

EgFWD

Advanced Embedded Systems

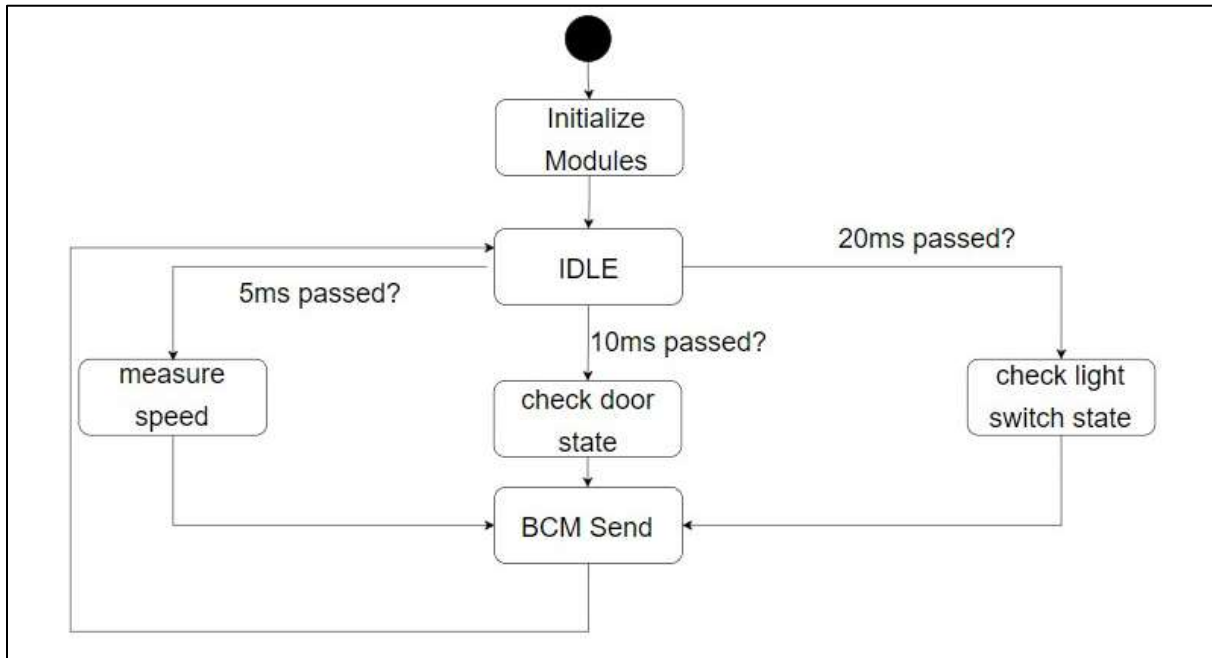
Project (3) | System Design

Automotive Door Control System Design Report

Dynamic Design

For ECU 1:

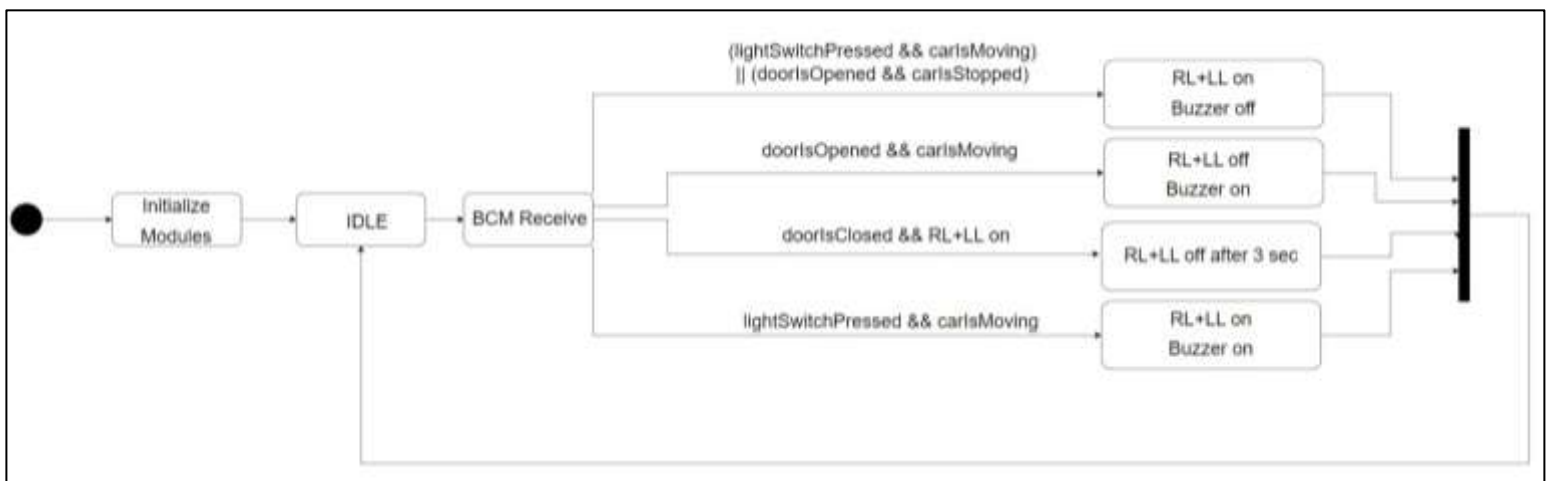
1. Draw a state machine diagram for each ECU component
2. Draw a state machine diagram for the ECU operation



3. Draw the sequence diagram for the ECU
4. Calculate CPU load for the ECU

For ECU 2:

1. Draw a state machine diagram for each ECU component
2. Draw a state machine diagram for the ECU operation



3. Draw the sequence diagram for the ECU
4. Calculate CPU load for the ECU