

Following are the steps that need to be followed for USB connectivity:

- Attach .aar file to the libs folder and add the following code to the dependencies section in the build.gradle folder.

```
implementation fileTree(dir: 'libs', include: ['*.jar'])

implementation files('libs/PrinterLib_24.aar')

implementation 'androidx.constraintlayout:constraintlayout:2.1.4'

implementation group: 'com.google.zxing', name: 'core', version: '3.4.1'

implementation group: 'com.google.zxing', name: 'android-core', version: '3.3.0'

androidTestImplementation('com.android.support.test.espresso:espresso-core:2.2.2', {
    exclude group: 'com.android.support', module: 'support-annotations'
});
```

- Create an object for UsbConnectivity class

For eg : UsbConnectivity m_BpUsbDevice;

Then initialize it using as :

m_BpUsbDevice = new UsbConnectivity(this,this);

- Connection with USB interface of printer can be done as per following code.

```

    if ( m_BpUsbDevice != null) {
        if (m_BpUsbDevice.connectToPrinter() == true) {
            m_AemPrinter = m_BpUsbDevice.getUsbPrinter();
            if (m_AemPrinter != null) {
                //Printer connection Success full

            } else
                // Error in Printer connection.

        }
        else
            // Usb printer not found // Vid pid not matched or usb
            interface not connected.
    }
    else
        // Usbconnectivity object not Initialized

```

- Also add following code to the AndroidManifest.xml


```

<intent-filter>
    <action
        android:name="android.hardware.usb.action.USB_DEVICE_ATTACHED" />
</intent-filter>

    <meta-data
        android:name="android.hardware.usb.action.USB_DEVICE_ATTACHED"
        android:resource="@xml/device_filter" />

```

and also add attached device_filter file to the res/xml folder for establishing USB connection.

Please follow printing class for printing purposes