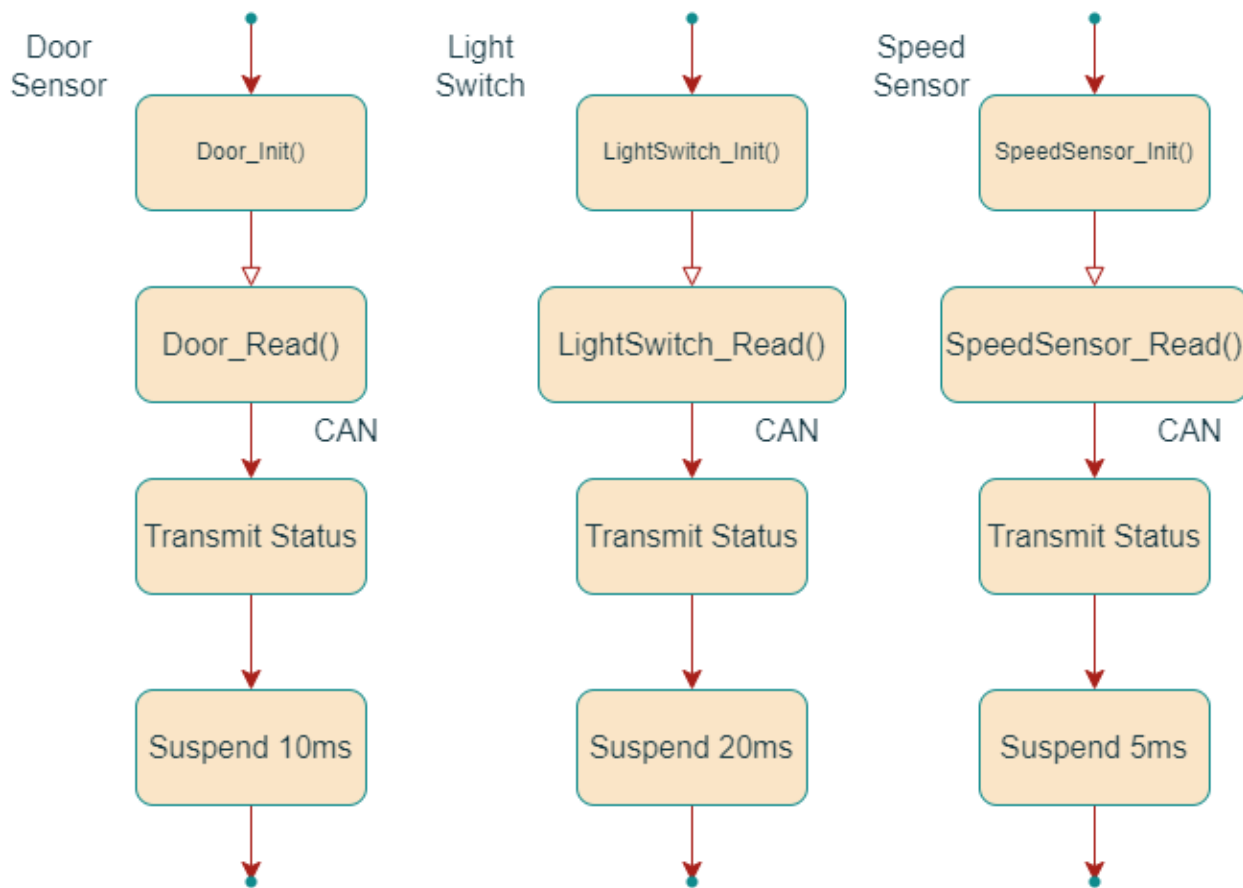


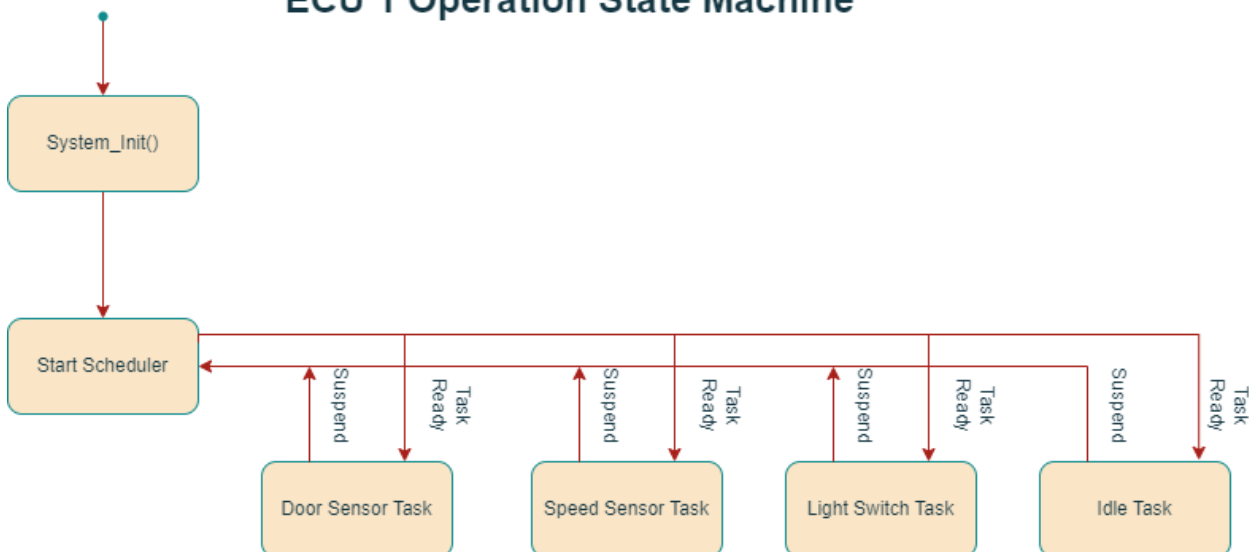
# AUTOMOTIVE DOOR DESIGN

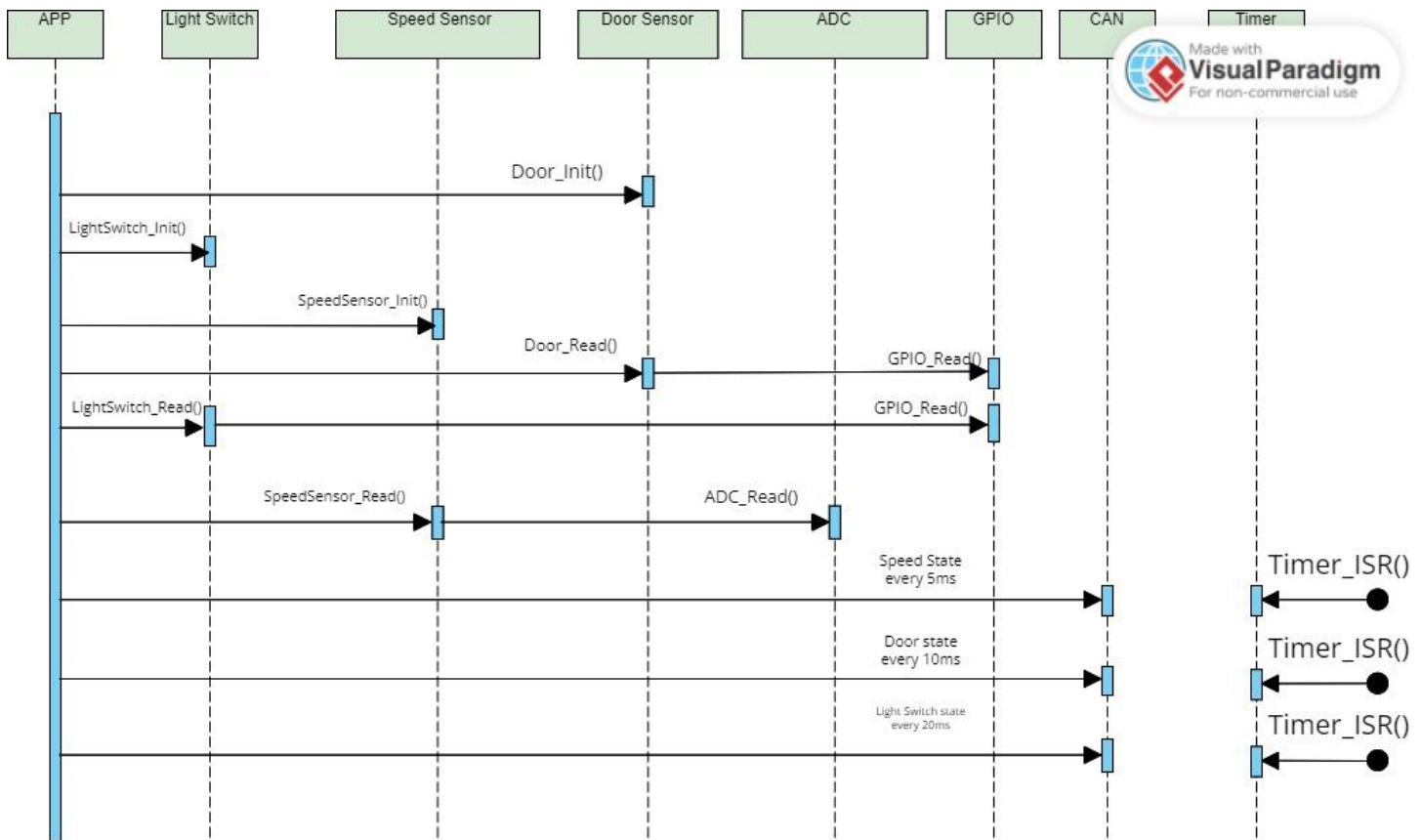
Dynamic Design

# ECU 1 Component State Machine



## ECU 1 Operation State Machine



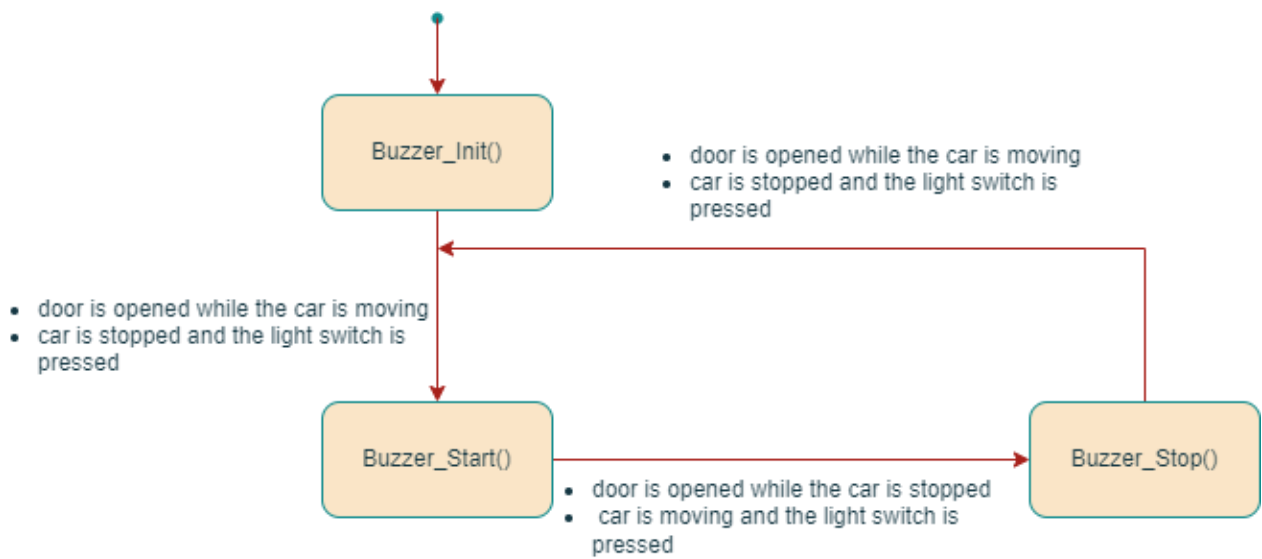


## CPU 1 Load

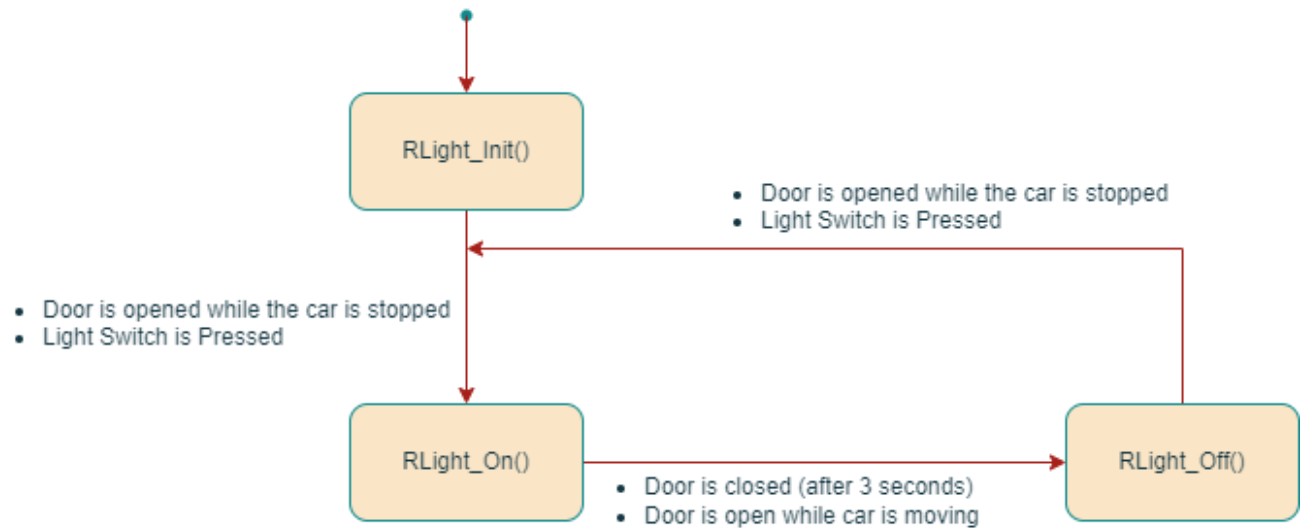
$$\text{CPU Utilization} = 100 - 65 = 35\%$$

# ECU 2 State Machine

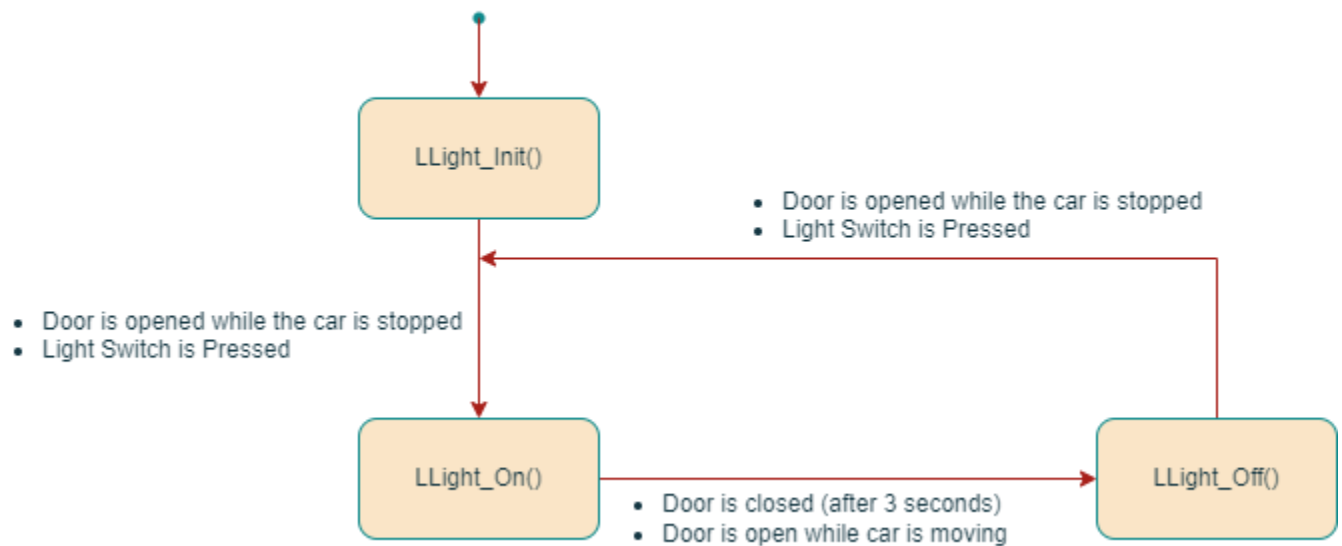
## Buzzer

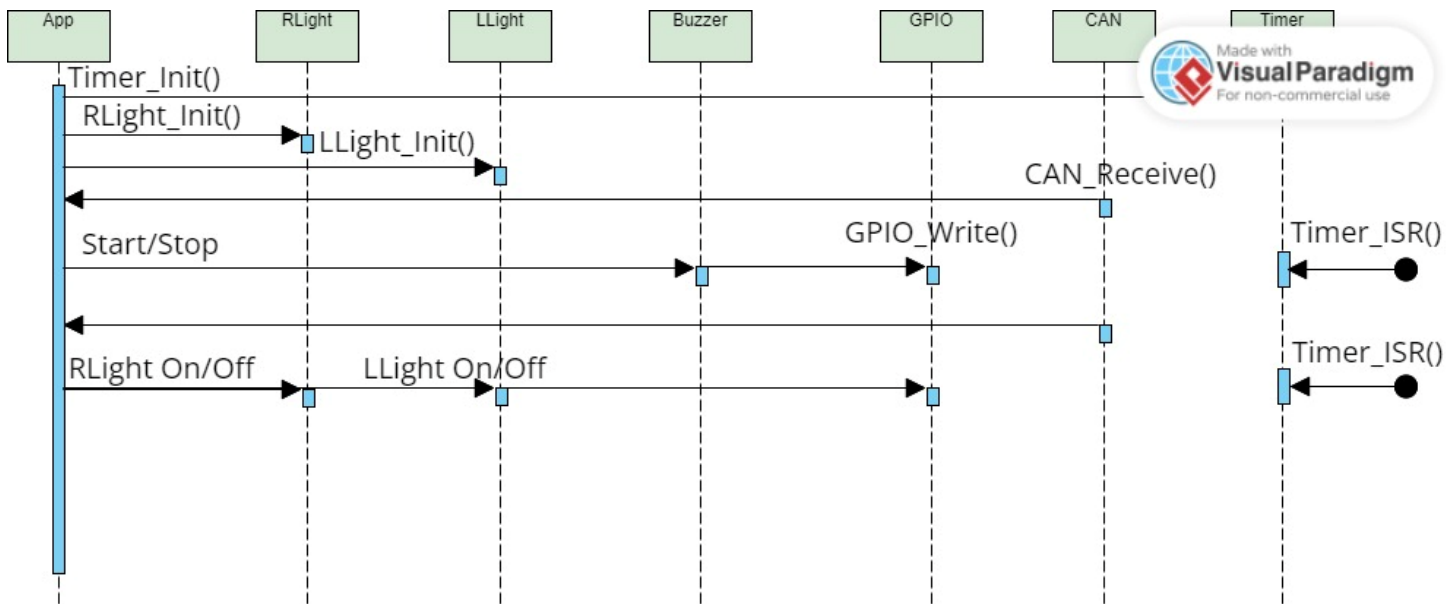


## Right Light



## Left Light





## CPU 1 Load

CPU Utilization =  $100 - 65 = 35\%$