

Project1

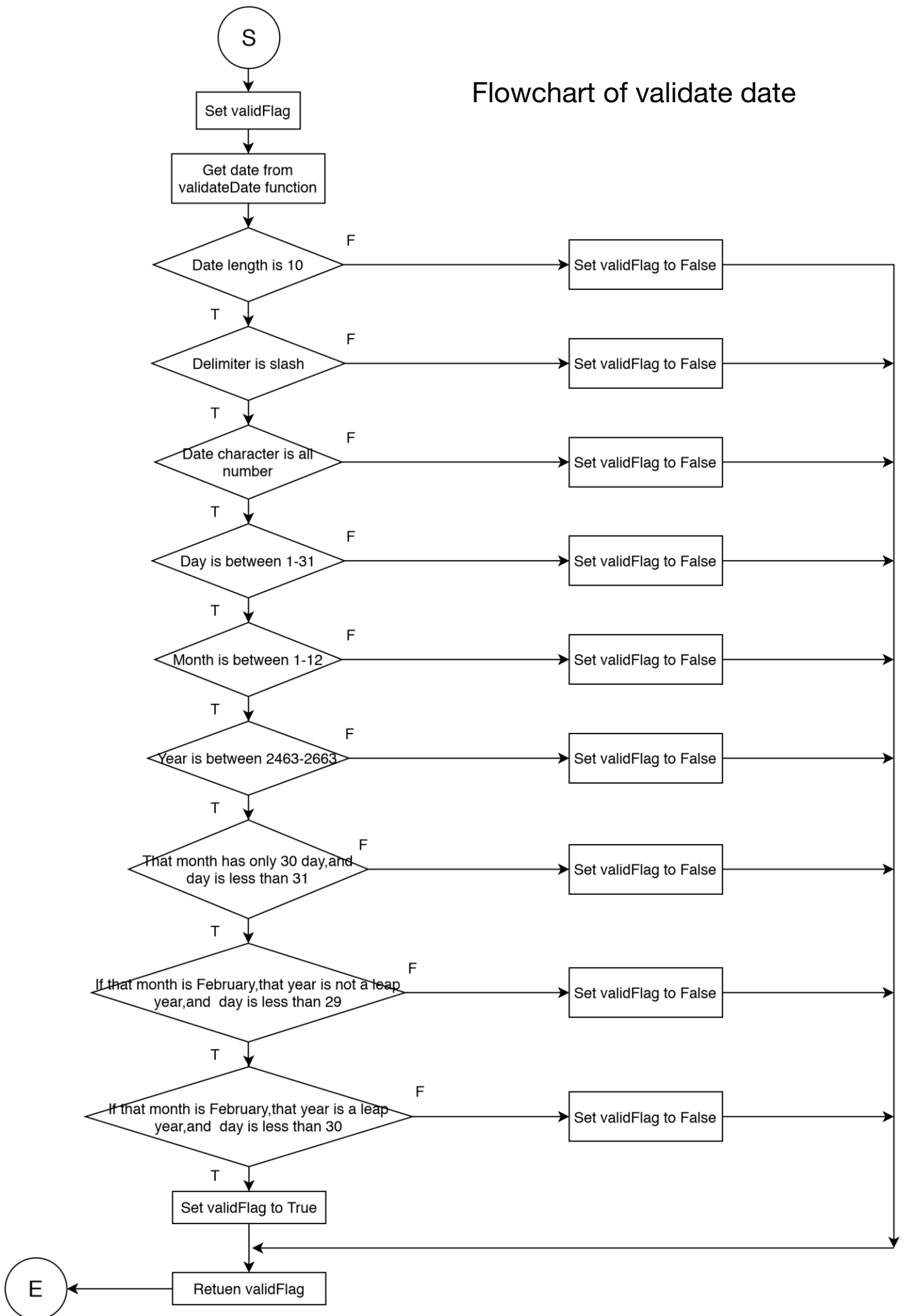
Validation

1. Validate date in form dd/mm/yyyy
2. Validate CPE student ID number
3. Validate street address in Bangkok
4. Validate IP address

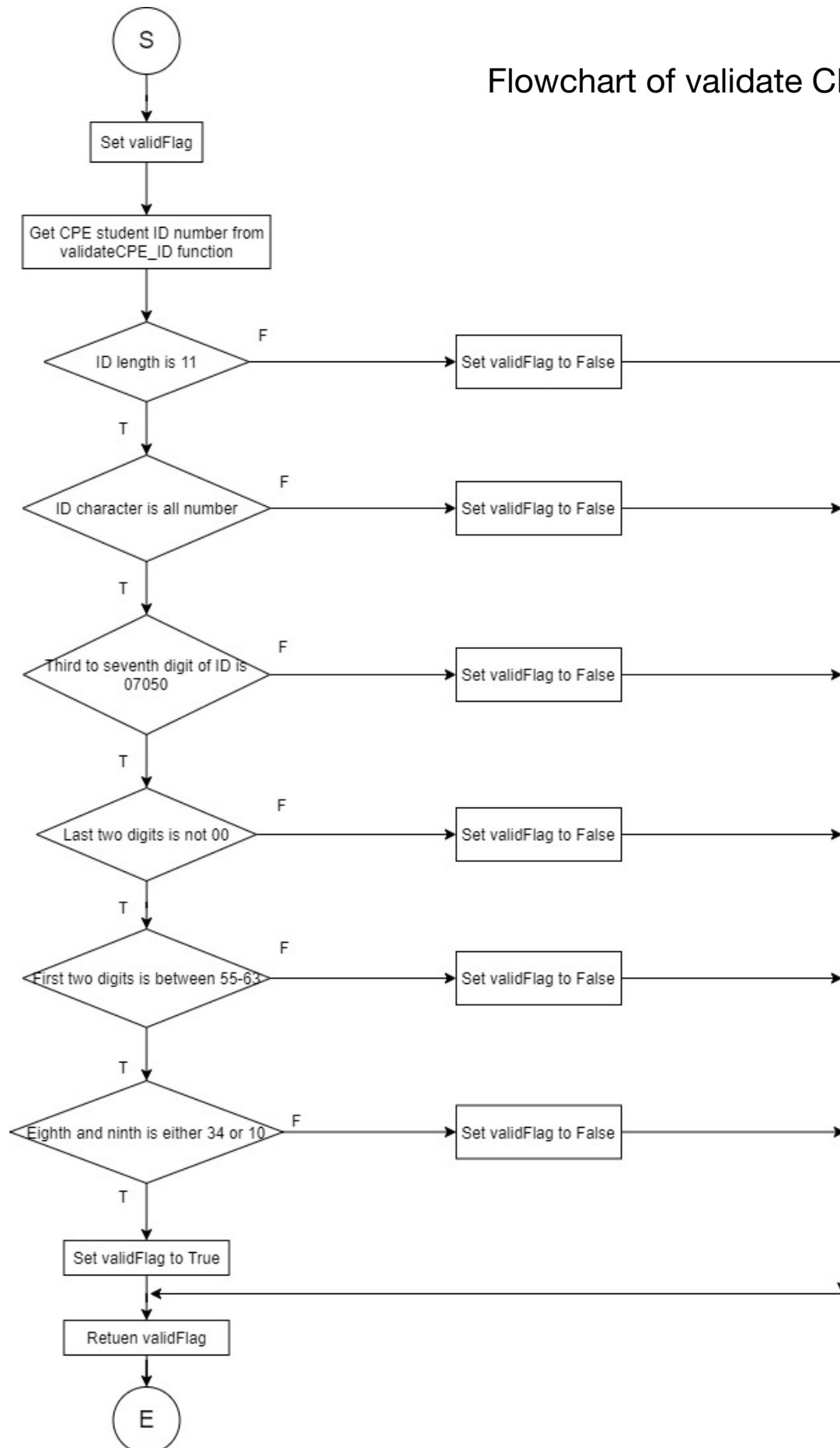
Created by Nattapong Saengarunvong (Milo)

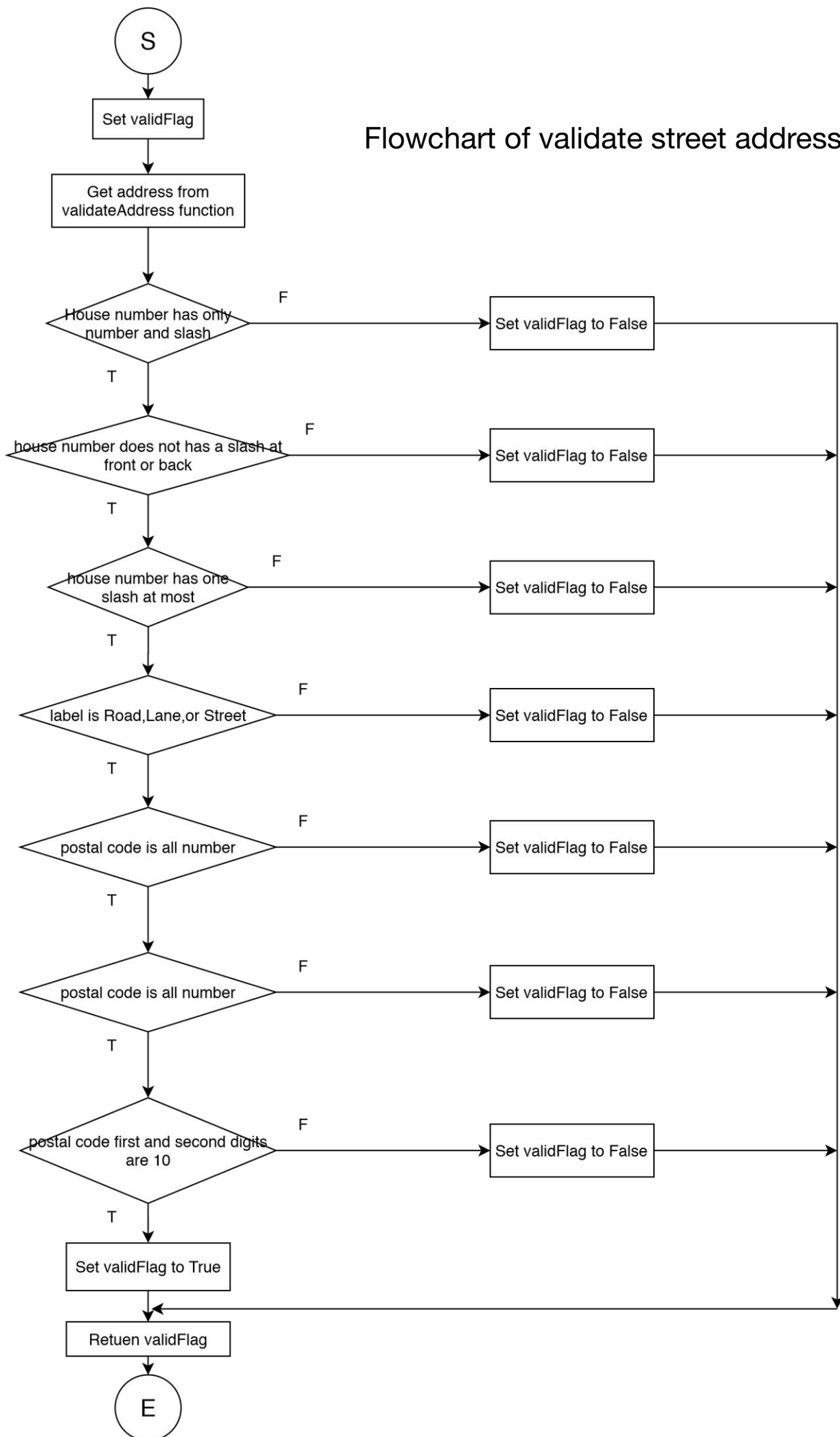
ID: 63070503415

Flowchart of validate date

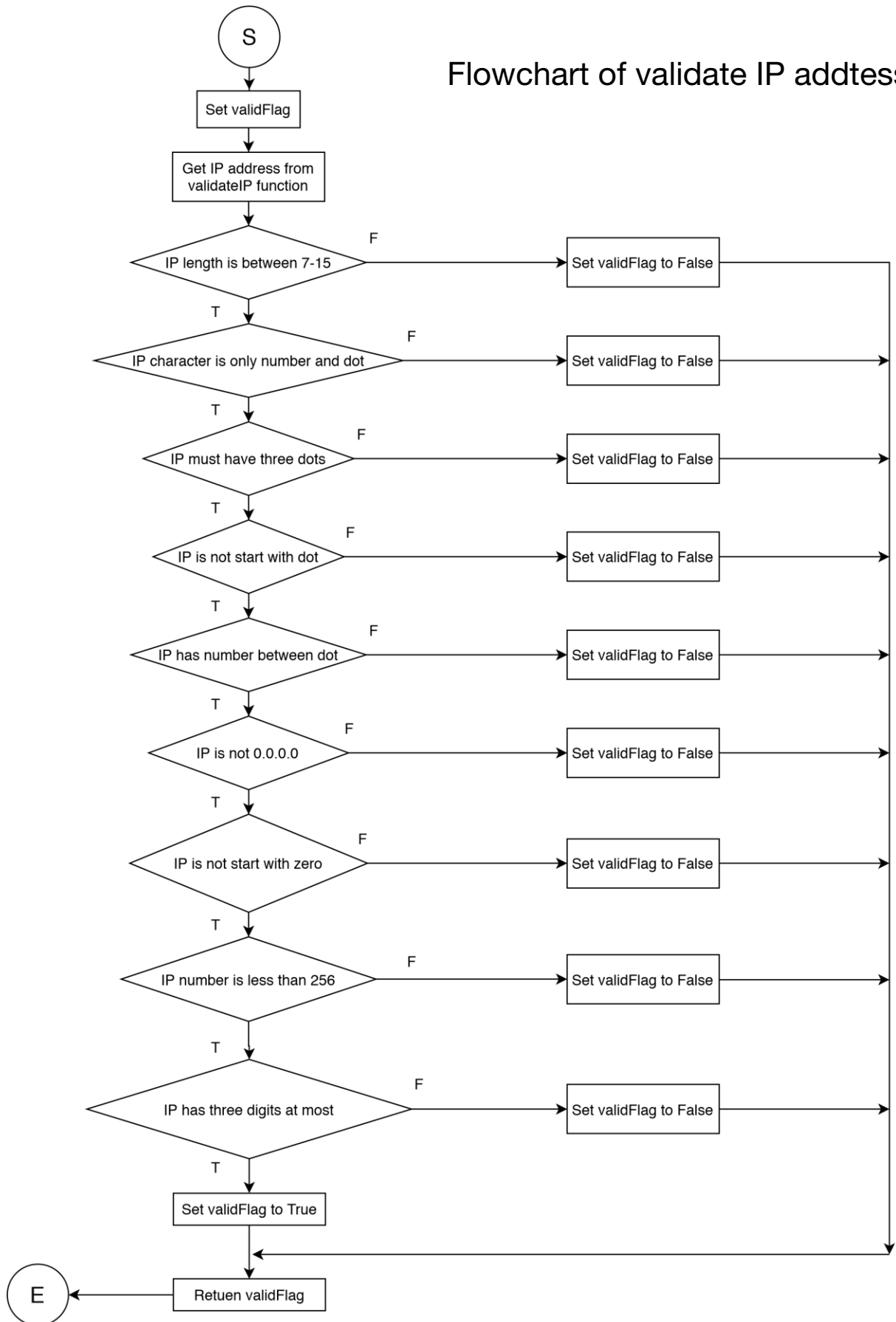


Flowchart of validate CPE ID





Flowchart of validate IP address



Testing run of validate date

■ C:\Users\HP\Desktop\Project1.exe

Validation options:

- 1-Check date in form dd/mm/yyyy-Buddhist year
- 2-Check CPE student ID number
- 3-Check street address in Bangkok
- 4-Check IP address
- 5-Exit the program

What do you want to do?1

Validate date in form dd/mm/yyyy-Buddhist year(Hit return to stop)

Enter date in form dd/mm/yyyy-Buddhist year:12/10/2561

Valid

Enter date in form dd/mm/yyyy-Buddhist year:03/05/2663

Valid

Enter date in form dd/mm/yyyy-Buddhist year:11/12/2463

Valid

Enter date in form dd/mm/yyyy-Buddhist year:29/02/2555

Valid

Enter date in form dd/mm/yyyy-Buddhist year:29/02/2563

Valid

Enter date in form dd/mm/yyyy-Buddhist year:30/06/2475

Valid

Enter date in form dd/mm/yyyy-Buddhist year:31/07/2610

Valid

Enter date in form dd/mm/yyyy-Buddhist year:12/aa/2560

Not valid - Day,month and year must be a number

Enter date in form dd/mm/yyyy-Buddhist year:oq/09/2510

Not valid - Day,month and year must be a number

Enter date in form dd/mm/yyyy-Buddhist year:31/06/2560

Not valid - This month has only 30 days

Enter date in form dd/mm/yyyy-Buddhist year:32/09/2610

Not valid - Day must be between 1 to 31

Enter date in form dd/mm/yyyy-Buddhist year:30/13/2521

Not valid - Month must be between 1 to 12

Enter date in form dd/mm/yyyy-Buddhist year:12/12/2017

Not valid - Year must be between 2463 to 2663

Enter date in form dd/mm/yyyy-Buddhist year:29/02/2554

Not valid - This year is not a leap yaer

Enter date in form dd/mm/yyyy-Buddhist year:9/8/2449

Not valid - Input must be in form dd/mm/yyyy

Enter date in form dd/mm/yyyy-Buddhist year:09-12-2599

Not valid - Delimiter must be /

Enter date in form dd/mm/yyyy-Buddhist year:09/12/2699

Not valid - Year must be between 2463 to 2663

Enter date in form dd/mm/yyyy-Buddhist year:■

Testing run of validate CPE ID

■ C:\Users\HP\Desktop\Project1.exe

Validation options:

- 1-Check date in form dd/mm/yyyy-Buddhist year
- 2-Check CPE student ID number
- 3-Check street address in Bangkok
- 4-Check IP address
- 5-Exit the program

What do you want to do?2

Validate CPE student ID number(Hit return to stop)

Enter CPE student ID number:56070503412

Valid

Enter CPE student ID number:60070501023

Valid

Enter CPE student ID number:59070501001

Valid

Enter CPE student ID number:61070503499

Valid

Enter CPE student ID number:62070501001

Valid

Enter CPE student ID number:63070503499

Valid

Enter CPE student ID number:54070503412

Not valid - First two ID digits must be between 55 to 63

Enter CPE student ID number:5607053412

Not valid - ID must be 11 digits

Enter CPE student ID number:590705A3422

Not valid - ID must be only number

Enter CPE student ID number:59660503457

Not valid - ID must have 07050 in the middle

Enter CPE student ID number:57070503400

Not valid - Last two ID digits must not be 00

Enter CPE student ID number:62070501153

Not valid - Digit 8 and 9 must be either 34 or 10

Enter CPE student ID number:6307 503499

Not valid - ID must be 11 digits

Enter CPE student ID number:■

Testing run of street address

■ C:\Users\HP\Desktop\Project1.exe

Validation options:

- 1-Check date in form dd/mm/yyyy-Buddhist year
- 2-Check CPE student ID number
- 3-Check street address in Bangkok
- 4-Check IP address
- 5-Exit the program

What do you want to do?3

Validate street address in Bangkok(Hit return to stop)

Enter street address in Bangkok:2 Sukhumvit Road 10110

Valid

Enter street address in Bangkok:43/219 Thonglor 10234

Valid

Enter street address in Bangkok:150 16 Lane 10322

Valid

Enter street address in Bangkok:924/8 Prachautid Street 10140

Valid

Enter street address in Bangkok:Sukhumvit Road 10110

Not valid - House number must have only number and slash

Enter street address in Bangkok:43a Mountain Street 10211

Not valid - House number must have only number and slash

Enter street address in Bangkok:4/3/11 RamaI Road 10119

Not valid - House number has 1 slash at most

Enter street address in Bangkok:45/ Prachautid Road 10140

Not valid - House number must not start or end with slash

Enter street address in Bangkok:/120 Prachautid Street 10210

Not valid - House number must not start or end with slash

Enter street address in Bangkok:45/10 Prachautid Road 13111

Not valid - Postal code must begin with 10

Enter street address in Bangkok:21 Thonglor Lane 1022

Not valid - Postal code must have 5 digits

Enter street address in Bangkok:54/8 Thonglor Road 10BBC

Not valid - Postal code must be only a number

Enter street address in Bangkok:■

Testing run of IP address

■ C:\Users\HP\Desktop\Project1.exe

Validation options:

- 1-Check date in form dd/mm/yyyy-Buddhist year
- 2-Check CPE student ID number
- 3-Check street address in Bangkok
- 4-Check IP address
- 5-Exit the program

What do you want to do?4

Validate IP address(Hit return to stop)

Enter IP address:202.44.12.16

Valid

Enter IP address:1.5.003.20

Valid

Enter IP address:2.2.0.0

Valid

Enter IP address:55.126.200.255

Valid

Enter IP address:255.255.255.255

Valid

Enter IP address:21.0.0.0

Valid

Enter IP address:300.10.02.10

Not valid - IP address number must not be more than 255

Enter IP address:41.AA.21.210

Not valid - IP address must be only number and dot

Enter IP address:0.0.0.0

Not valid - IP address must not be 0.0.0.0

Enter IP address:0.21.32.255

Not valid - IP address must not start with 0

Enter IP address:20.15.26.50.14

Not valid - IP address must have 3 dots

Enter IP address:22..43.012.23

Not valid - IP address must have 3 dots

Enter IP address:201..54.31

Not valid - IP address must have numbers between dot

Enter IP address:20.5.6.00001

Not valid - IP number must have 3 digits at most

Enter IP address:■

Summary

■ C:\Users\HP\Desktop\Project1.exe

Validation options:

- 1-Check date in form dd/mm/yyyy-Buddhist year
- 2-Check CPE student ID number
- 3-Check street address in Bangkok
- 4-Check IP address
- 5-Exit the program

What do you want to do?5

Program run summary:

Validation type 1: 17
Validation type 2: 13
Validation type 3: 12
Validation type 4: 14

Goodbye!

Process exited after 1929 seconds with return value 0
Press any key to continue . . .