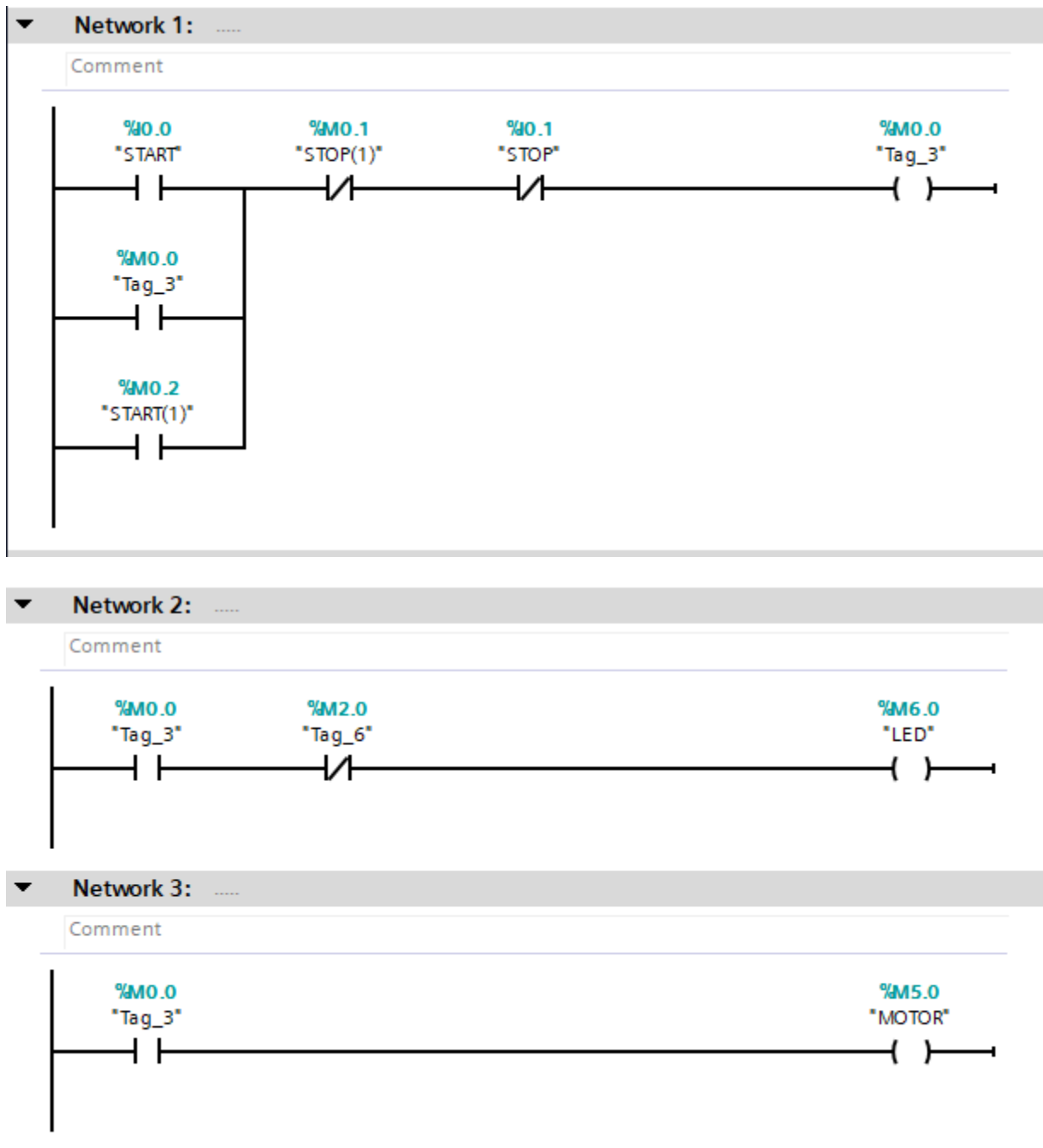


Full name: Nguyễn Quốc Đạt

ID:17141003

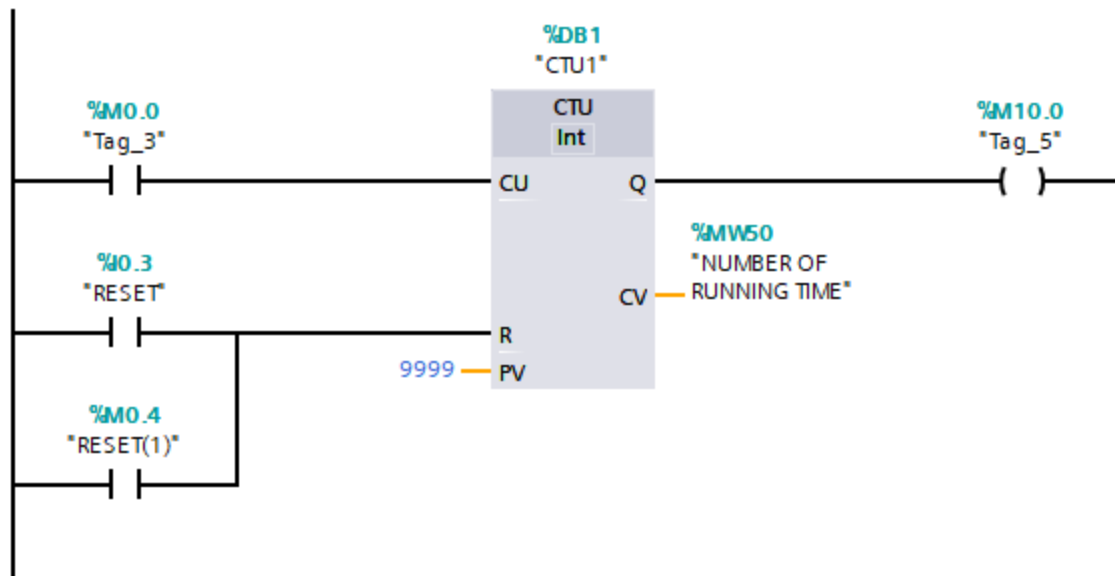
SCADA – ASSIGNMENT WEEK 5

Main OB1:



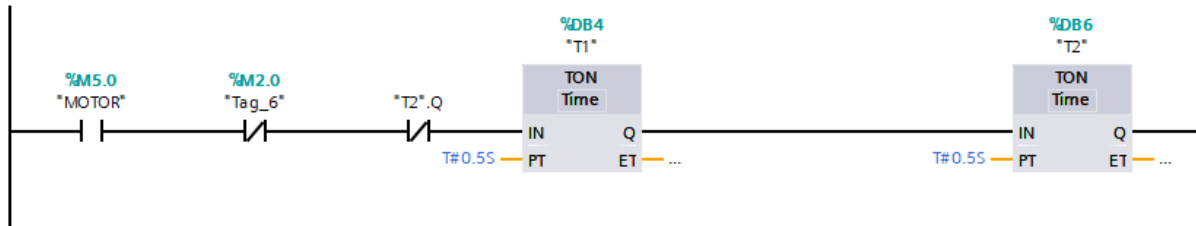
▼ Network 4:

Comment



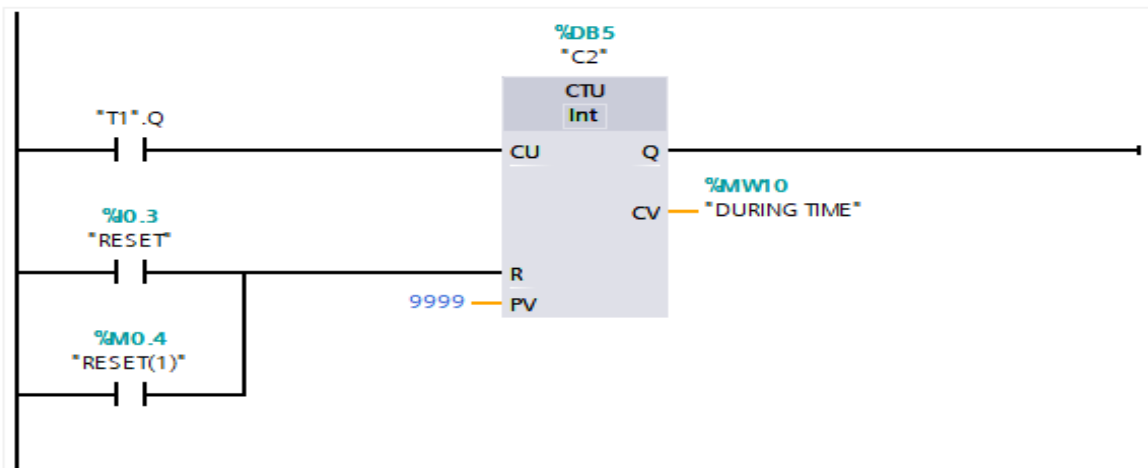
▼ Network 5: Total duration of time the motor has run

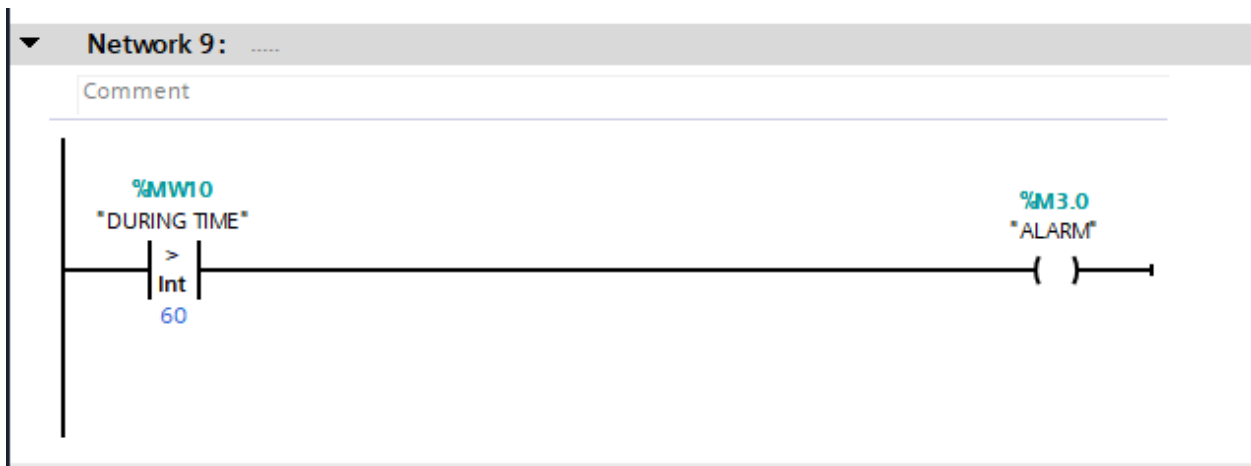
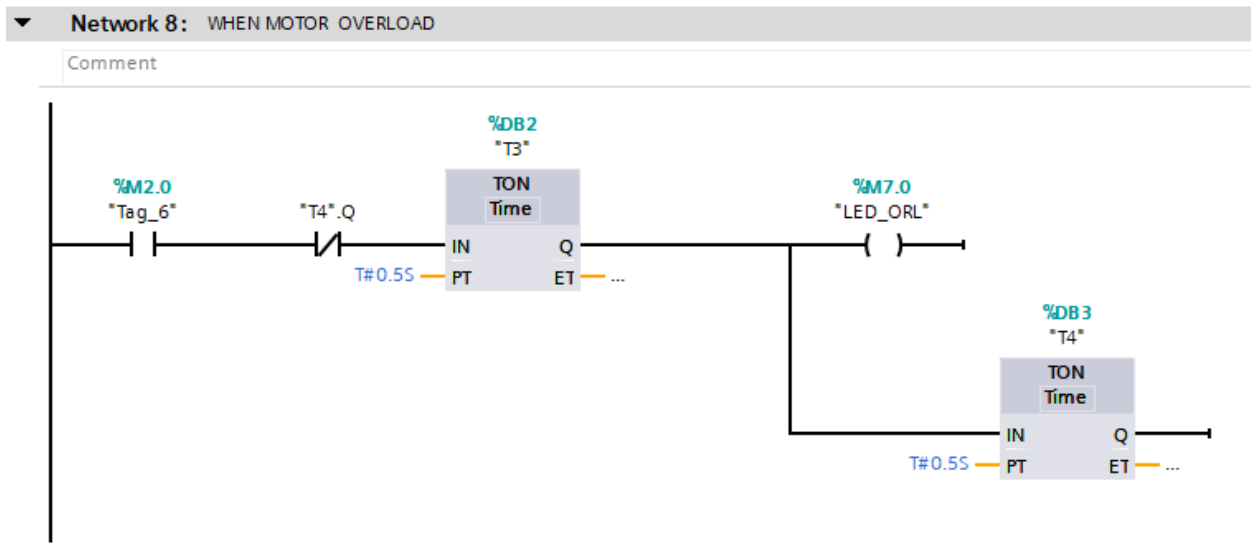
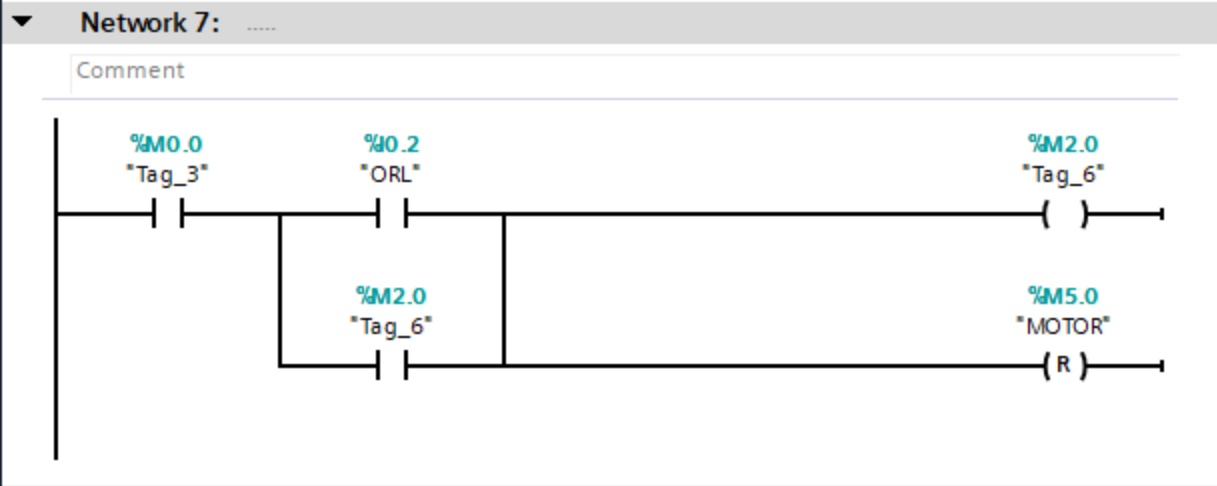
Comment



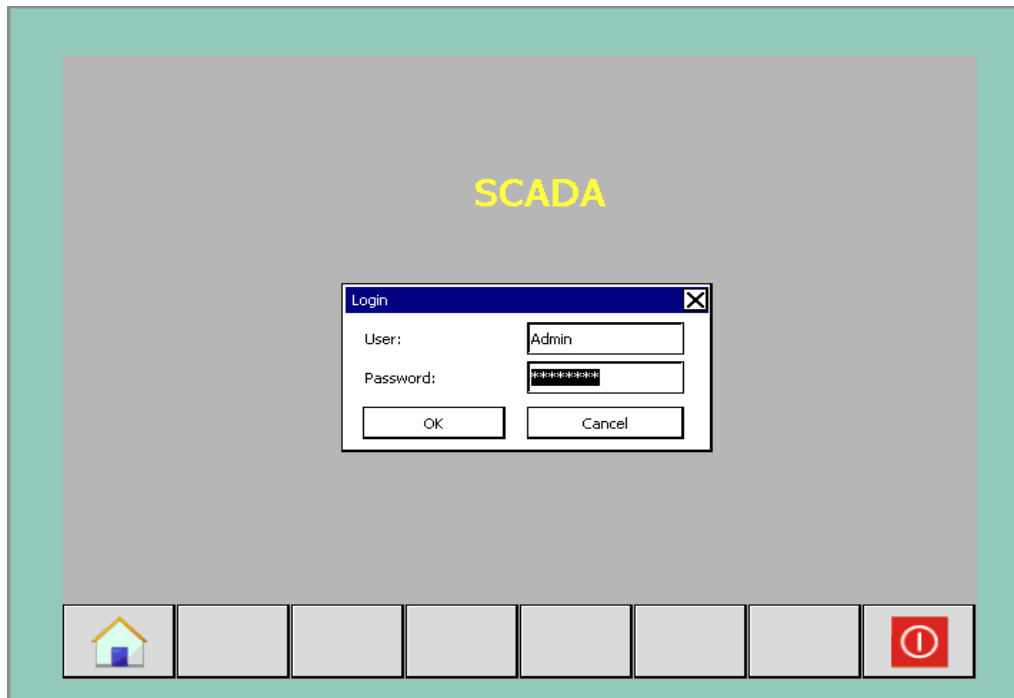
▼ Network 6:

Comment

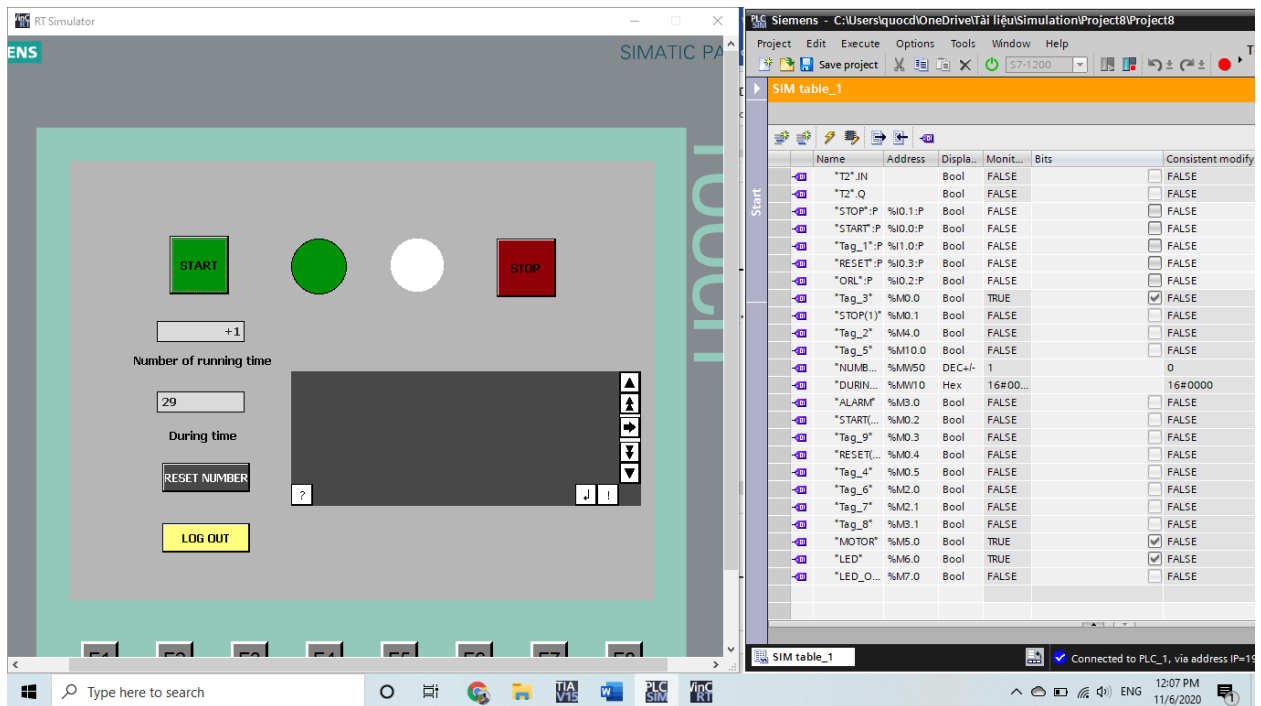




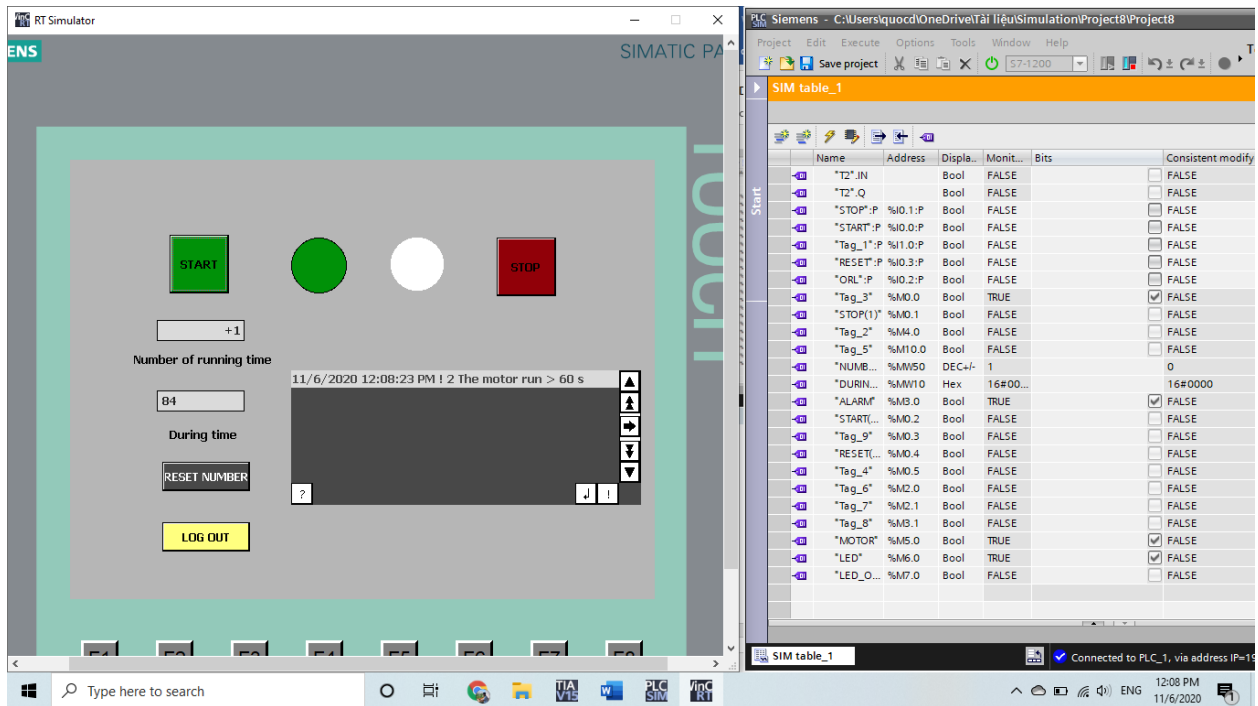
HMI LOG-IN display:



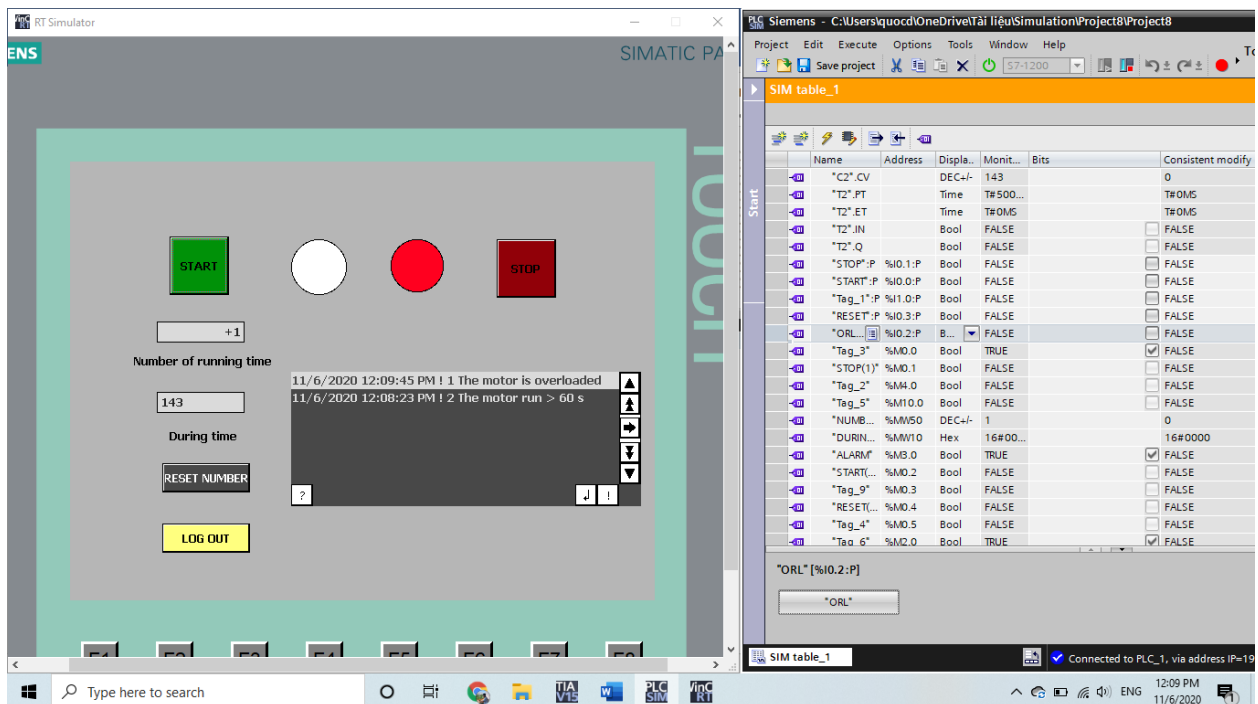
PRESS START:



When motor has run over 60 second:



When overload: motor off, led flash 0.5s on- 0.5s off



PRESS STOP:

RT Simulator

ENS

SIMATIC PA

START

STOP

+2

Number of running time

145

During time

RESET NUMBER

LOG OUT

11/6/2020 12:09:45 PM ! 1 The motor is overloaded

11/6/2020 12:08:23 PM ! 2 The motor run > 60 s

Siemens - C:\Users\quocd\OneDrive\Tài liệu\Simulation\Project8\Project8

Project Edit Execute Options Tools Window Help

Save project

57-1200

SIM table_1

	Name	Address	Displa...	Monit...	Bits	Consistent modify
Start	"C2".CV		DEC+/-	145		0
	"T2".PT		Time	T#500...		T#0MS
	"T2".ET		Time	T#0MS		T#0MS
	"T2".IN		Bool	FALSE		<input type="checkbox"/> FALSE
	"T2".Q		Bool	FALSE		<input type="checkbox"/> FALSE
	"STOP".P	%I0.1:P	Bool	FALSE		<input type="checkbox"/> FALSE
	"START".P	%I0.0:P	Bool	FALSE		<input type="checkbox"/> FALSE
	"Tag_1".P	%I1.0:P	Bool	FALSE		<input type="checkbox"/> FALSE
	"RESET".P	%I0.3:P	Bool	FALSE		<input type="checkbox"/> FALSE
	"ORL..."	%I0.2:P	B...	FALSE		<input type="checkbox"/> FALSE
	"Tag_3"	%M0.0	Bool	FALSE		<input type="checkbox"/> FALSE
	"STOP(1)"	%M0.1	Bool	FALSE		<input type="checkbox"/> FALSE
	"Tag_2"	%M4.0	Bool	FALSE		<input type="checkbox"/> FALSE
	"Tag_5"	%M10.0	Bool	FALSE		<input type="checkbox"/> FALSE
	"NUMB..."	%MW50	DEC+/-	2		0
	"DURIN..."	%MW10	Hex	16#00...		16#0000
	"ALARM"	%M3.0	Bool	TRUE		<input checked="" type="checkbox"/> FALSE
	"START..."	%M0.2	Bool	FALSE		<input type="checkbox"/> FALSE
	"Tag_9"	%M0.3	Bool	FALSE		<input type="checkbox"/> FALSE
	"RESET..."	%M0.4	Bool	FALSE		<input type="checkbox"/> FALSE
	"Tag_4"	%M0.5	Bool	FALSE		<input type="checkbox"/> FALSE
	"Tag_6"	%M2.0	Bool	FALSE		<input type="checkbox"/> FALSE

"ORL" [%I0.2:P]

"ORL"

SIM table_1

Connected to PLC_1, via address IP=19

12:10 PM 11/6/2020