific sender).
14. Test integration of inbox labels for categorizing emails.
15. To check the "Compose" button functionality.
16. Test sending an email with valid recipients (To, CC, and BCC).
17. To check error message when sending an email without a recipient.
18. Test sending an email with an attachment.
19. To check integration of Google Drive for large file attachments.
20. Test the email delivery status (e.g., sent to valid vs. invalid email addresses).
21. To check the integration of the rich text editor for formatting email content.
22. Test the "Send Later" scheduling feature for emails.
23. To check attaching files of supported formats and sizes.
24. Test sending an email with multiple attachments.
25. To check downloading attachments in received emails.
26. Test virus scanning for attachments.
27. To check automatic filtering of spam emails into the Spam folder.
28. Test marking an email as "Not Spam" and ensure it moves to the inbox.
29. To check sending an email to spam and confirm its proper classification.
30. To check creating, editing, and deleting custom labels.
31. Test adding emails to custom labels.
32. To check sorting and filtering emails by primary, social, and promotions categories.
33. Test searching emails using sender, subject, and keywords.
34. To check advanced search filters for date range, size, and attachments.
35. Test search results across inbox, spam, and trash folders.
36. To check grouping emails with the same subject into a thread.
37. Test replying to a specific email in a thread.
38. To check forwarding an individual email from a thread
39. To check saving an email as a draft.
40. Test editing and sending a draft email.
41. To check auto-save functionality while composing an email.
42. Test moving an email to the Trash folder.
43. To check restoring an email from the Trash to the inbox.
44. Test permanent deletion of emails from the Trash folder.
45. To check email notifications on desktop and mobile devices.
46. Test disabling and re-enabling notifications.
47. To check updating profile picture and user details.
48. Test enabling vacation responder for automatic replies.
49. To check changing Gmail themes and layout customization.
50. Test synchronization between the Gmail web interface and the mobile app.