Guide for updating the application target to Android 12 and 13 for TDA NALib

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1. For developers who have developed applications to read Thai ID cards with TDA NALib and want to improve the application for Target SDK Level 31 (Android 12) or higher.

2. Working in 3 steps.

   2.1 Replace the library file with the new NALib.aar 0.1.12 or above in the Project.

   2.2 Read the *HawkEye Thai National ID Card TDA NALib SDK Developer's Manual for Android* in section 11. Requesting permission and modifying the program according to the instructions in the manual completely, especially in the following points:

   - Ask for all permissions according to the manual or not?

   - Check the AndroidManifest.xml file to match the required permissions, you may see an example from the AndroidManifest.xml file provided in the NASample and NADemo source code.

   - In case of using FL reader, it is best to place the license file in the Internal Storage to simplify and avoid asking for Storage Permission.

   2.3 Try to build and test with various Android devices, including Android 10-12 and 13 to see if there is any problem.

3. If there is a problem in development.

   3.1 Please check to make sure that the source code in the part that is not related to Thai ID card reading works properly on Target SDK Level 31 (Android 12) and Level 33 (Android 13).

   3.2 Please verify your source code with the sample source code of NASample and NADemo version 0.1.1301 or above.