**Serial Comm Manager GUI Document**

Prefix:

Before start initiating application check if serial comm windows is opened or not. if opened, Close Services and VCOMM port

Figure 1 Front Page

**SUKRAA Serial COMM Manager**

RESET

SETTINGS

DETAILS

COM1(drop/text)

Select Device COMM:

Select BAUD RATE:

(drop down)

Select Device comm -> is the original comm device from device manager. Should use for sevices and device communication

Select Baud rate -> speed to communicate with comm device

BAUD RATE LIST:

4800, 9600, 19200, 38400, 57600, 115200, 230400

Button:RESET->

Cmd: AT+RST

Functionality: To reset Device

BUTTON:SETTINGS->

Step 1: Store Device comm and baudrate

Step 2: Navigate in to Page 2

BUTTON:DETAILS

**SUKRAA Serial COMM Manager**

DEVICE 1(text box)

DEVICE NAME :

(drop down)

MODE:

(Text box)

IP Address:

(text box)

SSID:

(text box)

PASSWORD:

(text box)

BUFFER SIZE:

(Drop down)

BAUD RATE:

Step 1: Store Device comm and baudrate

Step 2: REFER get config button in page 3

Step 3: Navigate in to Page 4

Figure 2 Page 2

**SUKRAA Serial COMM Manager**

SET CONFIG

NEXT

BACK

GET CONFIG

DEVICE 1(text box)

DEVICE NAME :

(drop down)

MODE:

(Text box)

IP Address:

(text box)

SSID:

(text box)

PASSWORD:

(text box)

BUFFER SIZE:

(Drop down)

BAUD RATE:

BUTTON: BACK -> navigate to Front page

BUTTON: GETCONFIG :-

CMD=> AT+GETCONF

RETURN FORMAT: to be updated

BUTTON: SETCONFIG :-

CMD=> AT+SETCONF

Example=>to be updated

BUTTON: Next-> will be navigate to page 3

Figure 3 Page 3

|  |  |  |  |
| --- | --- | --- | --- |
| S.no(lable) | IP ADDRESS(lable) | Device name(lable) | VCOMM (lable) |
| (lable) | (lable) | (lable) | (drop down) |
| (lable) | (lable) | (lable) | (drop down) |
| (lable) | (lable) | (lable) | (drop down) |
| (lable) | (lable) | (lable) | (drop down) |
| (lable) | (lable) | (lable) | (drop down) |

**SUKRAA Serial COMM Manager**

GET CLIENT DETAIS

FINISH

BUTTON:GET CLIENT DETAILS

CMD: AT+GETCLIENTDETAIL

RESPONSE: GETCLIENTDETAIL:NAME1-172.16.1.2, NAME2-172.16.1.3, NAME3-172.16.1.4, NAME4-172.16.1.5,NAME5-172.16.1.6

BUTTON:FINISH

Once select all the VCOMM finish the program and initiate service and create vcomm for vendor application

Figure 4 Page 4

**SUKRAA Serial COMM Manager**

DEVICE 1(text box)

(Drop down)

BAUD RATE:

DEVICE NAME :

(drop down)

MODE:

BACK

(Text box)

IP Address:

(text box)

SSID:

(text box)

PASSWORD:

(text box)

BUFFER SIZE: