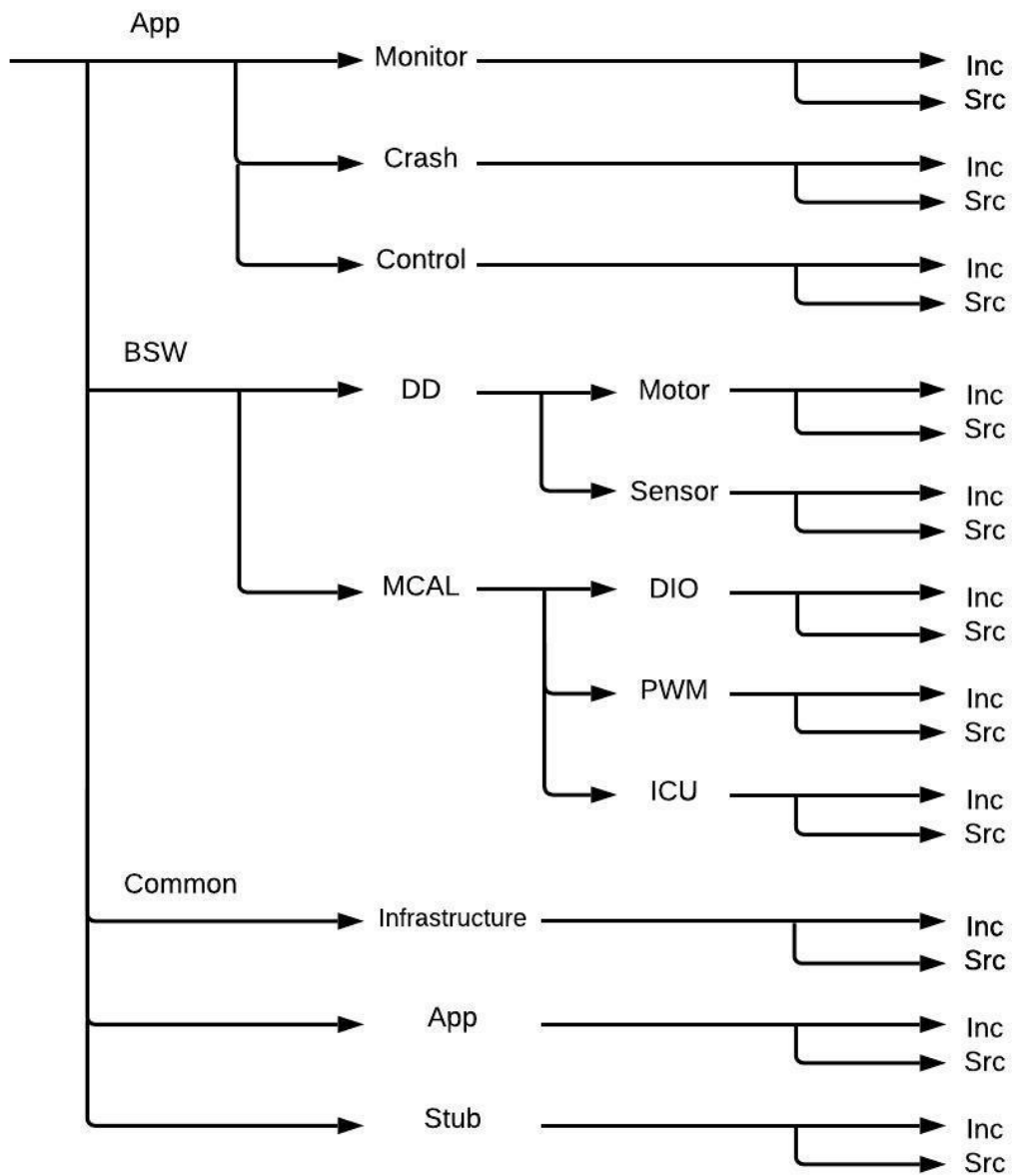


Avoid Crashing Task

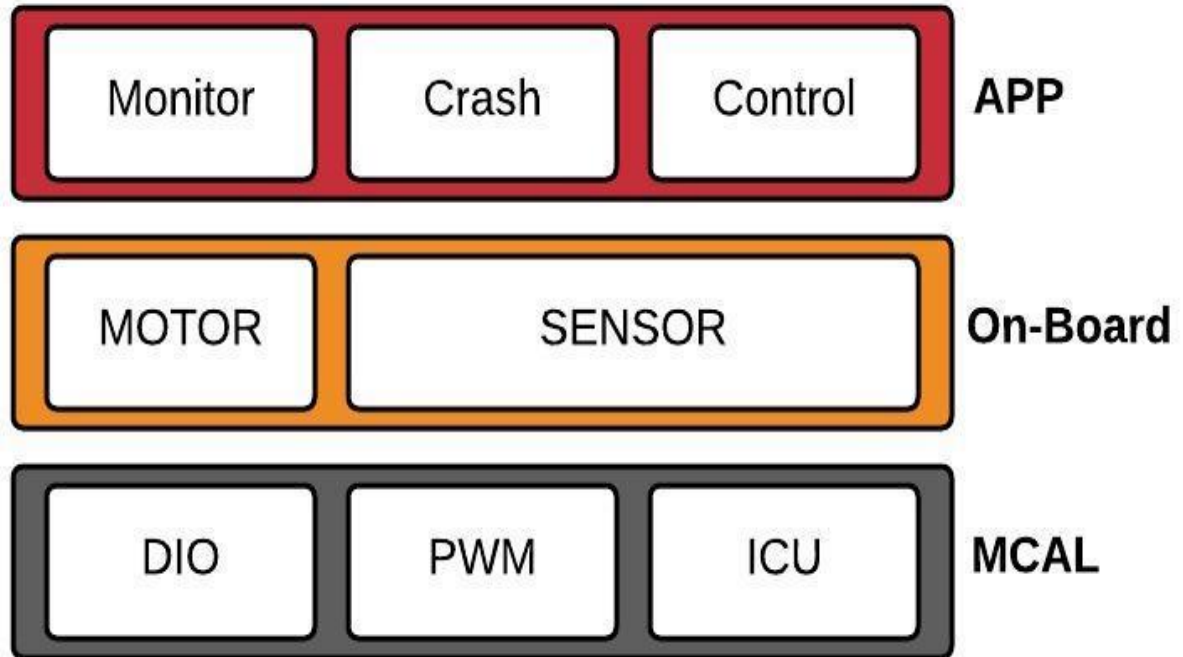
(Heba Ramadan Taha)

Folder Structure



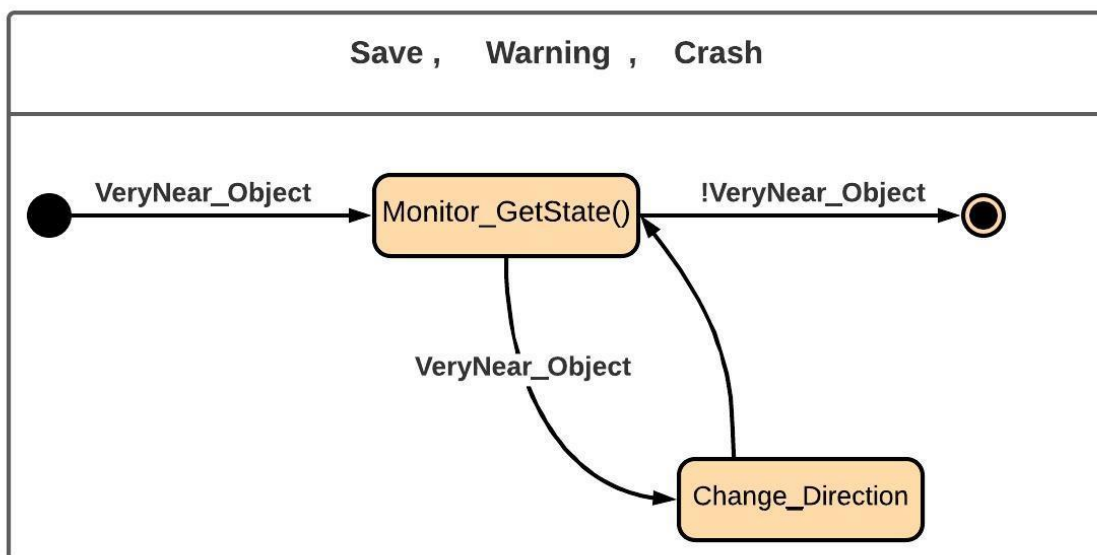
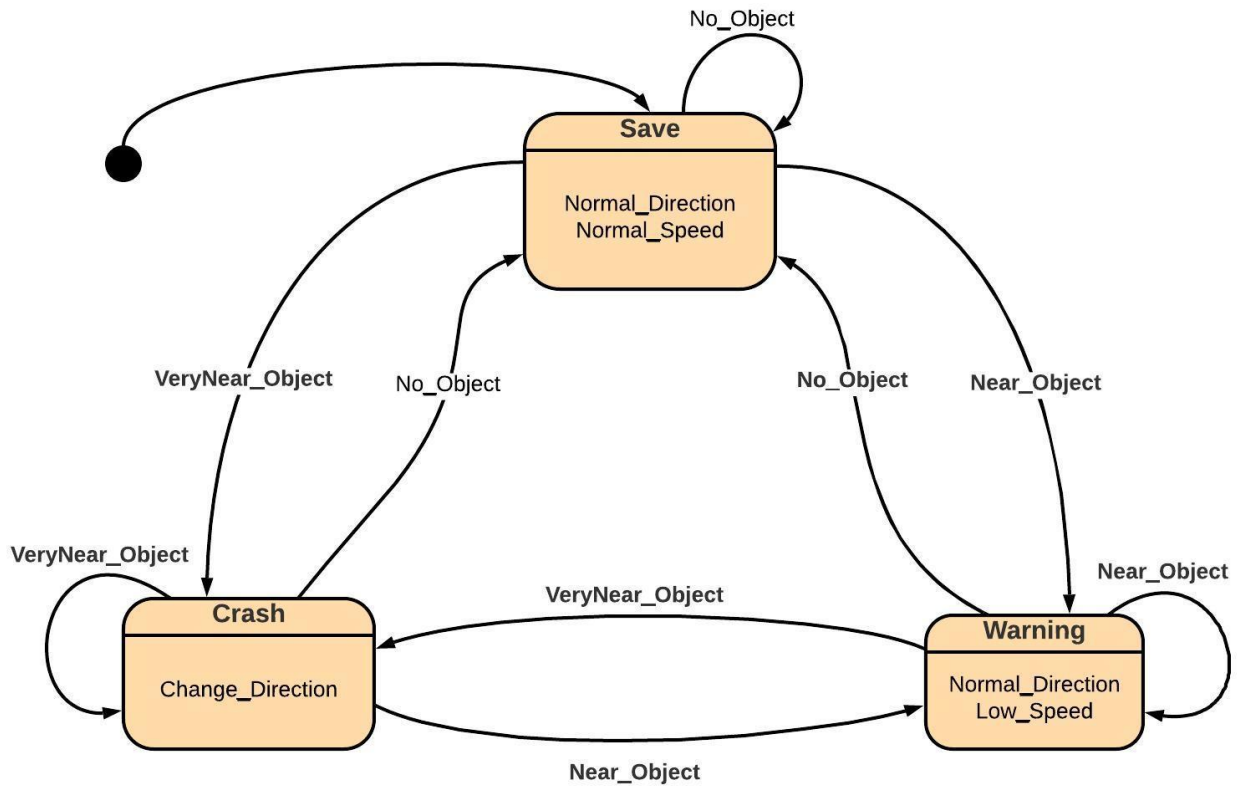
1- Static Design

Layered Architecture :

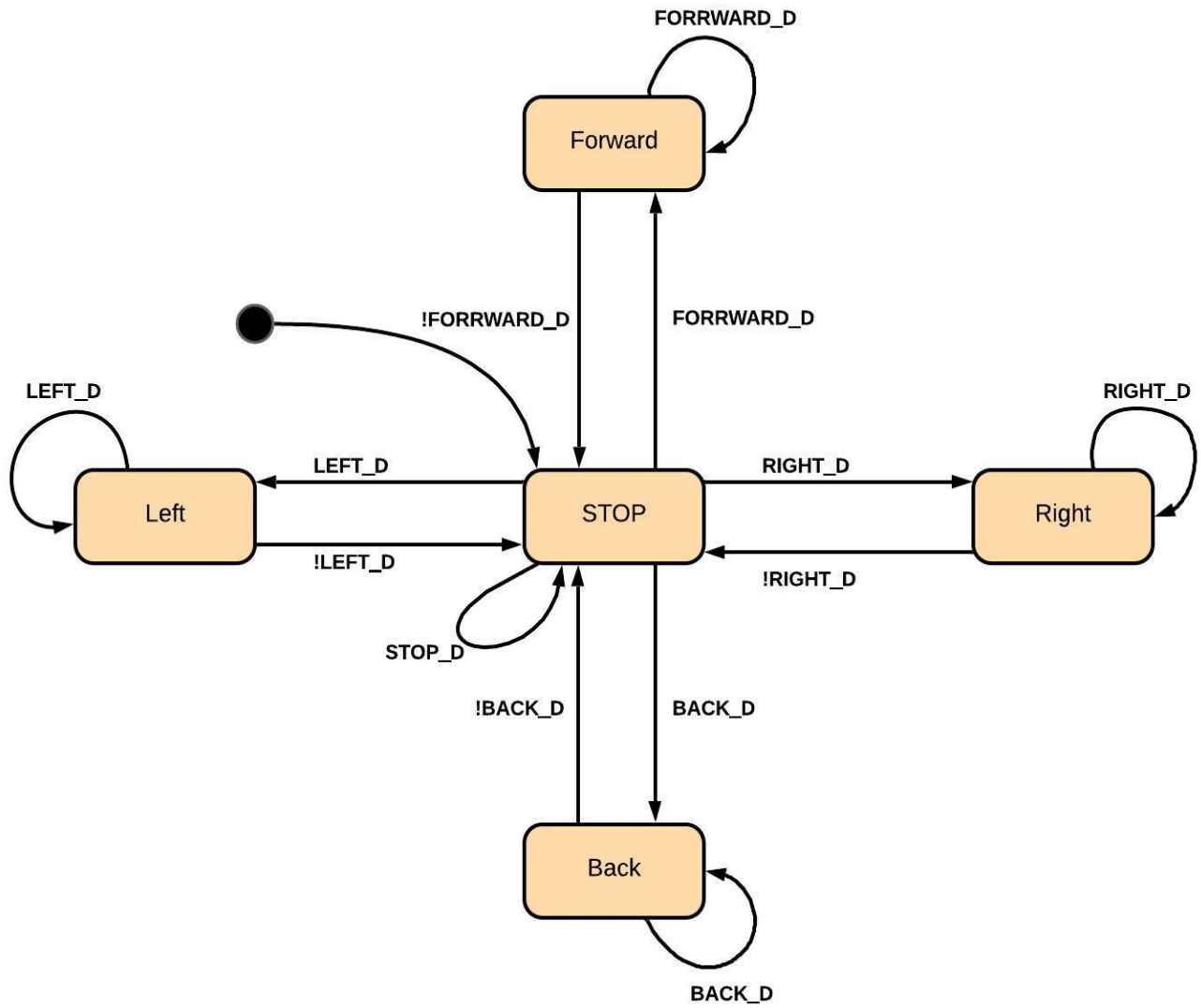


2- Dynamic Design

A- Crash module state machine :

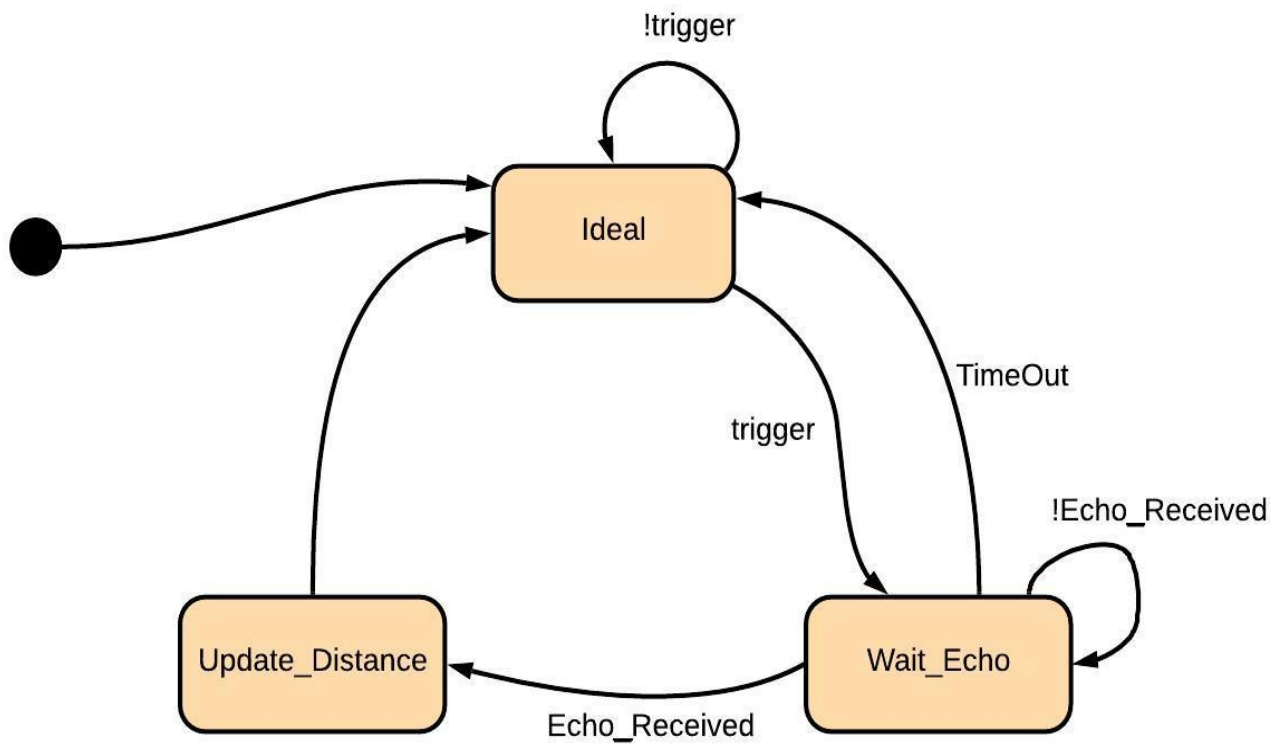


B- Control module state machine :

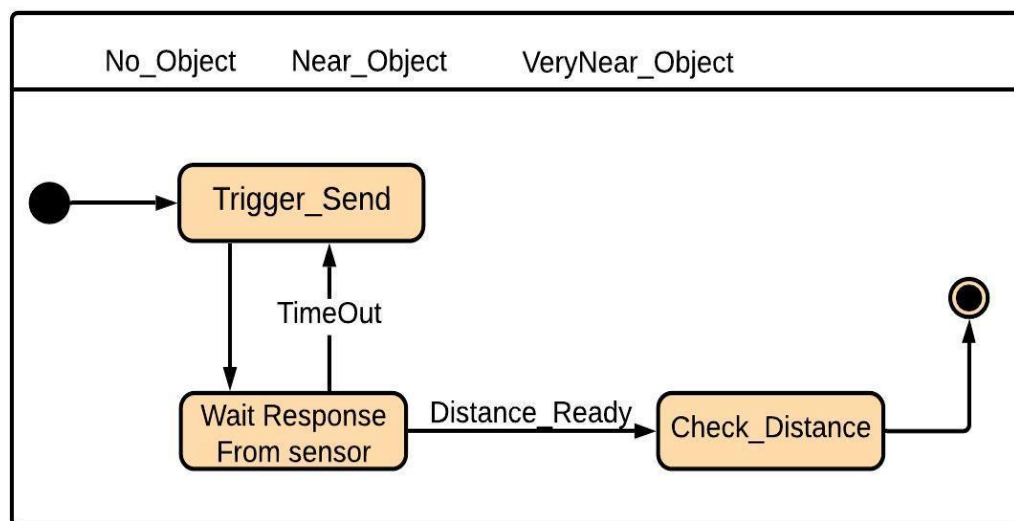
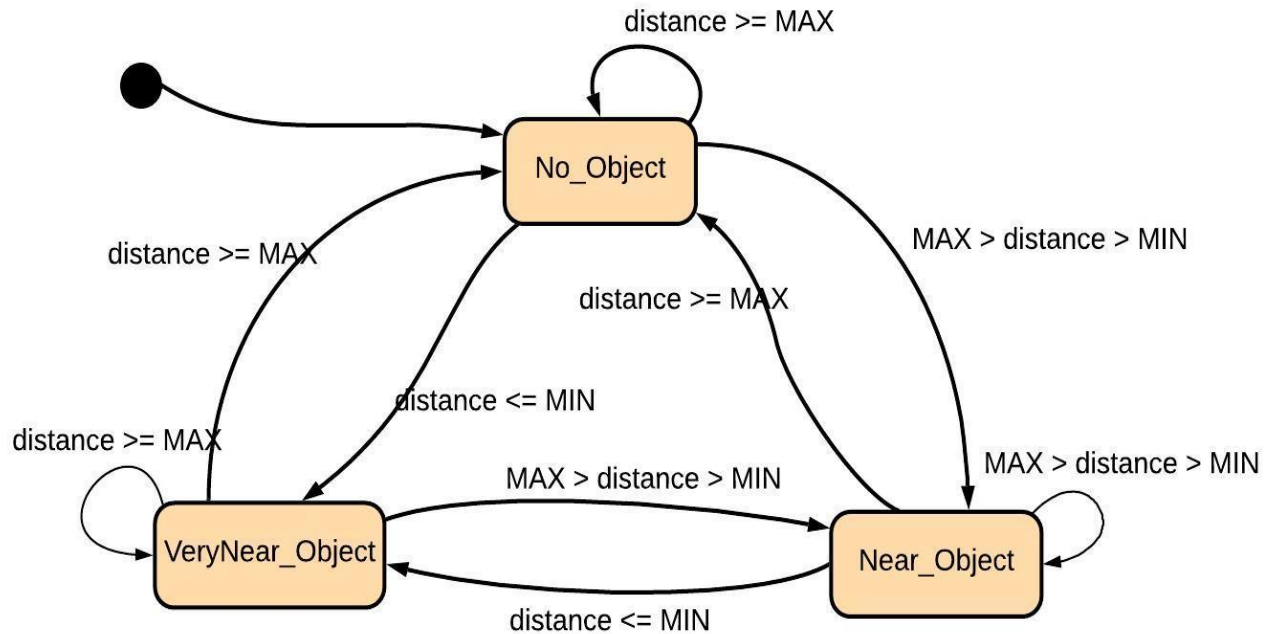


C- Monitor stack state machine :

1- Sensor module state machine:



2- Monitor module state machine:



D- Sequence Diagram

