1. **How to activate map sdk for android**

* Launch the url, <https://console.cloud.google.com/apis/library/maps-android-backend.googleapis.com?inv=1&invt=Abpn4Q&project=my-mapping-project-451007&cloudshell=true>
* Open the terminal and enter the command, “gcloud services enable maps-android-backend.googleapis.com”

MAP API key (AIzaSyDwWhApgulQhOTcHzsd1LL1\_fJg5APCR4k)

1. **How to connect and control your mobile device from your pc (windows)**

* Download and unzip adb platform tools (<https://developer.android.com/tools/releases/platform-tools>) and scrcpy (<https://github.com/Genymobile/scrcpy/releases/tag/v3.1>)
* Copy files from the unzipped scrcpy into the unzipped platform tools folder.
* Launch PowerShell in the platform folder

**Connections**

* Ensure both devices are connected to the same network
* Get the ip address of the android device you want to connect to
* Enable both usb and wireless debugging on your android device

**Terminal commands (in the opened PS terminal)**

* Connect the USB and verify if it is connected (.\adb.exe devices), the device should be listed if well connected.
* Activate the port (.\adb.exe tcpip 5555)
* Disconnect (.\adb.exe disconnect)
* Disconnect the USB cable to use the wireless debugging
* Connect the device (.\adb.exe connect <android IP>:5555)
* Run the casting (.\scrcpy.exe)

**OR**

* Add the platform tools folder to the system environment variables path, so as to access directly from any terminal window.
* The Connection could also be done seamlessly with a USB cable. (Connect, activate USB debugging, launch terminal and run scrcpy)