**1. STLC for LinkedIn Mobile Application**

**Test Ideas:**

**Functional Testing:**

* **Login/Signup**:
  + Verify login using email and password, Google/Facebook integration, and OTP verification.
  + Verify new user registration with different inputs (valid/invalid emails, missing fields, etc.).
* **Profile Creation/Update**:
  + Add/edit profile information (name, photo, experience, education, certifications).
  + Test for data validation, mandatory fields, and uploading profile pictures.
* **News Feed**:
  + Verify that posts (text, image, video) are loading and displayed correctly.
  + Check the accuracy of likes, comments, reposts, and reshares.
* **Search Functionality**:
  + Test search for people, posts, jobs, groups, courses, etc.
  + Verify filtering and sorting options (location, job title, experience level, job type etc.).
* **Job Application**:
  + Test applying for a job and tracking application status.
* **Connections**:
  + Sending, accepting, and rejecting connection requests.
  + Suggestions for people you may know.
* **Messages**:
  + Send/receive messages with different media types (text, attachments, emojis).
  + Test group messaging and conversation archiving.
* **Notifications**:
  + Check push notifications for connection requests, messages, likes, comments, job alerts, etc.
* **Account Settings**:
  + Verify updating privacy settings, email preferences, and notification settings.
  + Testing account deletion.

**Usability Testing:**

* **UI/UX Testing**:
  + Verify that navigation between screens is intuitive and smooth.
  + Check for consistent design across different devices and screen resolutions.
* **Accessibility**:
  + Ensure features like screen readers, font resizing, and high contrast mode are accessible.

**Performance Testing:**

* **Load Time**:
  + Measure the time it takes for different features (login, feed load, message send) to execute.
* **Battery Consumption**:
  + Test how the LinkedIn app impacts battery life, especially with prolonged use.

**Security Testing:**

* **Authentication & Authorization**:
  + Verify secure login with two-factor authentication.
* **Data Privacy**:
  + Ensure personal information is protected and not visible without proper authorization.

**Prioritization of Test Cases (Based on Business Impact):**

1. **Login/Signup** – High Priority  
   Business Impact: Essential for user access and engagement.
2. **Job Application** – High Priority  
   Business Impact: Key feature for LinkedIn’s recruitment business.
3. **Search Functionality** – High Priority  
   Business Impact: Important for job seekers and recruiters to find relevant opportunities/people.
4. **Performance Testing (Load Time)** – High Priority  
   Business Impact: Users may abandon the app if it is slow or unresponsive.
5. **Security Testing (Authentication & Data Privacy)** – High Priority  
   Business Impact: Data breaches can significantly impact LinkedIn’s reputation.
6. **Notifications** – Medium Priority  
   Business Impact: Keeps users engaged with alerts but does not block critical functionality.
7. **Profile Update** – Medium Priority  
   Business Impact: Keeps the user's profile accurate and engaging, but not a daily activity.
8. **Messages** – Medium Priority  
   Business Impact: Important for user engagement but less critical than jobs.

**2. Bug reports:**

**1) Settings page loading delay**

* **Steps:**

1. Click on profile button
2. Click on settings
3. Wait until the spinning wheel appears

* **Expected result:**
* The spinning wheel should appear immediately after navigating to the Settings page to indicate loading.
* **Actual result:**
* User waits about 5 seconds until the spinning wheel appears, then the page content loads.
* **Severity**: Medium
* **Priority**: Medium
* **Attachments:**

**2) Notification settings page loading delay**

* **Steps:**

1. Click on notifications
2. Click on settings
3. Wait until the spinning wheel appears

* **Expected result:**
* The spinning wheel should appear immediately after navigating to the Settings page to indicate loading.
* **Actual result:**
* User waits about 5 seconds until the spinning wheel appears, then the page content appears
* **Severity**: Medium
* **Priority**: Medium
* **Attachments:**

**3) Messages settings page loading delay**

* **Steps:**

1. Click on messages icon
2. Go to any chat
3. Click on the three dots actions icon
4. Click on manage settings

* **Expected result:**
* The spinning wheel should appear right after going to the page to indicate loading
* **Actual result:**
* User waits about 5 seconds until the spinning wheel appears then the page content appears
* **Severity**: Medium
* **Priority**: Medium
* **Attachments:**

**4) Personal demographic info page loading delay**

* **Steps:**

1. Go to your profile
2. Scroll down to “resource”
3. Click on “show all 4 resources”
4. Click on “personal demographic info”

* **Expected result:**
* Page content to appear immediately if network is good
* A Spinning wheel should appear to indicate page is loading
* **Actual result:**
* Page content takes about 5 seconds to appear
* **Severity**: Medium
* **Priority**: Medium
* **Attachments:**

**5) Backward and forward buttons aren’t functioning correctly in the “Update group settings” section**

* **Steps:**

1. Go to Groups
2. Click on the actions icon for a group => Update group settings.
3. Click “Emails for all groups” => Messaging => Messages.
4. Click backward.
5. Check if the forward button is “dimmed”.
6. Click backward again
7. Click forward 2 times
8. Check if the forward button is “not dimmed”.
9. Click on forward button

* **Expected result:**
* Backward and forward buttons should function correctly
* User should be able to go forward to the “Messages” choice when clicking back
* The forward button should be dimmed when there is no page to go forward to.
* **Actual result:**
* User can’t go forward to the “Messages” choice when clicking back unless they go back again to the “Email for all groups” choice
* The forward button is not dimmed when going again to the “Messages” choice
* Backward and forward buttons does not function correctly
* **Severity**: High
* **Priority**: High
* **Attachments:**

**6) Page Titles Not Updated Correctly in "Update Group Settings" Section**

* **Steps:**

1. Go to Groups
2. Click on actions icon for a group => Update group settings
3. Click “Emails for all groups” => Groups
4. Go back to Emails for all groups choice
5. Check title “Groups”
6. Choose Groups again
7. Check title “Groups”
8. Choose “Group invitations”
9. Go backward to “Groups” page
10. Check title “Group invitation”
11. Repeat steps for different pages

* **Expected result:**
* Pages title should not change incorrectly when navigating backward and forward
* Page titles should be updated correctly to reflect the current page when navigating to a new page.
* **Actual result:**
* Page titles change incorrectly when navigating backward and forward.
* **Severity**: Medium
* **Priority**: Medium
* **Attachments**:

**7) Notification delay for new messages**

* **Steps:**

1. Open the app
2. Receive a message from another user
3. Check the message icon
4. Check if there is a notification sent to indicate a new message
5. Close the app
6. Check if the notification is sent

* **Expected result:**
* A notification should appear to the user immediately upon receiving a new message, even while using the application.
* **Actual result:**
* Notification is not sent until the application is closed.
* **Severity:** High
* **Priority:** High
* **Attachments:**