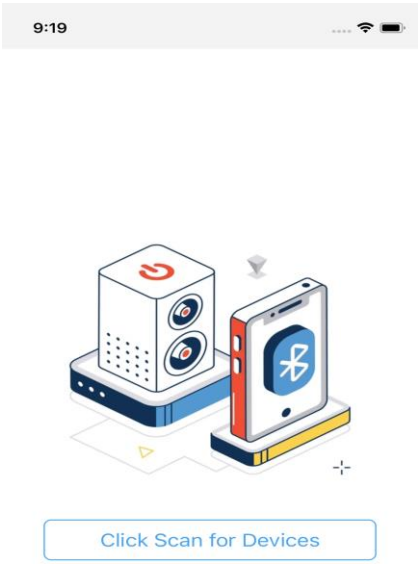
Ble POC

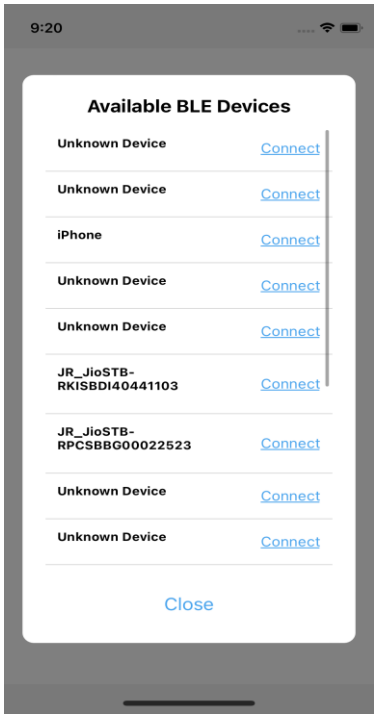
1. First screen when we launch the application. On click of search button it will start search nearby available BLE devices.



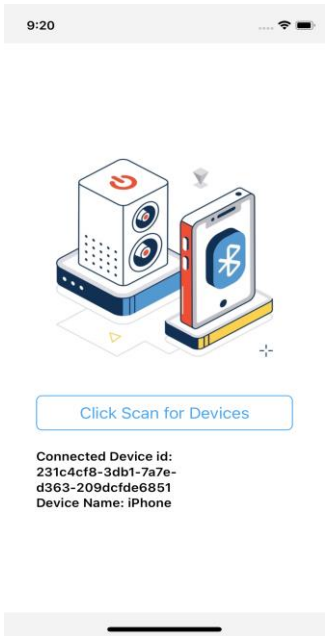
2. After click on the scan button one animation will be shown on the screen and in the background, it will be keep on fetching the available BLE devices list.

3. Once the scan will be completed it will display the list in a native modal so that user can select the device accordingly. I have number of BLE devices around me. One with the name of “iPhone”, which I have simulate my phone as Ble device to verify the connection.

- used NRF Connect App to convert iPhone as BLE device



4. Once we select any device it will display the selected device id and name on the first screen and close the device list modal.



5. Last step we can read all the data on which device we are connected with, Including its characteristics, serviceUUIDs, services etc.