

[Android] Quality Control Validation

Pre-requisites

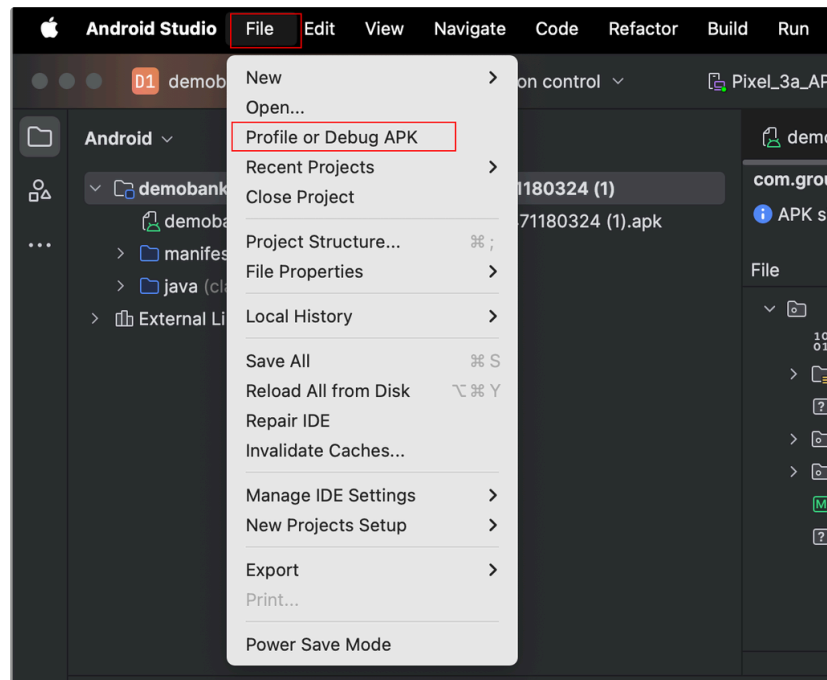
1. Download/Update Android Studio to the latest version
2. Retrieve the apk file from client
 - a. Enable debuggable log method
 - b. Disable SSL underpinning (Optional)

Rule of Thumb

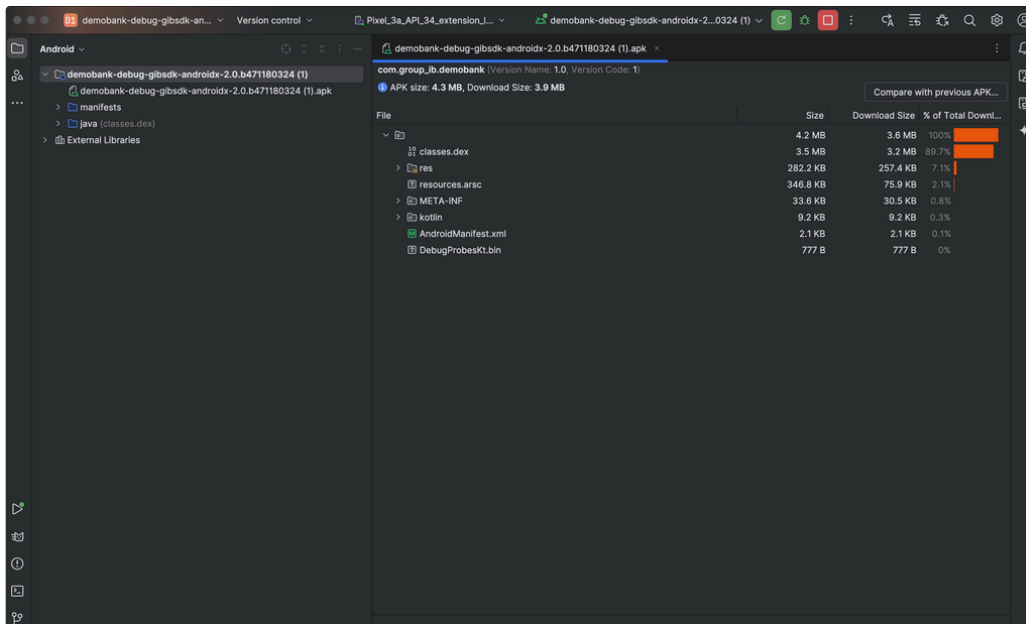
- Ensure that once the application is open, there is a session generated in the admin panel, this is a good indicator that the channel id and backurl used is correct.

Steps

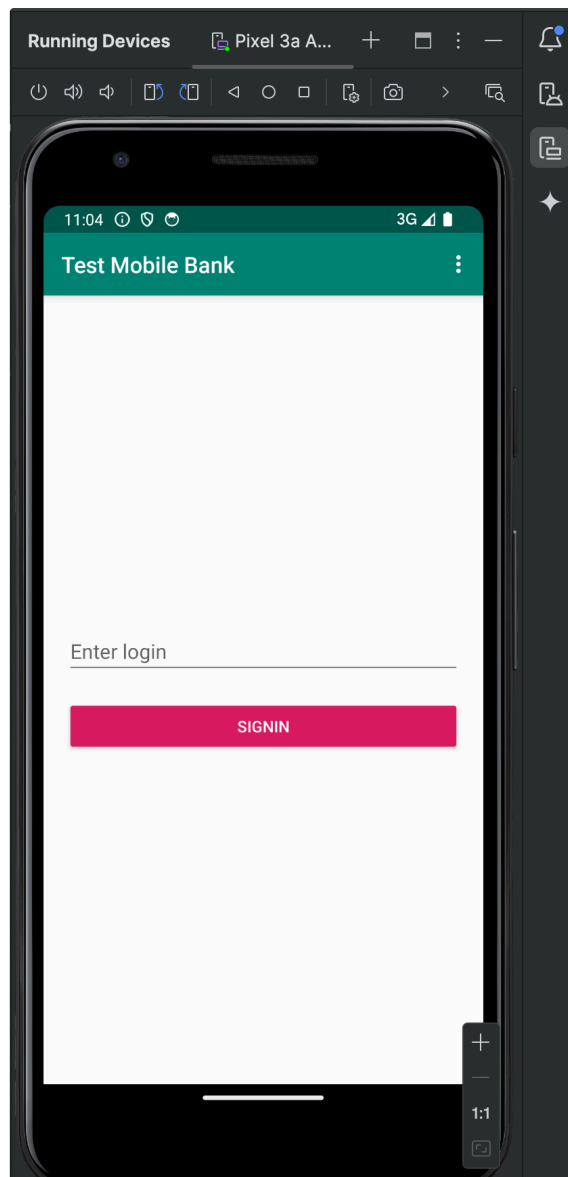
1. In Android Studio application, select **File** and then **Profile or Debug APK** and then go to the directory of where the APK file is stored and open the file



2. Give some time to load the APK, once loaded, it should look like this.



3. Select the play button to begin the testing. This should also power on the emulator and the application should be loaded.



4. Open logcat to view the logs generated by the apk file.



5. In the Logcat console, filter `GIBSDK` to view the Fraud Protection related logs.

6. Verify in Admin Panel that the session is generated.

7. [Pre-login] Verify that the correct methods are being used for identity and CSID (setLogin, setSessionId, setAttributes)

8. [Post-login] Verify that the correct methods are being used for identity and CSID (setLogin, setSessionId, setAttributes)

NOTE: Ensure that the setLogin, setIdentity and setAttributes methods are sending the values after the user has successfully logged in and is authorized, meaning after 2-FA, QR code authentication.

9. Verify that the capabilities that was enabled

10. Ensure that the identifiers such as identity, csid, device id, cloud id and global id are correctly populated in the admin panel.

Pointers to take Note

- Application send the identifiers after the user successfully logins, meaning after 2FA (if there is)
- If the user minimises / close the application and is required to relogin using PIN or biometrics, the application needs to send the identifiers as empty string, once the end user authenticates, the application should send the identifier values.
- Login values is persistent across user logins and it should match all channels.

