First Part: Creating a test plan for one of mobile applications. LinkedIn
Deliverables:
1. Write down all needed high level scenarios(minimum 10 scenarios) to ensure good coverage with different approaches (confirming requirements, negative scenarios). These High-level scenarios should contain all details needed to cover this.
2. Write with the scenario's prioritization of such test cases according to their possible business impact.

High level Test Scenarios:
This Test plan outline the very high level test scenarios for LinkedIn Mobile application , the main scenarios , negative scenarios and the priorities of these scenarios

1-SignUP and Login to LINKEDIN
Description: Validate that the new User able to sign up and the existing user able to login successfully
confirming requirements: enter valid email and password
negative scenarios: enter invalid email, incorrect password, unregistered email before
priority: high priority for business and users

2-Connection Requests
Description: Validate that the Users able to send and receive connection requests and follow other users
confirming requirements: Confirm connection, reject invitations, follow other users
negative scenarios: able to connect users who has private accounts , able to send connect to users which you blocked before
priority: high priority for business and users

3-Accounts creation
Description: Validate that the Users able to create Accounts and edit their profiles
confirming requirements: create correct profile with valid inputs in text box, add skills and certificates in correct textbox
negative scenarios:
try wrong formats in text boxes, add long text, click save without enter mandatory fields and keep it empty
priority: high priority for business and users

4-Searching for jobs
Description: Validate that the Users able to search for jobs with available filters in the app
confirming requirements: Testing filters, validate listed jobs based on filters, test different search criteria
negative scenarios: search about company or job wrong and validate that no results displayed
priority: high priority for business and users

5-Sending and Receiving Messages
Description: Validate that the Users able to Send and receive Messages and open messages list
confirming requirements: confirm messages sending and receiving and user able to delete messages successfully
negative scenarios: User able to send message to another user blocked before
priority: Medium priority for business and users

6-Share, edit and delete posts, add comments
Description: Validate that the Users able to share, add, delete articles and posts and add comments on posts
confirming requirements: confirm sharing, deletion, edit posts which contains images texts and links successfully
negative scenarios: deleted posts still displayed, add empty posts or comments
priority: Medium priority for business and users

7-Notifications
Description: Validate that the Users able to receive notifications for likes comments connection requests , changes notification preferences
confirming requirements: confirm receiving notifications on time , confirm notification filter is working correct
negative scenarios: deleted notification still displayed
priority: Medium priority for business and user

8-App Navigations between screens
Description: Validate that the Users able to navigate between screens smoothly

confirming requirements: validate when click on button, will navigate to the right screen
negative scenarios: click quickly on buttons and fast navigations
priority: Medium priority for business and users

9-Applying for jobs
Description: Validate that the Users able to apply for jobs which has easy apply
confirming requirements: validate when open the job with easy apply, user able to apply to the job and upload the cv right
priority: high priority for business and users

10-Endorsements
Description: Validate that the Users able to endorse skills and adding skills for other connections
confirming requirements: confirm successful endorsements, adding recommendations
negative scenarios: endorse skills the user does not have
priority: Medium priority for business and users

11-Manage profile
Description: Validate that the Users able to manage his profile for visibility, privacy settings and delete account
priority: High priority for business and users

Second Part:
Reporting defects for the same mobile application above
Deliverables:
1. Write down bugs you found with detailed reports (minimum 6 bugs to be found).
2.Mention(Title,ReproducibleSteps,Attachments,AffectedDevices,Network, Severity,Priority,Impact).

Note: You will find all attachments here
Attachments

Bug Report 1:

Title: When change LinkedIn content language to Arabic, App still displayed in English
Steps:
1-Open LinkedIn app with valid account.
2-Navigate to settings screen
3-open account preferences >>General preferences/content language
4-Change the language to Arabic
5-Check the app language
Attachments:
Bug Report 1
Affected Devices: iPhone14 ProMax, iOS version:17.6.1
Network: WIFI
Severity: Medium
Priority: Medium
Impact: It will impact the users who are unable to use the app in their language

Bug Report 2:
Title: Unsaved posts still displayed in MY items as saved after unsaved them
Steps:
1-Open LinkedIn app with valid account.
2-Save a post and make sure its saved when popup displayed "post saved"
3-Unsave the same post and make sure a popup displayed said that "post unsaved"
4-Click on the popup and it will navigate to My Items screen
5-Check the screen and notice that "saved posts and articles has **one item** "
6-Press on Saved Posts and Articles and check the screen
7- "No saved posts yet" displayed
Attachments: Bug Report 2
Affected Devices: iPhone14 ProMax, iOS version:17.6.1
Network: WIFI
Severity: Medium
Priority: High
Impact: Users may be confused that they unsave post but stil display that there is item saved

Bug Report 3:
Title: when click on any button in notifications screen, underline displayed on the above button

Steps:
1-Open LinkedIn app with valid account.
2-Navigate to settings screen
3-Click on Notifications icon >> then click any item inside for example Hiring someone or searching for jobs then click back
4- open Notifications screen and press on any button and notice the screen behavior
Attachments: Bug Report 3
Affected Devices: iPhone14 ProMax, iOS version:17.6.1
Network: WIFI
Severity: low
Priority: low
Impact: this issue impact the UI of the app

Bug Report 4:
Title: Old password autofill in Enter new password Field when using Face ID
Steps:
As perquisites: User has to have a LinkedIn account with valid username and password and the password saved in the mobile and the app opened using face ID
1-Open LinkedIn app with valid account.
2-Navigate to settings screen >> SIGN IN & security then click on change password
3- Click on type your current password field and autofill the field using the Face ID and notice the behavior
Attachments: **Bug Report 4**
Affected Devices: iPhone14 ProMax, iOS version:17.6.1
Network: WIFI
Severity: Major
Priority: High
Impact: this issue will impact the user security and the trust in the app as this is security vulnerability.

Bug Report 5:
Title: Empty white keyboard and blue rectangle displayed around the text box of type your current password
Steps:
1-Open LinkedIn app with valid account.
2-Navigate to settings screen >> SIGN IN & security then click on change password

3-click on forget password button to navigate to reset password screen
4-click back and notice the blue rectangle displayed around the text box of type your current password and the white keyboard
Attachments: Bug Report 5
Affected Devices: iPhone14 ProMax, iOS version:17.6.1
Network: WIFI
Severity: low
Priority: low
Impact: it will affect the UI behavior of the app but its low priority and severity as the functionality working as expected

Bug Report 6:
Title: Push notifications Toggle button displayed dark green and its color is different than other buttons
Steps:
1-Open LinkedIn app with valid account.
2-Navigate to settings screen
3-Click on Notifications icon >> then click any item inside for example searching for jobs >>saved jobs
4-Toggle in-app Notifications off, then on
5-toggle push notification on and notice its colour
Attachments: Bug Report 6
Bug Report 6-2
Affected Devices: iPhone14 ProMax, iOS version:17.6.1
Network: WIFI
Severity: low
Priority: low
Impact: it will affect the UI behavior of the app but its low priority and severity as the functionality working as expected

Bug Report 7:
Title: when press on settings icon in notification screen , the screen displayed empty and white
Steps:
1-Open LinkedIn app with valid account.
2-Navigate to Notifications screen
3-press on settings icon and notice screen behavior
Attachments:
Bug Report 7
Affected Devices: iPhone14 ProMax, iOS version:17.6.1

Network: WIFI
Severity: low
Priority: low
Impact: its low as it loaded after some time, and I tried it on many devices and has the same response

Fourth Part:
Automated tests for Best Buy APIs As QA Engineer you are given a task of testing RESTful API in Best Buy API playground.
Please visit https://github.com/ bestbuy/api-playground/ for more info. Best Buy API playground is a training pool designed to learn about an API framework in local environment. Setup your environment as explained in the guide task setup the API playground and run it locally. Deliverables:
   1. A list of test cases Proposed For Automation

Test Cases:

1-Get List of categories
Descrption:Verify that the API get a list of categories
EndPoint: GET /categories
Status:200
2-Get categories by ID
Descrption:Verify that the API get a specific category with the same id and details of the category in the endpoint
EndPoint: GET   /categories/${category.id}
Status:200

3-create new category (Post)
Descrption:Verify that the API create new category
EndPoint: POST   /categories
Status:201

4-Create new product (Post)
Descrption:Verify that the API create new product
EndPoint: POST /products
Status:201

5-Get Product by ID
6-Get List of products
7-Get service by ID
8-Get store bye ID
9-Delete products
Descrption:Verify that the API delete the product
EndPoint: DELETE /products/${id}
Status:204
10-Delete store
11-update product
Descrption:Verify that the API update existing product
EndPoint: PUT /products/${id}
Status:200