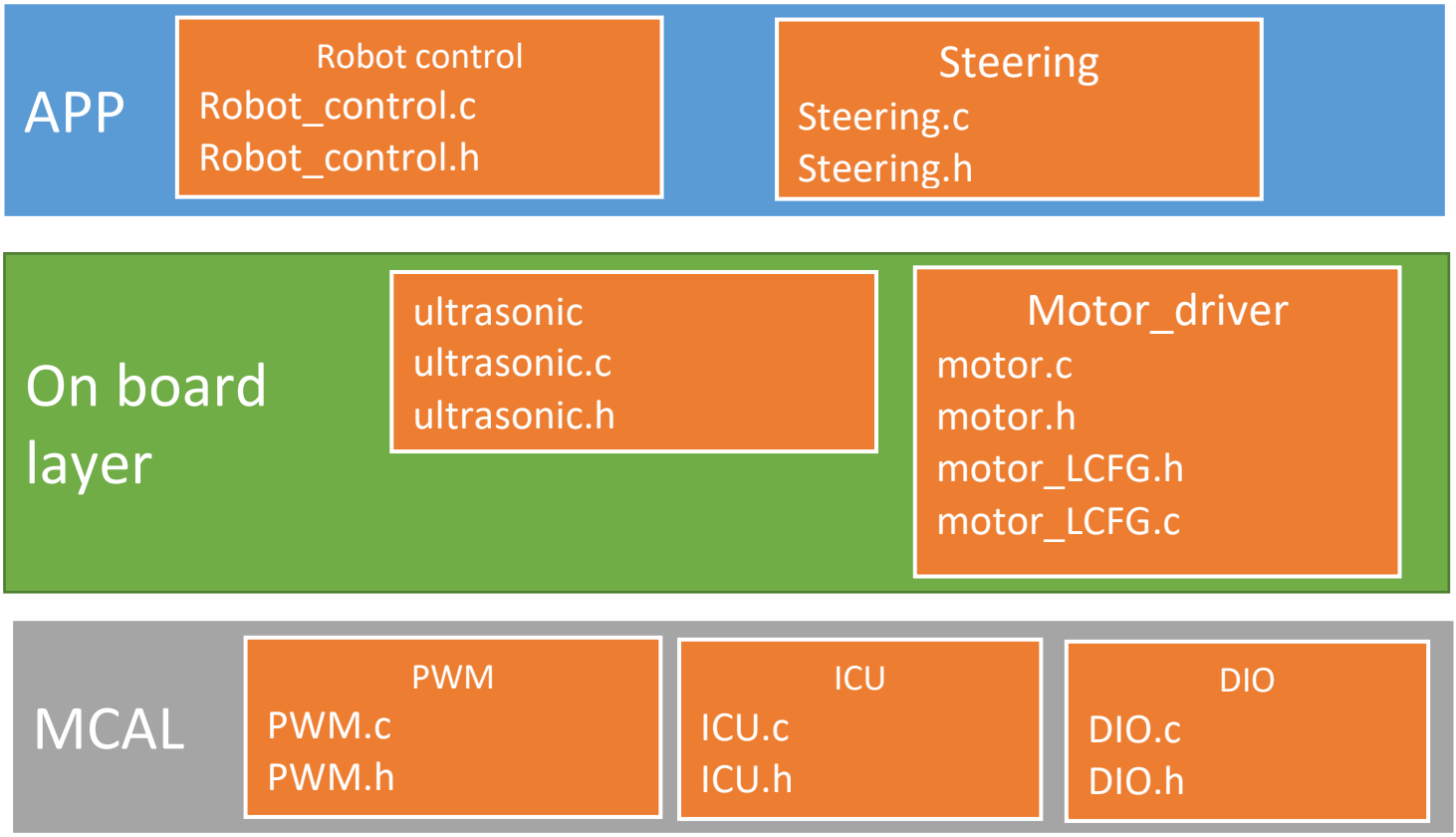
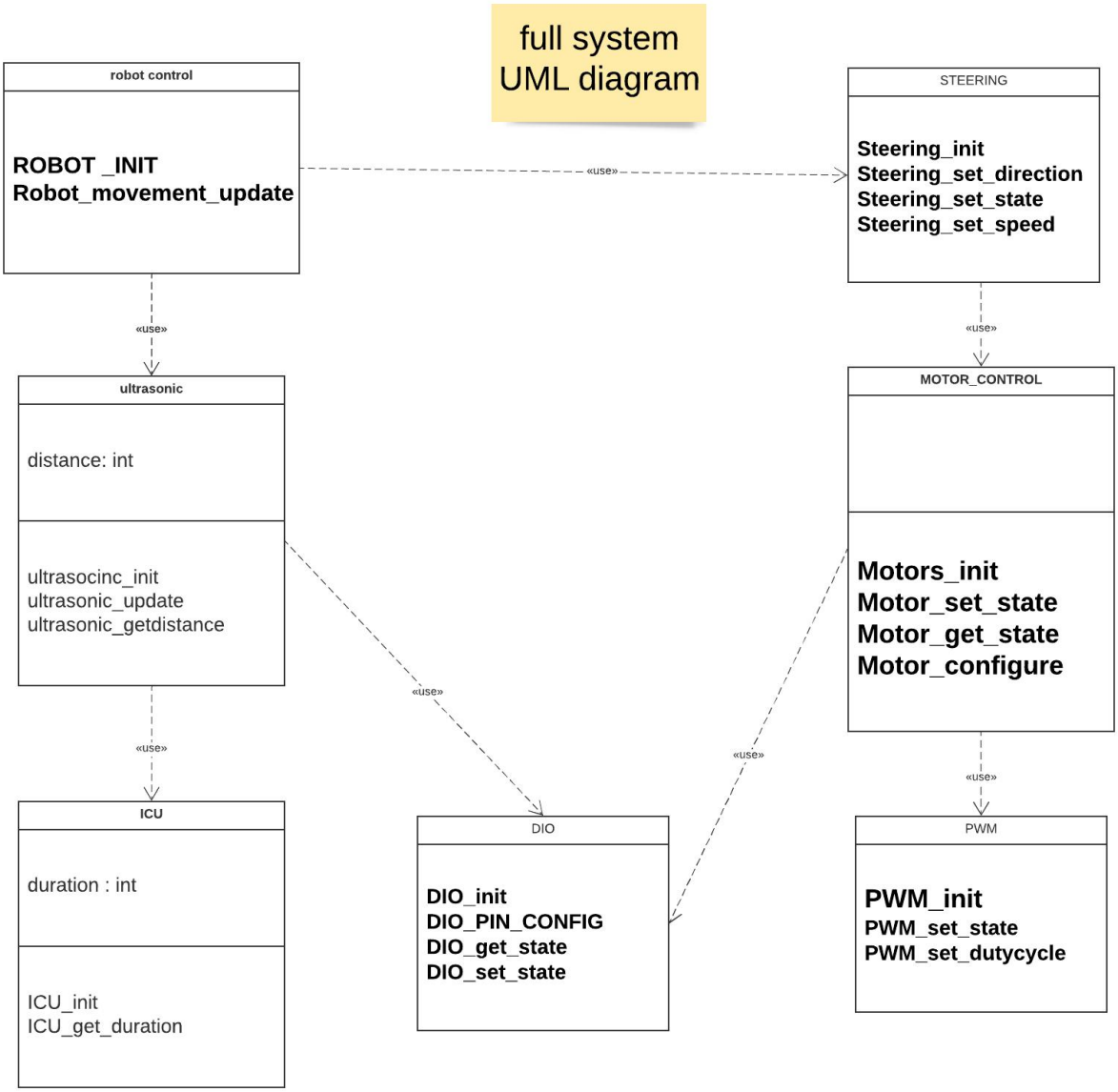
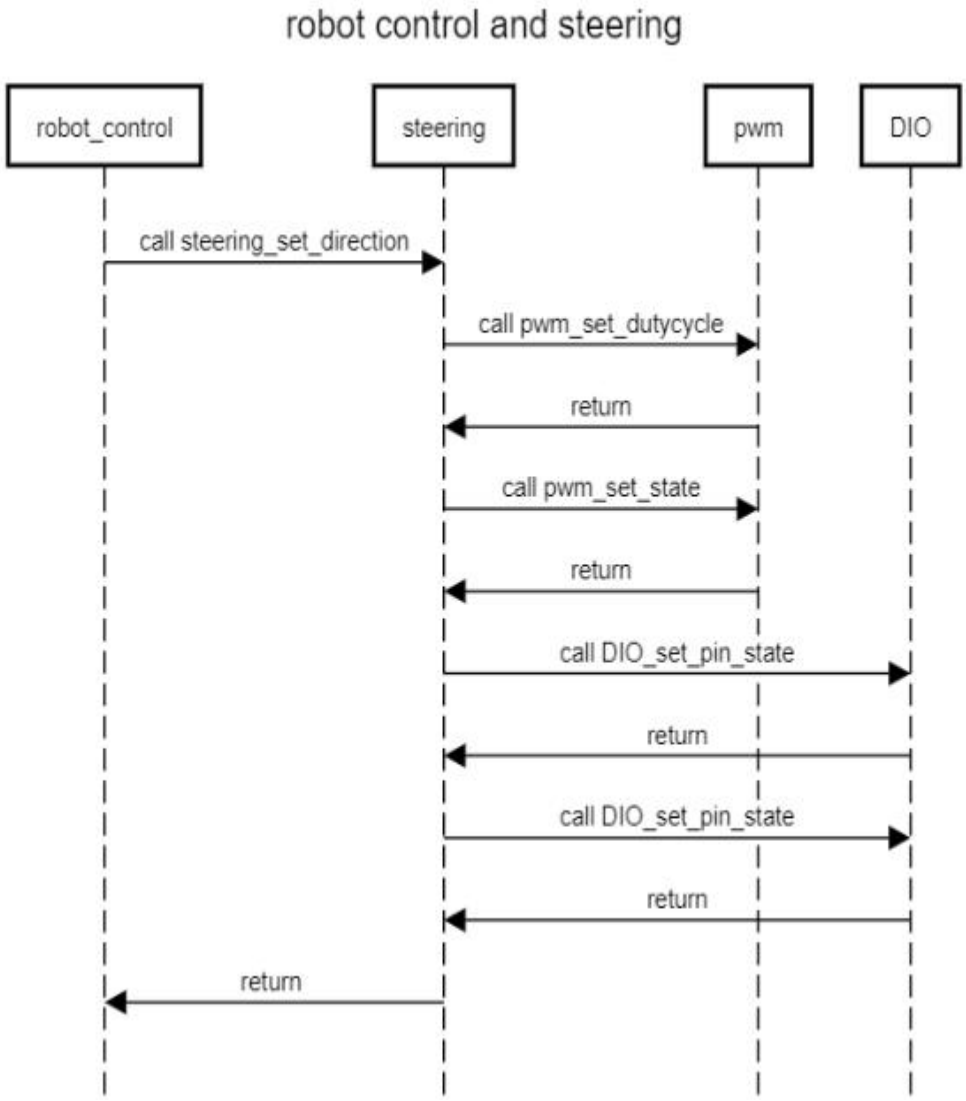
- layers and physical design

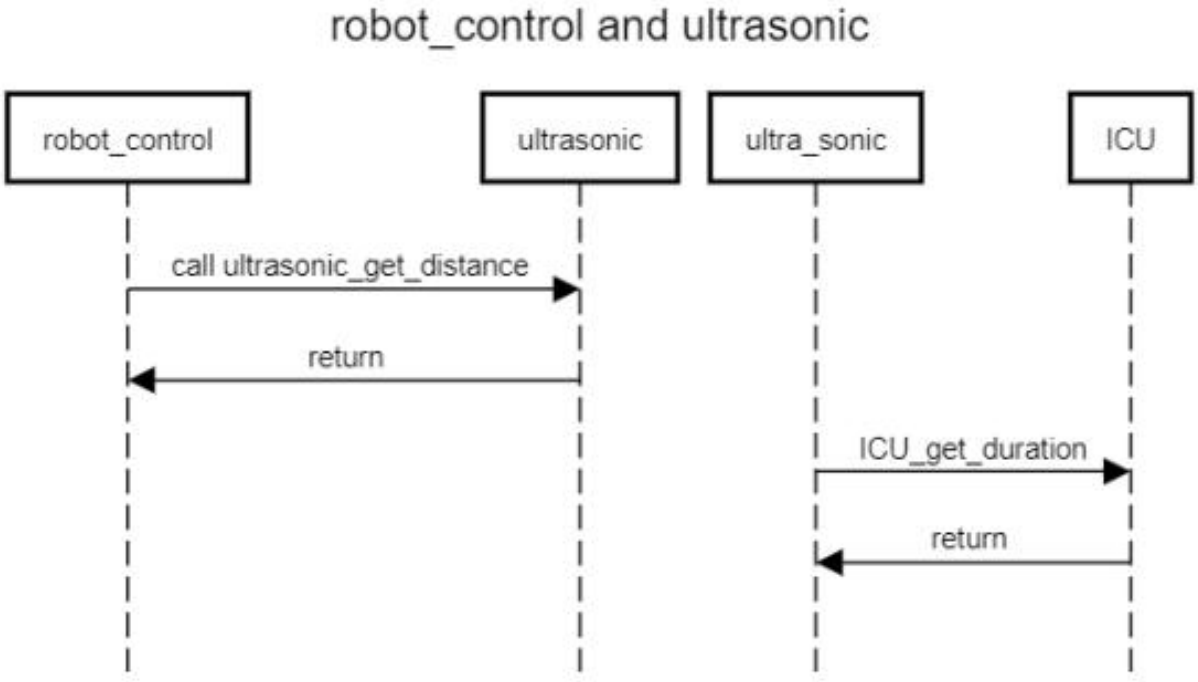


- UML DIAGRAM


full system
UML diagram
robot control
ROBOT _INIT
Robot_movement_update
«use»
STEERING
Steering_init
Steering_set_direction
Steering_set_state
Steering_set_speed
«use»
«use»
ultrasonic
distance: int
ultrasocinc_init
ultrasonic_update
ultrasonic_getdistance
«use»
MOTOR_CONTROL
Motors_init
Motor_set_state
Motor_get_state
Motor_configure
«use»
«use»
«use»
ICU
duration : int
ICU_init
ICU_get_duration
DIO
DIO_init
DIO_PIN_CONFIG
DIO_get_state
DIO_set_state
PWM
PWM_init
PWM_set_state
PWM_set_dutycycle

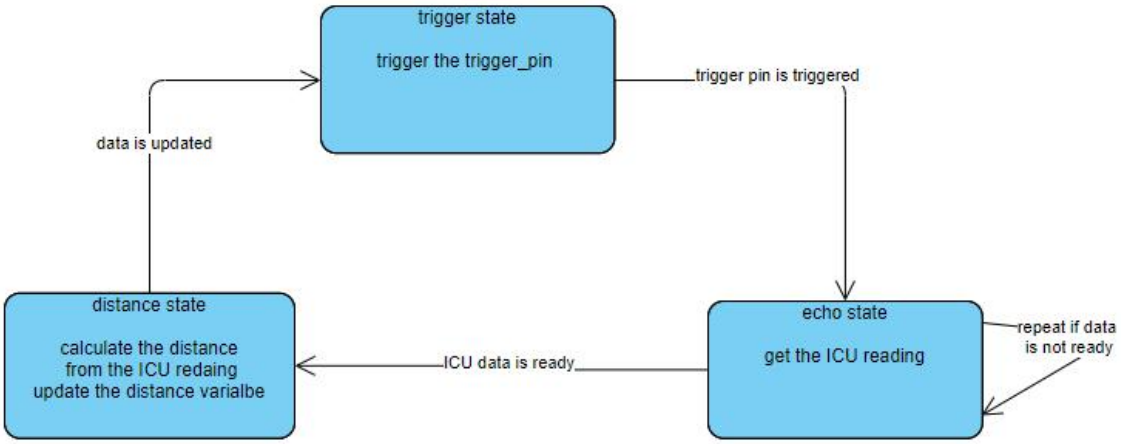
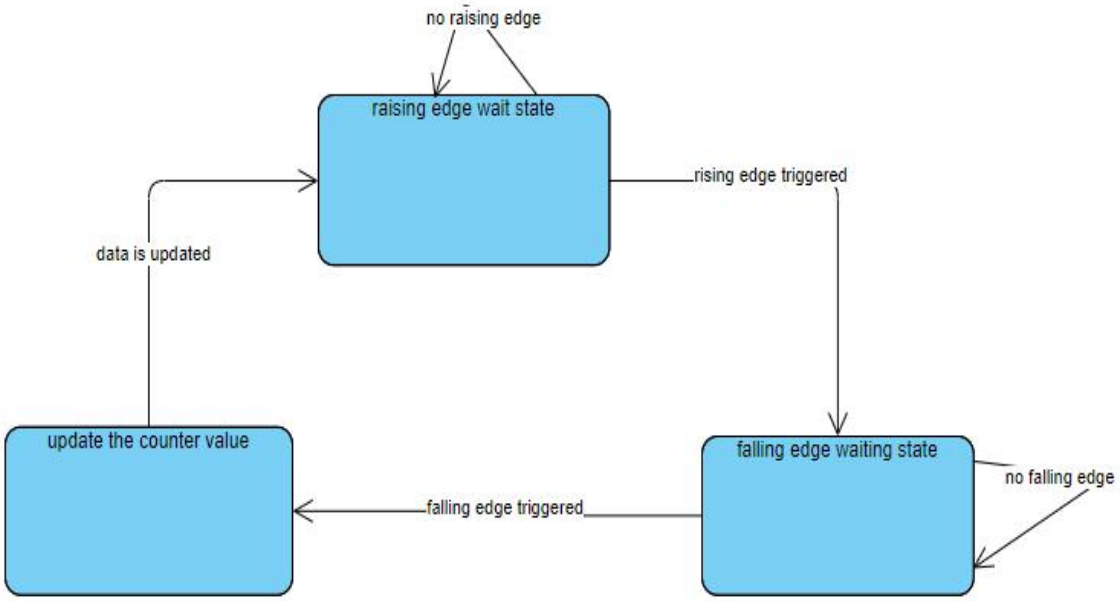
- SEQUENCE DIAGRAM





- state machine

ultrasonic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