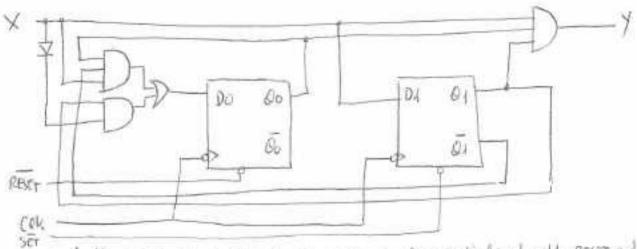
e) The complete insuit is something like this



At the initial state in Et a Oo = 0 and Ot = 1, Do it initialized with RESET and Dd is initialized with SET

* Question 5

a) Input: There are 3 inputs for the system, reading the ennunhale of the gruesten

(" C = neprigo zeuzoc

. It = Time for yellow

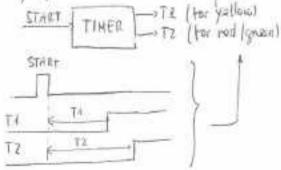
. TZ = Time for red/gusen

Output: There are 3 outputs for the system, understanding what the purestion progoses

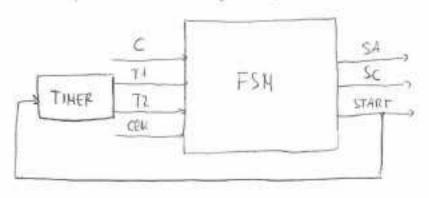
. SA = Traffic light for the motorway

. SC = Traffic light for the road

. START = Noceessary signal to start the know for Til and TZ



Therefore, the block diagrams for the circuit is like this:



b) Locking at the Notation for the STG, the virunit is Healey