ZALib SDK Guide

System Requirements
- Android V5.0 minimum.
- Android Studio.
- USB or Bluetooth reader from TDA products.
- ZALib SDK files.
- NALib SDK files.
- MOU or permission from DOPA (Department Of Provincial Administration, Ministry of Interior).

Usage
- Replace NALib.aar with ZALib.aar
- Read normal Thai ID card data via ZALib API commands.
- Read Laser ID, Chip ID and BP1 Number via ZALib API command.
- Check Thai ID card status via DOPA's web services (CheckCard By CID or CheckCard By Laser).

New ZALib API Command
- **getSTextZA(String aKey)**
  - **Description:** Read Special text from Thai ID card
  - **Input parameter: aKey**, 5 digits of NID number for verifying.
    - digit 3, digit 4, digit 5, digit 10 and digit 11,
    - Example: for NID Number = "12**345**6789**01**23" then aKey= "34501"
  - **Return Value:** 0 is successful, -1 if error
  - **Callback Listener: onGetSTextZA(String sTextData , int result)**
  - **Output to Listener**
    - **sTextData =** Special text: "LaserID#ChipID#BP1Number"
      - Example: "ME1234567890#0123456789abcdef#12345678901"
    - **result =** Return Code**:** 0 = successful, <Error Code> if error

ZASample Usage
- The ZASample is a sample source code for ZALib SDK testing.
- **Use for organization that already signed DOPA's MOU or got permission from DOPA only.**
- Please set the web service URL in source code to the name got from DOPA.
- Please setup network and proxy in smartphone as DOPA recommended before using the ZASample.
- "Check Card by Laser ID" button and "Check Card by Chip ID" button will display "Web service error." if
  - You don't have the permission from DOPA or
  - You assigned the wrong URL, wrong IP address or wrong proxy.