

How to use JIRA as testers and scrum master:

By Scrum Master:

- Create Project
- Create Users
- Create Version
- Create EPIC and Stories
- Start the sprint -- add the user stories into it
- Story points update for each and every story

Teams or QA testers need to do below tasks:

- Tasks creation for each and every story in story board
- Creating the sub tasks for story
- Assign sub tasks to teams/self
- Sprint life cycle
- Adding the label to the story
- Creating the bugs

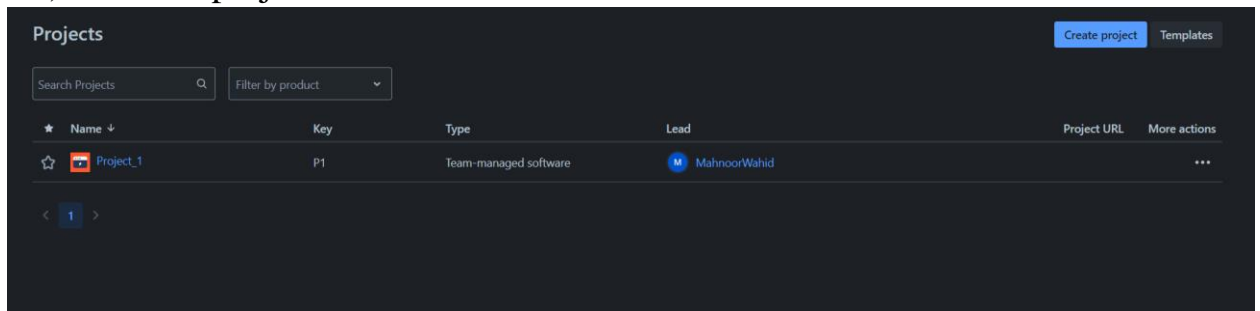
Next step:

- Create test cases
- Create the cycle
- Execute the test cases
- Import the test cases from excel

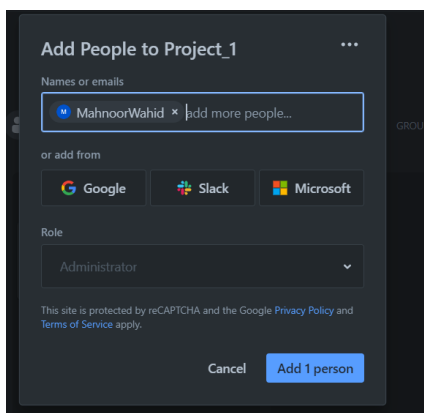
Project:	GMAIL
Created by:	Mahnoor

EPIC	USER STORY ID	SUMMARY	DESCRIPTION	STORY POINTS	SPRINTS
Verify Gmail functionalities	US_GM_001	Verify login functionality	Verify Gmail login functionality with valid and input data and verify whether user is logged into the application.	8	1
	US_GM_002	Verify compose functionality	Verify Gmail compose functionality by sending mails and verify others are receiving messages.	5	1
	US_GM_003	Verify inbox functionality	Verify Gmail inbox functionality by receiving the email when others are sent.	5	2
	US_GM_004	Verify sent mails functionality	Verify Gmail sent mails by verifying all the emails sent should be logged in sent emails.	3	2
	US_GM_005	Verify drafts functionality	Verify Gmail draft functionality by verifying all the saved mails should be logged.	2	2

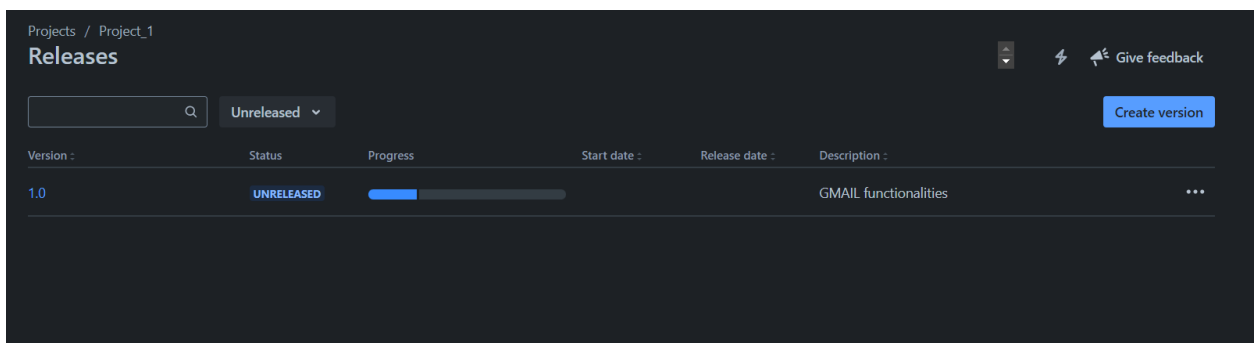
1) Create a project:



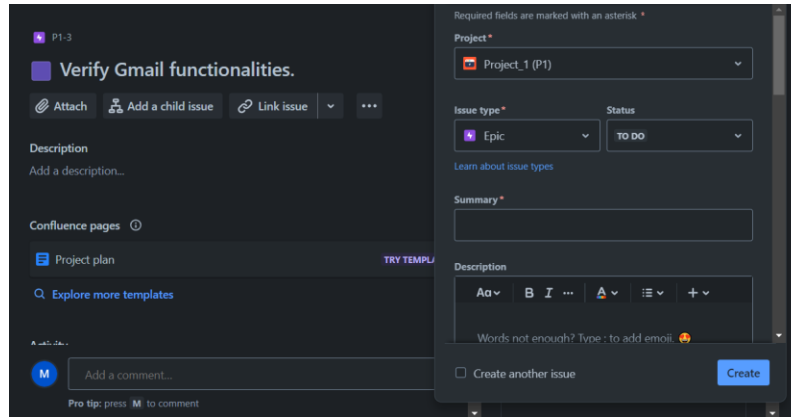
2) User add:



3) Create Version:

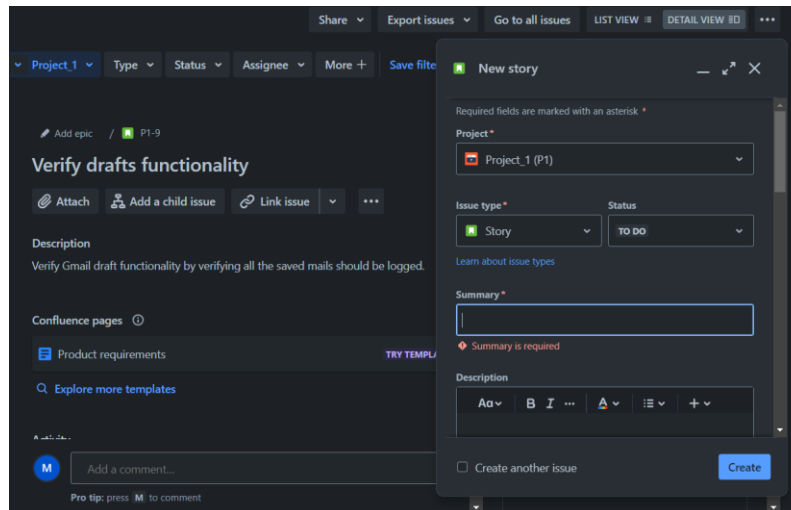


4) Create Epic:



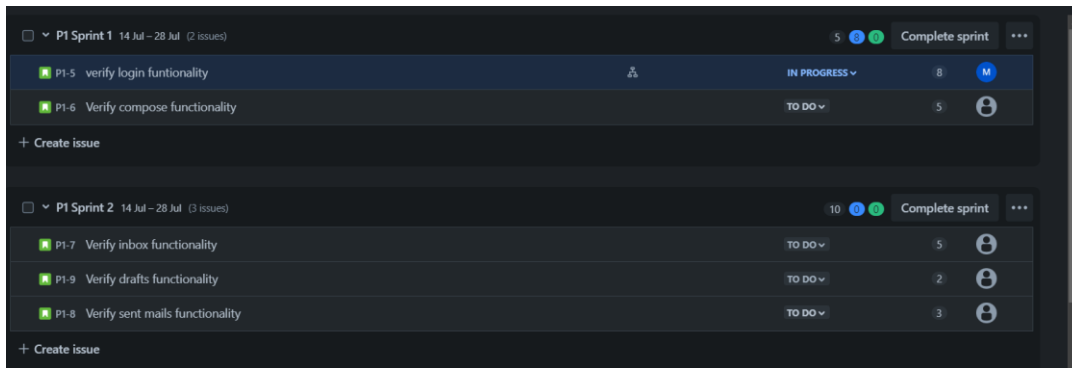
The screenshot shows the Jira 'Create Epic' dialog. The background displays an issue titled 'Verify Gmail functionalities.' with a description field and a 'Confluence pages' section containing a link to 'Project plan'. The dialog itself is a modal window with the following fields: 'Project' (set to 'Project_1 (P1)'), 'Issue type' (set to 'Epic'), and 'Status' (set to 'TO DO'). There is a 'Summary' field which is currently empty, and a 'Description' field with a rich text editor. A red error message 'Summary is required' is visible below the summary field. At the bottom, there is a 'Create' button and a checkbox for 'Create another issue'.

5) Create Stories:

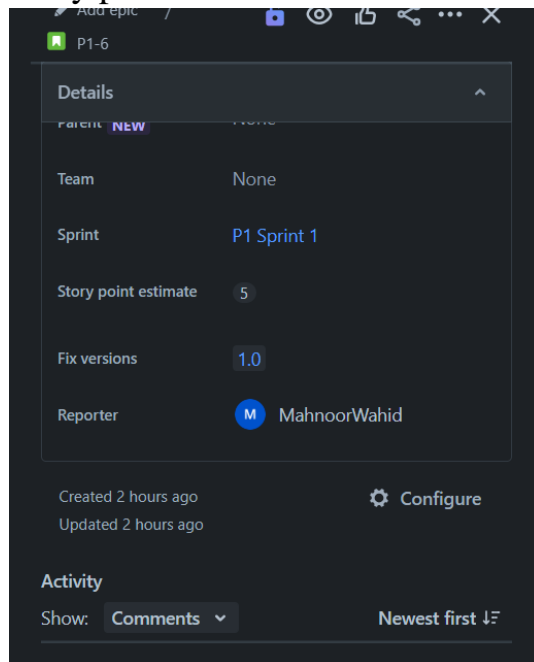


The screenshot shows the Jira 'New story' dialog. The background displays an issue titled 'Verify drafts functionality' with a description field and a 'Confluence pages' section containing a link to 'Product requirements'. The dialog is a modal window with the following fields: 'Project' (set to 'Project_1 (P1)'), 'Issue type' (set to 'Story'), and 'Status' (set to 'TO DO'). There is a 'Summary' field which is currently empty, and a 'Description' field with a rich text editor. A red error message 'Summary is required' is visible below the summary field. At the bottom, there is a 'Create' button and a checkbox for 'Create another issue'.

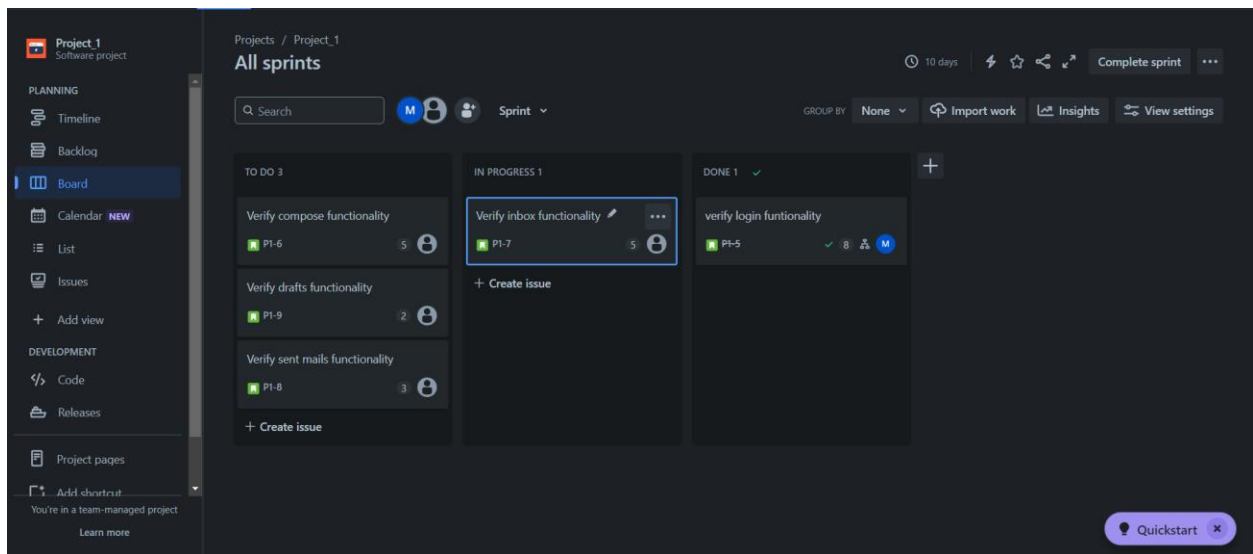
6) Create Sprint and added user stories in it. Start sprint which will display on board in JIRA:



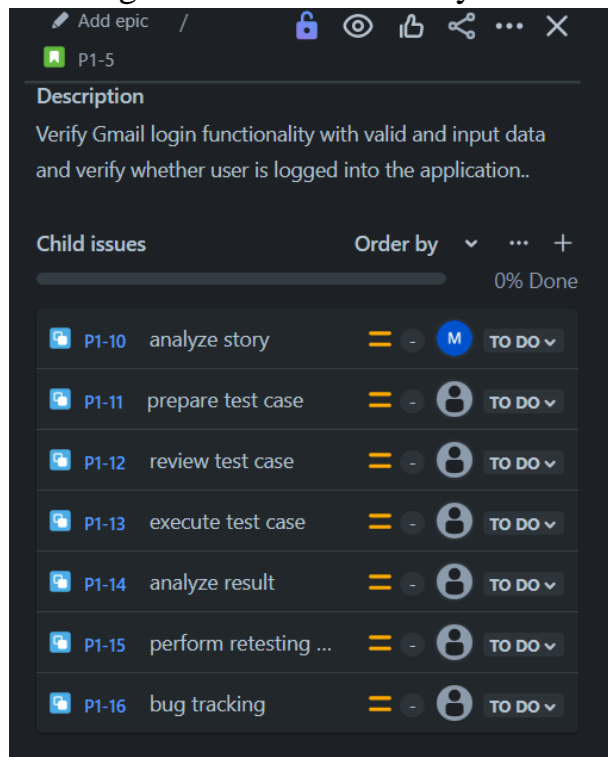
7) Story points and version:



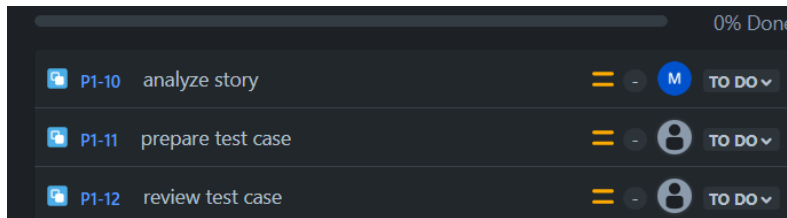
8) Tasks creation for each and every story in story board:



9) Creating the sub tasks for story:

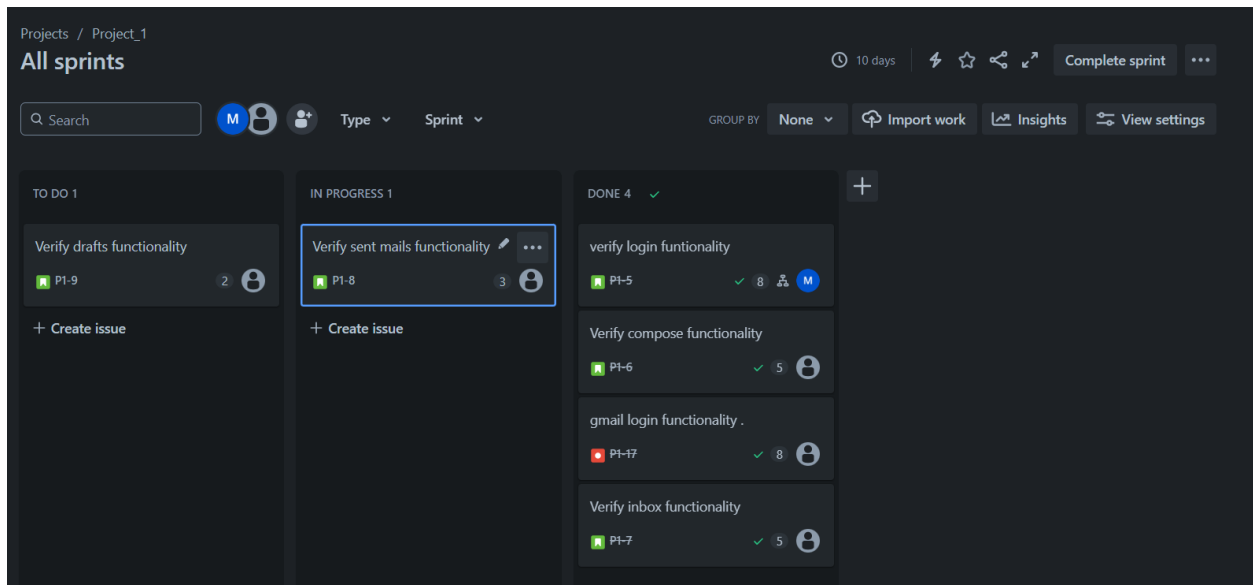


10) Assign sub tasks to teams/self:



P1-10	analyze story	==	-	M	TO DO ▾
P1-11	prepare test case	==	-		TO DO ▾
P1-12	review test case	==	-		TO DO ▾

11) Sprint life cycle:



Projects / Project_1

All sprints

10 days ⚡ ☆ 🔗 ↗ Complete sprint ⋮

🔍 Search M 👤 Type ▾ Sprint ▾ GROUP BY None ▾ Import work Insights View settings

TO DO 1

Verify drafts functionality
P1-9 2 👤

+ Create issue

IN PROGRESS 1

Verify sent mails functionality ✎ ⋮
P1-8 3 👤

+ Create issue

DONE 4 ✓

verify login functionality
P1-5 ✓ 8 👤 M

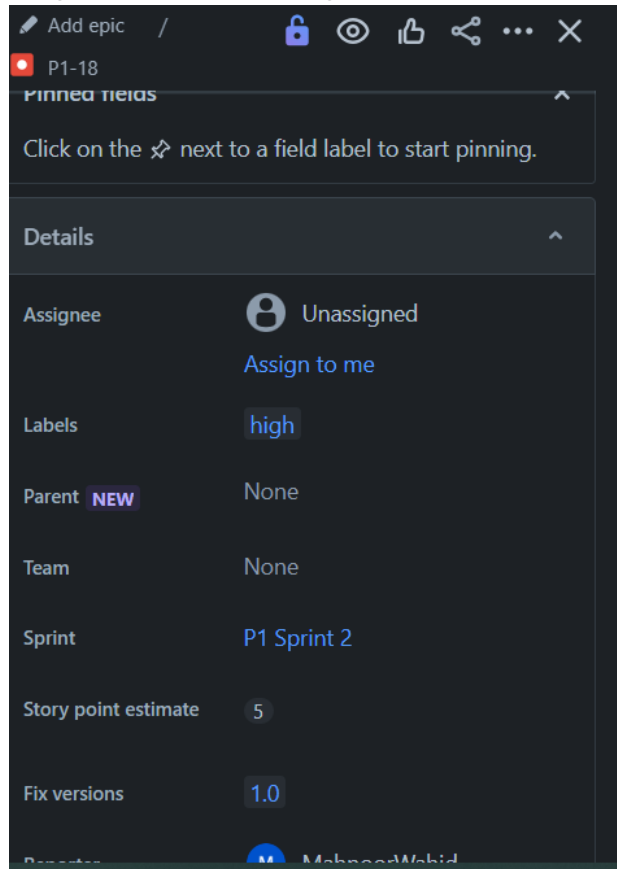
Verify compose functionality
P1-6 ✓ 5 👤

gmail login functionality .
P1-17 ✓ 8 👤

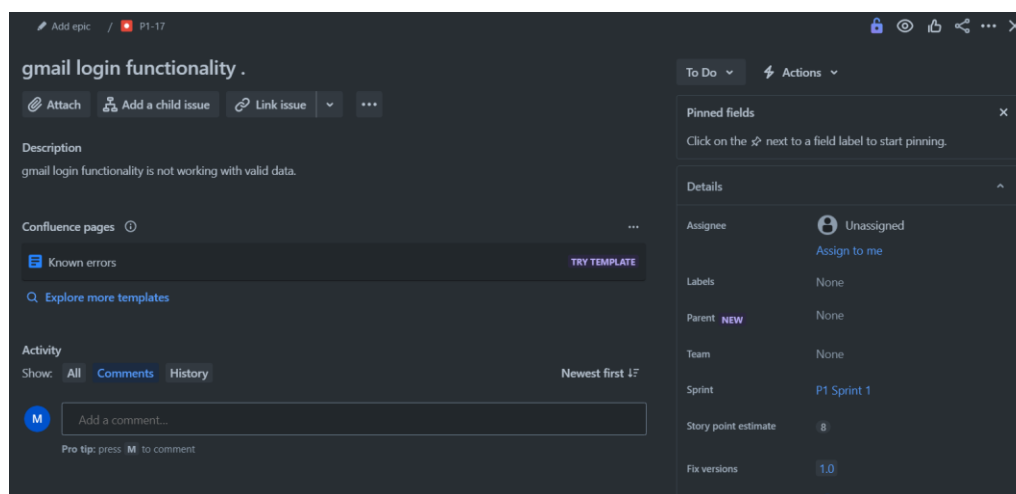
Verify inbox functionality
P1-7 ✓ 5 👤

12) Adding the label to the story:

Bug with the label high.



13) Creating the bugs:



Test Plan for Gmail

1. Introduction

- **Application Name:** Gmail
 - **Objective:** Verify the functionality, usability, and performance of Gmail.
 - **Test Types:** Functional, Usability, Performance, Security, and Compatibility Testing.
-

2. Test Scenarios and Test Cases

Test Scenario 1: Account Creation and Login

- **Test Case 1: Create a New Gmail Account**
 - **Objective:** Verify that a user can create a new Gmail account.
 - **Steps:**
 1. Open the Gmail sign-up page.
 2. Enter valid details (First Name, Last Name, Username, Password, etc.).
 3. Click on "Next."
 4. Complete additional steps (e.g., phone verification).
 - **Expected Result:** The account should be created successfully, and the user should be directed to the inbox.
 - **Pass/Fail Criteria:**
 - **Pass:** Account creation is successful, and user is directed to the inbox.
 - **Fail:** Account creation fails, or user is not directed to the inbox.
- **Test Case 2: Login with Valid Credentials**
 - **Objective:** Verify that a user can log in with valid credentials.
 - **Steps:**
 0. Open the Gmail login page.
 1. Enter valid email and password.
 2. Click on "Sign in."
 - **Expected Result:** The user should be logged in and directed to the inbox.
 - **Pass/Fail Criteria:**
 - **Pass:** User is successfully logged in and directed to the inbox.
 - **Fail:** Login fails or user is not directed to the inbox.

- **Test Case 3: Login with Invalid Credentials**

- **Objective:** Verify that a user cannot log in with invalid credentials.

- **Steps:**

0. Open the Gmail login page.
1. Enter invalid email or password.
2. Click on "Sign in."

- **Expected Result:** The login attempt should fail, and an error message should be displayed.

- **Pass/Fail Criteria:**

3. **Pass:** Login fails and appropriate error message is displayed.
4. **Fail:** Login succeeds or incorrect error message is displayed.

- **Test Case 4: Password Recovery Process**

- **Objective:** Verify that the password recovery process works correctly.

- **Steps:**

1. Open the Gmail login page.
2. Click on "Forgot password?"
3. Follow the steps to recover the password (e.g., verify phone number).

- **Expected Result:** The user should be able to reset the password and log in with the new password.

- **Pass/Fail Criteria:**

- **Pass:** Password is successfully reset and user can log in with the new password.
- **Fail:** Password reset fails or user cannot log in with the new password.

Test Scenario 2: Email Composition and Sending

- **Test Case 5: Compose and Send an Email to a Single Recipient**

- **Objective:** Verify that an email can be composed and sent to a single recipient.

- **Steps:**

1. Login to Gmail.
2. Click on "Compose."
3. Enter a recipient email address.
4. Add a subject and body to the email.
5. Click on "Send."

- **Expected Result:** The email should be sent successfully, and the recipient should receive it.
- **Pass/Fail Criteria:**
 - **Pass:** Email is successfully sent and received by the recipient.
 - **Fail:** Email is not sent or not received.
- **Test Case 6: Compose and Send an Email to Multiple Recipients**
 - **Objective:** Verify that an email can be sent to multiple recipients.
 - **Steps:**
 0. Login to Gmail.
 1. Click on "Compose."
 2. Enter multiple recipient email addresses in the "To" field.
 3. Add a subject and body to the email.
 4. Click on "Send."
 - **Expected Result:** The email should be sent successfully to all recipients.
 - **Pass/Fail Criteria:**
 - **Pass:** Email is successfully sent and received by all recipients.
 - **Fail:** Email is not sent to some or all recipients.
- **Test Case 7: Attach Files to an Email and Send**
 - **Objective:** Verify that files can be attached to an email and sent.
 - **Steps:**
 0. Login to Gmail.
 1. Click on "Compose."
 2. Enter a recipient email address.
 3. Add a subject and body to the email.
 4. Attach a file (e.g., .pdf, .jpg).
 5. Click on "Send."
 - **Expected Result:** The email with attachment should be sent successfully.
 - **Pass/Fail Criteria:**
 - **Pass:** Email with attachment is successfully sent and received.
 - **Fail:** Email is not sent or attachment is missing.

- **Test Case 8: Send an Email with Different Formats (Plain Text, HTML)**
 - **Objective:** Verify that an email can be sent in different formats.
 - **Steps:**
 0. Login to Gmail.
 1. Click on "Compose."
 2. Enter a recipient email address.
 3. Add a subject and body to the email in plain text.
 4. Send the email.
 5. Repeat steps with HTML format.
 - **Expected Result:** Emails should be sent and displayed correctly in both formats.
 - **Pass/Fail Criteria:**
 - **Pass:** Emails are sent and displayed correctly in both formats.
 - **Fail:** Emails are not displayed correctly in one or both formats.
-

Test Scenario 3: Inbox and Email Management

- **Test Case 9: Receive and View an Email in the Inbox**
 - **Objective:** Verify that an email is received and can be viewed in the inbox.
 - **Steps:**
 1. Login to Gmail.
 2. Ensure that an email has been sent to the account.
 3. Check the inbox for the received email.
 4. Click on the email to view it.
 - **Expected Result:** The email should appear in the inbox and be viewable.
 - **Pass/Fail Criteria:**
 - **Pass:** Email appears in the inbox and can be viewed.
 - **Fail:** Email does not appear or cannot be viewed.
- **Test Case 10: Mark an Email as Read/Unread**
 - **Objective:** Verify that an email can be marked as read or unread.
 - **Steps:**
 0. Login to Gmail.
 1. Open the inbox.
 2. Select an email and mark it as read.
 3. Mark the same email as unread.

- **Expected Result:** The email status should change accordingly.
- **Pass/Fail Criteria:**
 - **Pass:** Email status is updated correctly to read/unread.
 - **Fail:** Email status is not updated correctly.
- **Test Case 11: Move Emails to Different Folders**
 - **Objective:** Verify that emails can be moved to different folders.
 - **Steps:**
 0. Login to Gmail.
 1. Select an email in the inbox.
 2. Move the email to a different folder (e.g., Spam, Trash).
 - **Expected Result:** The email should be moved to the selected folder.
 - **Pass/Fail Criteria:**
 - **Pass:** Email is successfully moved to the selected folder.
 - **Fail:** Email is not moved or is misplaced.
- **Test Case 12: Delete an Email and Recover from the Trash Folder**
 - **Objective:** Verify that an email can be deleted and recovered from the Trash folder.
 - **Steps:**
 0. Login to Gmail.
 1. Select an email and delete it.
 2. Go to the Trash folder.
 3. Recover the deleted email.
 - **Expected Result:** The email should be successfully deleted and recoverable from the Trash folder.
 - **Pass/Fail Criteria:**
 - **Pass:** Email is successfully deleted and recoverable.
 - **Fail:** Email is not deleted or cannot be recovered.

Test Scenario 4: Search Functionality

- **Test Case 13: Search for an Email by Subject**
 - **Objective:** Verify that emails can be searched by subject.
 - **Steps:**

1. Login to Gmail.
 2. Enter a known subject in the search bar.
 3. Press Enter.
- **Expected Result:** Emails with the specified subject should be displayed.
 - **Pass/Fail Criteria:**
 - **Pass:** Emails with the specified subject are displayed.
 - **Fail:** No emails or incorrect emails are displayed.
- **Test Case 14: Search for an Email by Sender**
 - **Objective:** Verify that emails can be searched by sender.
 - **Steps:**
 0. Login to Gmail.
 1. Enter a known sender's email address in the search bar.
 2. Press Enter.
 - **Expected Result:** Emails from the specified sender should be displayed.
 - **Pass/Fail Criteria:**
 - **Pass:** Emails from the specified sender are displayed.
 - **Fail:** No emails or incorrect emails are displayed.
 - **Test Case 15: Search for an Email by Date**
 - **Objective:** Verify that emails can be searched by date.
 - **Steps:**
 0. Login to Gmail.
 1. Enter a date range or specific date in the search bar.
 2. Press Enter.
 - **Expected Result:** Emails from the specified date should be displayed.
 - **Pass/Fail Criteria:**
 - **Pass:** Emails from the specified date are displayed.
 - **Fail:** No emails or incorrect emails are displayed.
-

Test Scenario 5: Email Settings and Customization

- **Test Case 16: Update Profile Information**
 - **Objective:** Verify that profile information can be updated.
 - **Steps:**

1. Login to Gmail.
2. Go to "Account Settings."
3. Update profile information (e.g., name, picture).
4. Save changes.

- **Expected Result:** Profile information should be updated successfully.
- **Pass/Fail Criteria:**

- **Pass:** Profile information is updated and saved.
- **Fail:** Profile information is not updated or saved.

- **Test Case 17: Change Email Signature**

- **Objective:** Verify that the email signature can be changed.
- **Steps:**

0. Login to Gmail.
1. Go to "Settings" > "See all settings."
2. Update the email signature.
3. Save changes.

- **Expected Result:** Email signature should be updated successfully.
- **Pass/Fail Criteria:**

- **Pass:** Email signature is updated and applied.
- **Fail:** Email signature is not updated or not applied.

- **Test Case 18: Adjust Email Settings**

- **Objective:** Verify that email settings (filtering, forwarding, labels) can be adjusted.

- **Steps:**

0. Login to Gmail.
1. Go to "Settings" > "See all settings."
2. Adjust settings (e.g., create a filter, set up forwarding, and create labels).
3. Save changes.

- **Expected Result:** Email settings should be adjusted and saved successfully.
- **Pass/Fail Criteria:**

- **Pass:** Email settings are adjusted and saved.
 - **Fail:** Email settings are not adjusted or saved.
-

Test Scenario 6: Security Features

- **Test Case 19: Verify Two-Factor Authentication**

- **Objective:** Verify that two-factor authentication can be enabled.
- **Steps:**
 1. Login to Gmail.
 2. Go to "Account Settings."
 3. Navigate to "Security."
 4. Enable two-factor authentication.
 5. Follow the prompts to complete the setup.
- **Expected Result:** Two-factor authentication should be successfully enabled.
- **Pass/Fail Criteria:**
 - **Pass:** Two-factor authentication is enabled and working.
 - **Fail:** Two-factor authentication cannot be enabled.

- **Test Case 20: Check Login History and Device Management**

- **Objective:** Verify that login history and device management can be accessed.
- **Steps:**
 0. Login to Gmail.
 1. Go to "Account Settings."
 2. Navigate to "Security" and view login history and device management.
- **Expected Result:** Login history and devices should be accessible and correctly displayed.
- **Pass/Fail Criteria:**
 - **Pass:** Login history and devices are correctly displayed.
 - **Fail:** Login history or devices are not displayed or incorrect.

- **Test Case 21: Test Phishing and Spam Filters**

- **Objective:** Verify that phishing and spam filters are working correctly.
- **Steps:**
 0. Login to Gmail.
 1. Send test emails that simulate phishing or spam.
 2. Check if these emails are filtered appropriately.
- **Expected Result:** Phishing and spam emails should be filtered correctly.
- **Pass/Fail Criteria:**

- **Pass:** Phishing and spam emails are filtered and placed in the appropriate folders.
 - **Fail:** Phishing and spam emails are not filtered or misplaced.
-

3. Test Data

- **Valid Data:** Valid email addresses, strong passwords, sample attachments.
- **Invalid Data:** Incorrect email addresses, weak passwords, unsupported file types for attachments.