HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY
FACULTY OF COMPUTER SCIENCE AND ENGINEERING

EMBEDDED SYSTEM

Laboratory Exercise Report N.O 5

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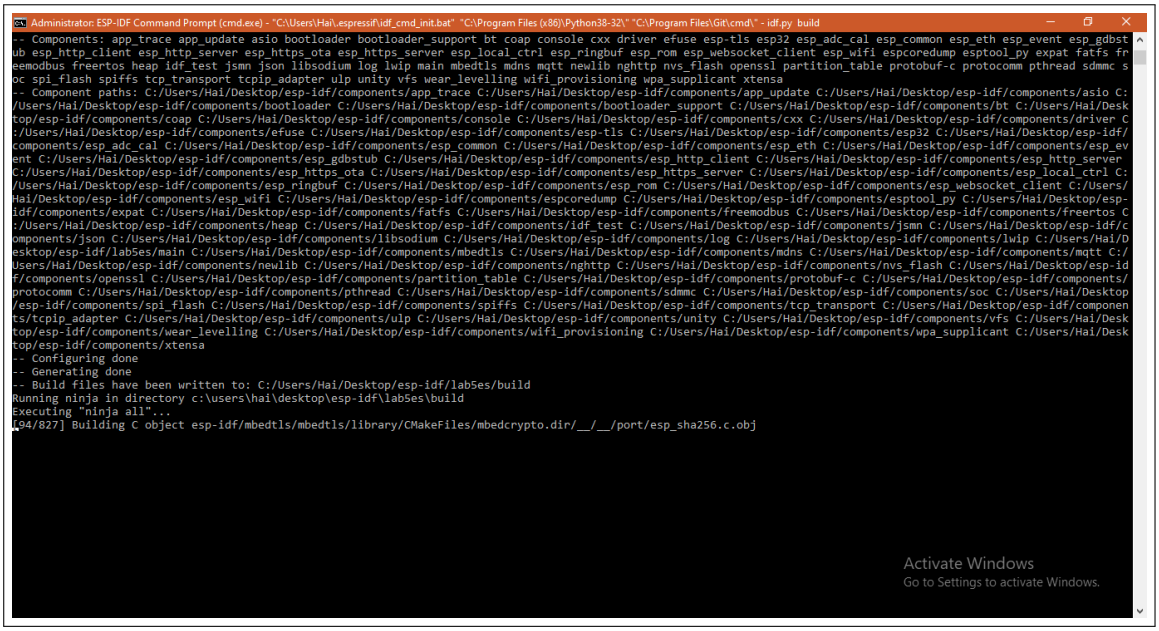
June, 2020

Table 1: GROUP'S MEMBERS

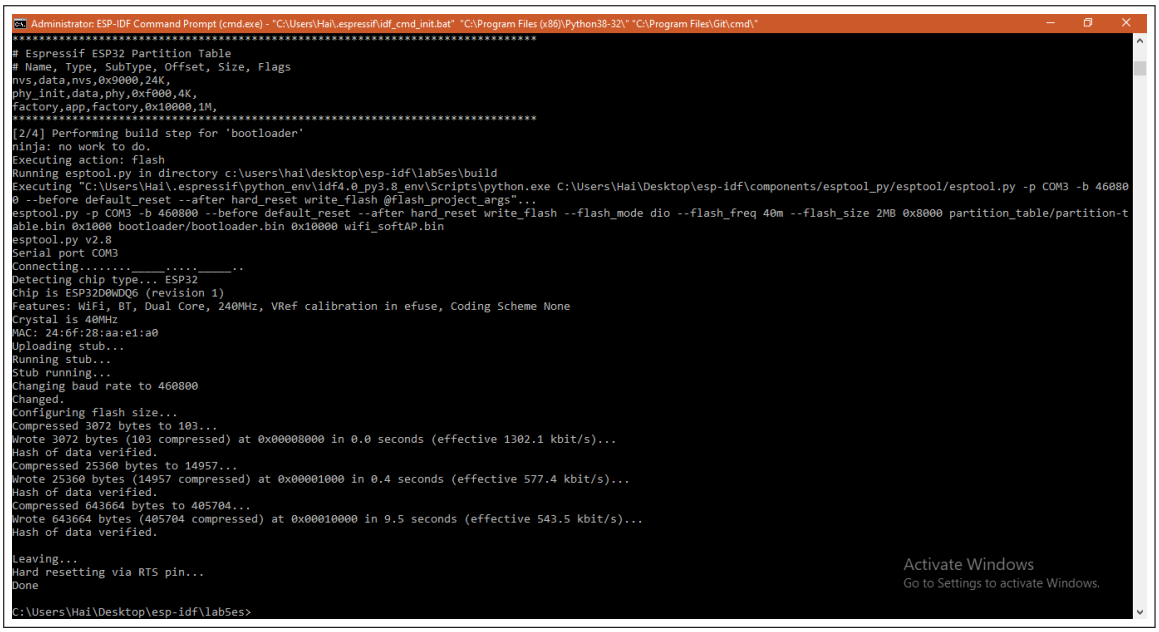
No.	Name	ID
1	Vuong Le Huy	1652252
2	Nguyen La Thong	1752522

1 Setup Host

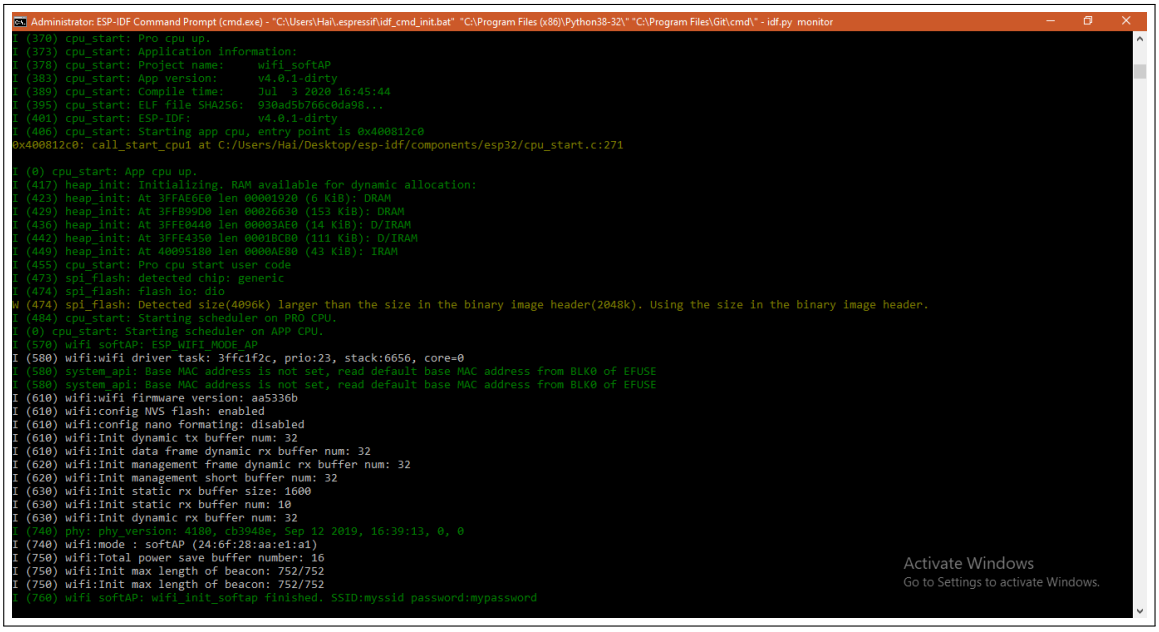
1.1 Build



1.2 Flask

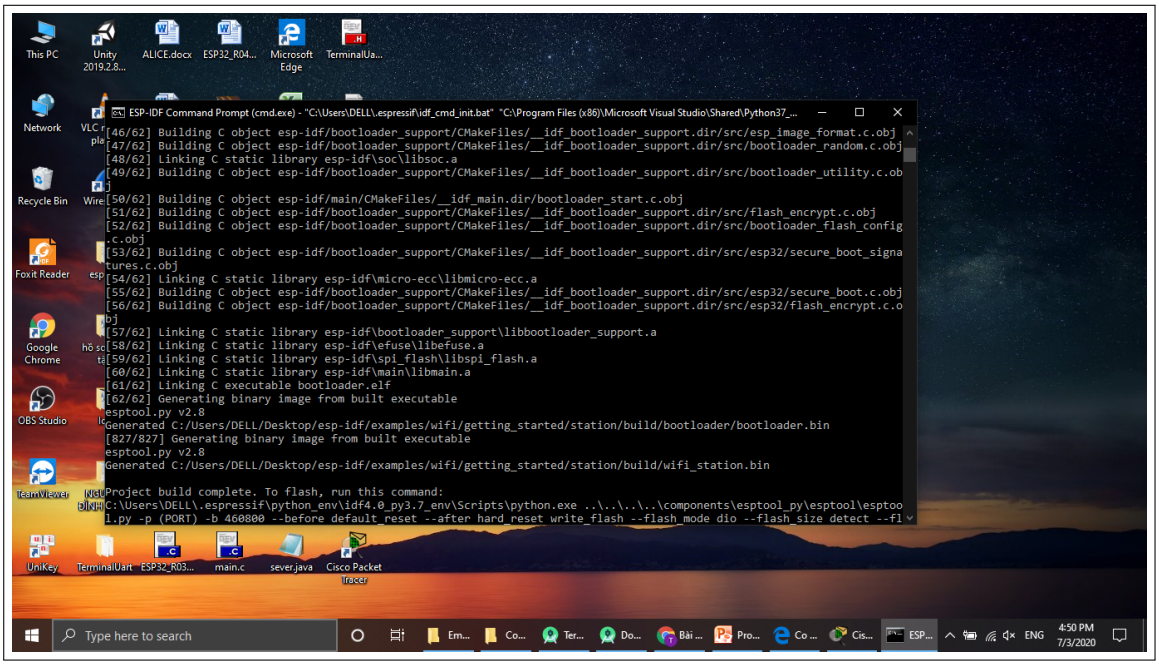


1.3 Monitor

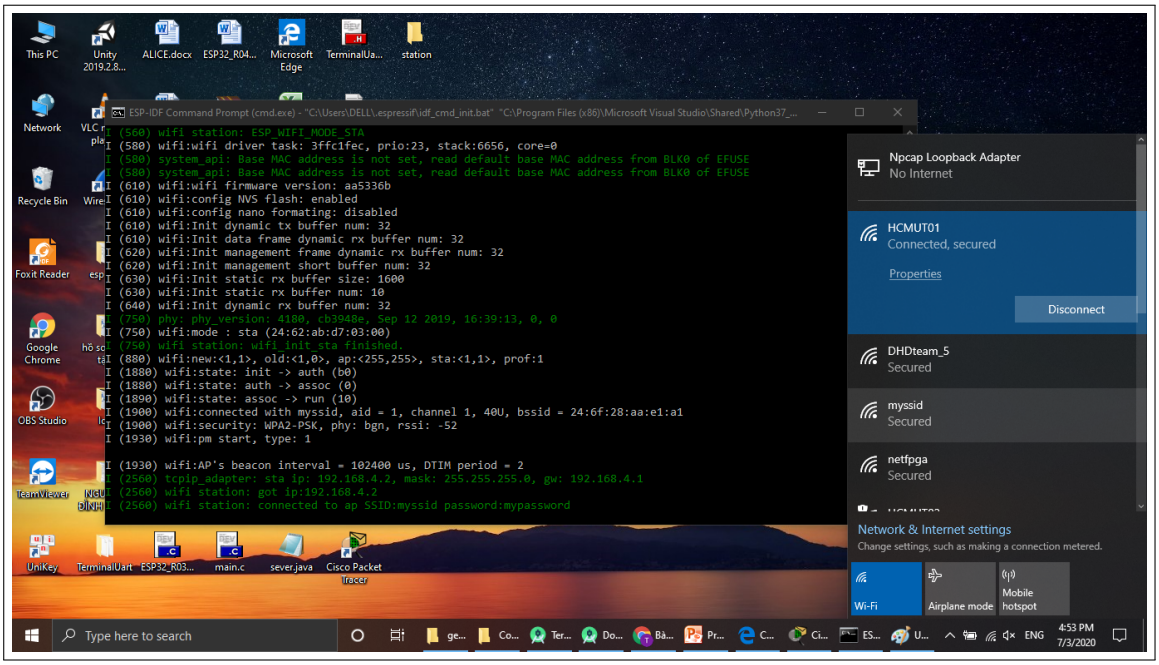


2 Client Connect to Host

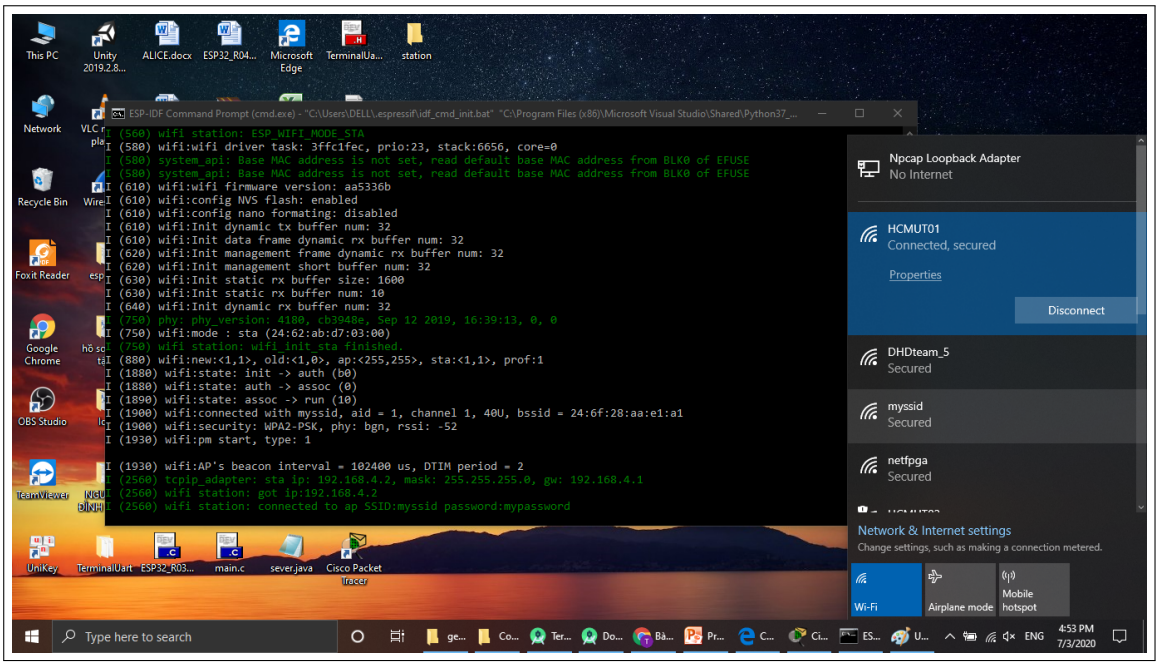
2.1 Build



2.2 Flash



2.3 Monitor


ESP-IDF Command Prompt (cmd.exe)
I (560) wifi station: ESP_WIFI_MODE_STA
I (580) wifi:wifi driver task: 3ffc1fec, prio:23, stack:6656, core=0
I (580) system_api: Base MAC address is not set, read default base MAC address from BLK0 of EFUSE
I (580) system_api: Base MAC address is not set, read default base MAC address from BLK0 of EFUSE
I (610) wifi:wifi firmware version: aa5336b
I (610) wifi:config NVS flash: enabled
I (610) wifi:config nano formating: disabled
I (610) wifi:Init dynamic tx buffer num: 32
I (610) wifi:Init data frame dynamic rx buffer num: 32
I (620) wifi:Init management frame dynamic rx buffer num: 32
I (620) wifi:Init management short buffer num: 32
I (630) wifi:Init static rx buffer size: 1600
I (630) wifi:Init static rx buffer num: 10
I (640) wifi:Init dynamic rx buffer num: 32
I (750) phy: phy_version: 4180, cb3948e, Sep 12 2019, 16:39:13, 0, 0
I (750) wifi:mode : sta (24:62:ab:d7:03:00)
I (750) wifi station: wifi_init_sta finished.
I (880) wifi:new:<1,1>, old:<1,0>, ap:<255,255>, sta:<1,1>, prof:1
I (1880) wifi:state: init -> auth (b0)
I (1880) wifi:state: auth -> assoc (0)
I (1890) wifi:state: assoc -> run (10)
I (1900) wifi:connected with myssid, aid = 1, channel 1, 40U, bssid = 24:6f:28:aa:e1:a1
I (1900) wifi:security: WPA2-PSK, phy: bgn, rssi: -52
I (1930) wifi:pm start, type: 1
I (1930) wifi:AP's beacon interval = 102400 us, DTIM period = 2
I (2560) tcpip_adapter: sta ip: 192.168.4.2, mask: 255.255.255.0, gw: 192.168.4.1
I (2560) wifi station: got ip:192.168.4.2
I (2560) wifi station: connected to ap SSID:myssid password:mypassword
Npcap Loopback Adapter
No Internet
HCMUT01
Connected, secured
Properties
Disconnect
DHDteam_5
Secured
myssid
Secured
netfpga
Secured
Network & Internet settings
Change settings, such as making a connection metered.
Wi-Fi
Airplane mode
Mobile hotspot
Type here to search
ENG
4:53 PM
7/3/2020