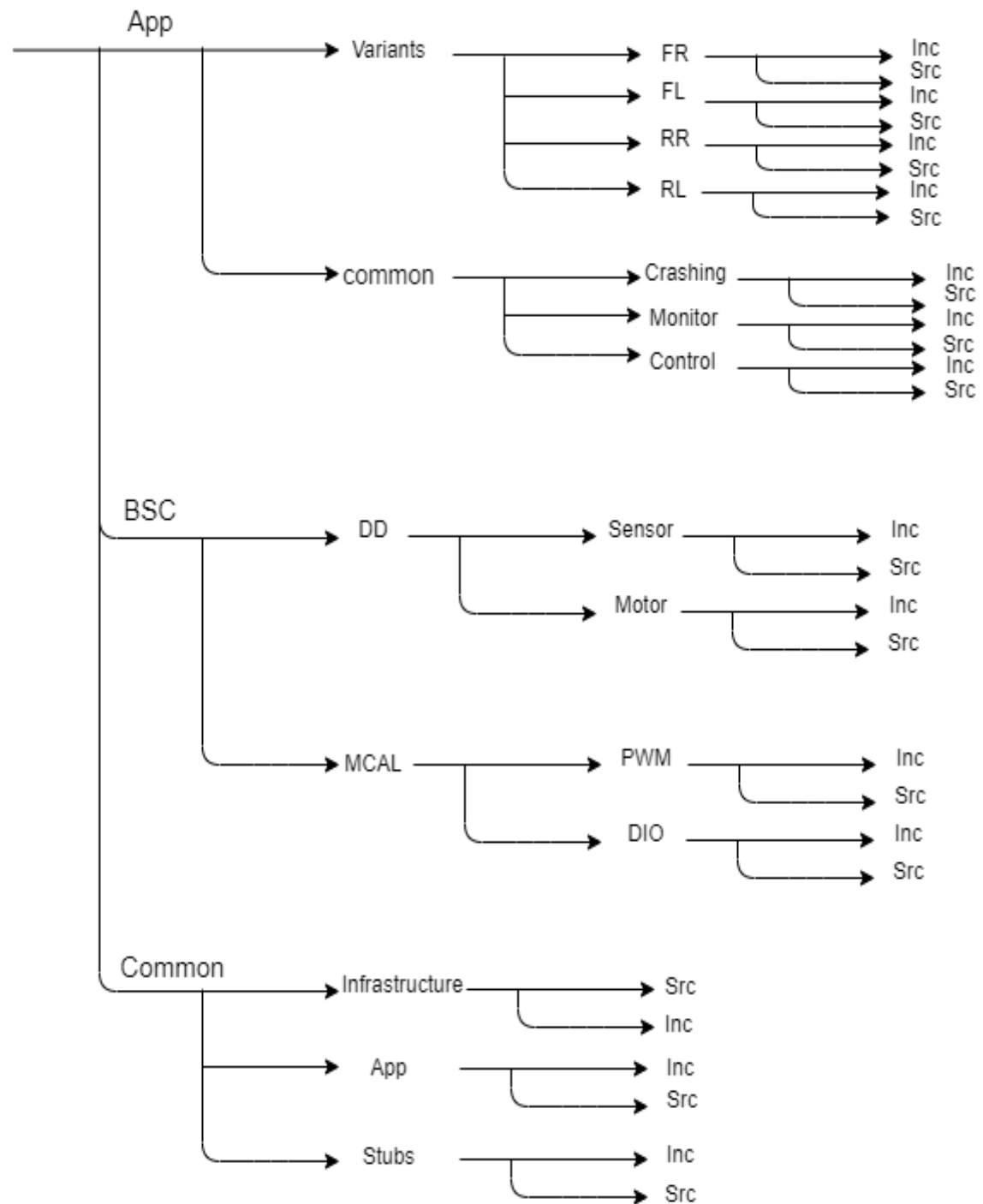


Crashing Avoidance robot with support of Motor **multi variants**. (Design)

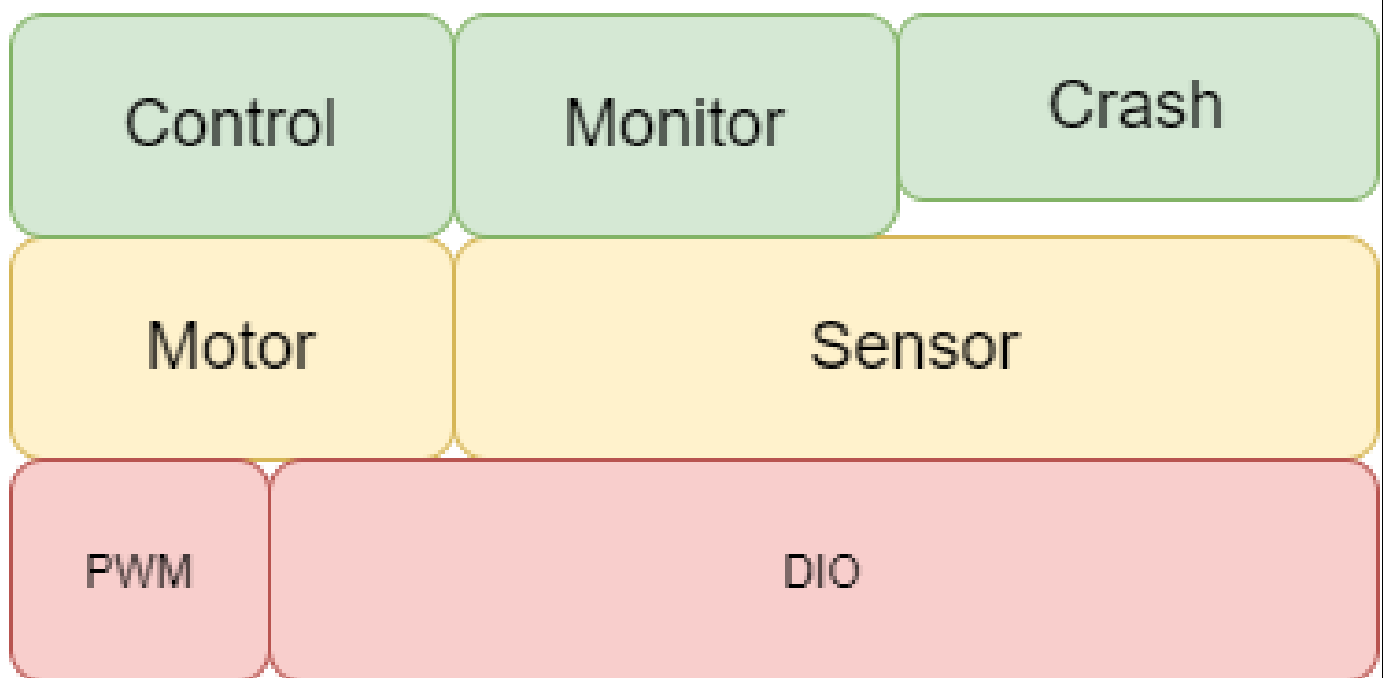
By/ [Ahmed Maged](#)

1 – Folder Structure



2 – Static Design

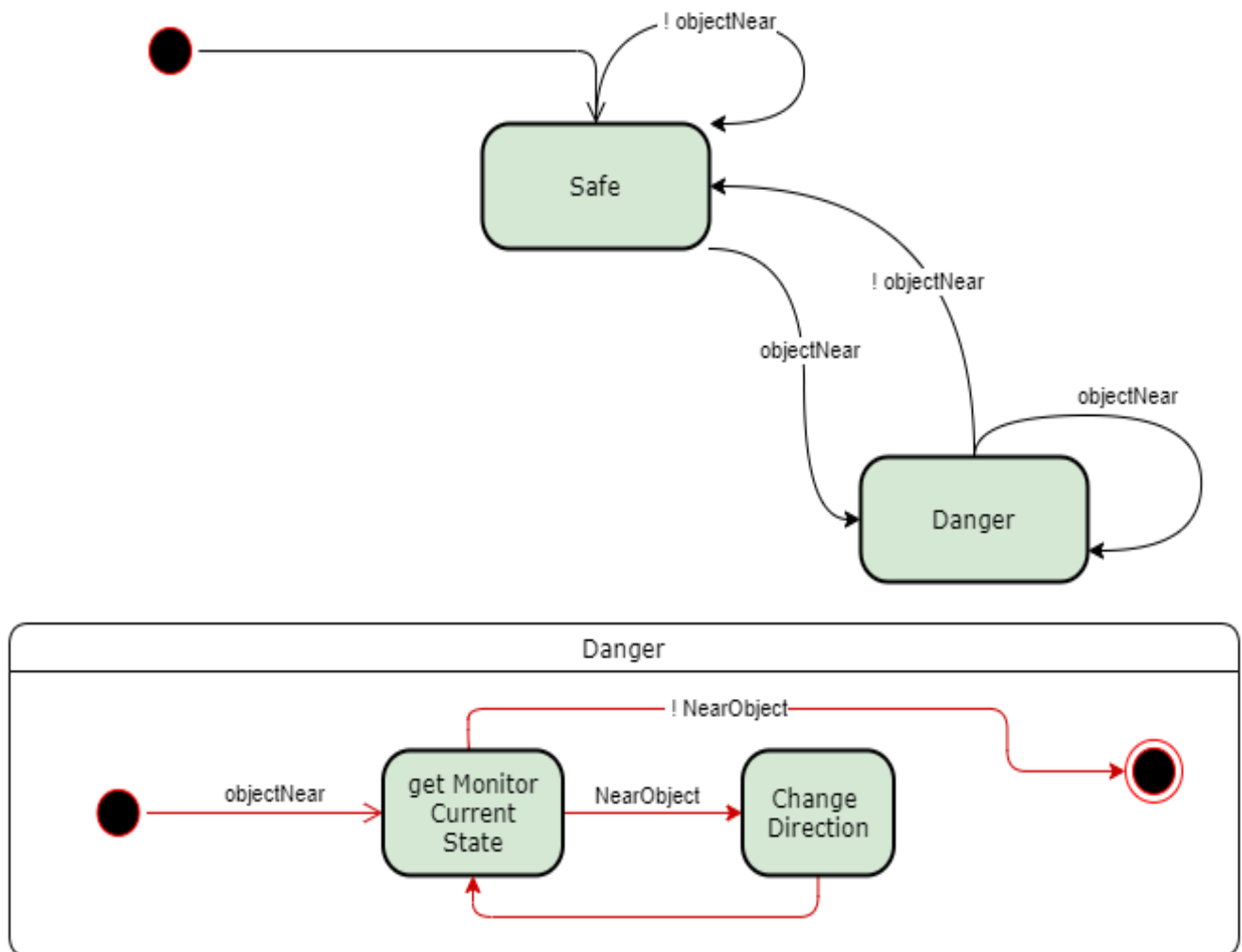
Layered Architecture.



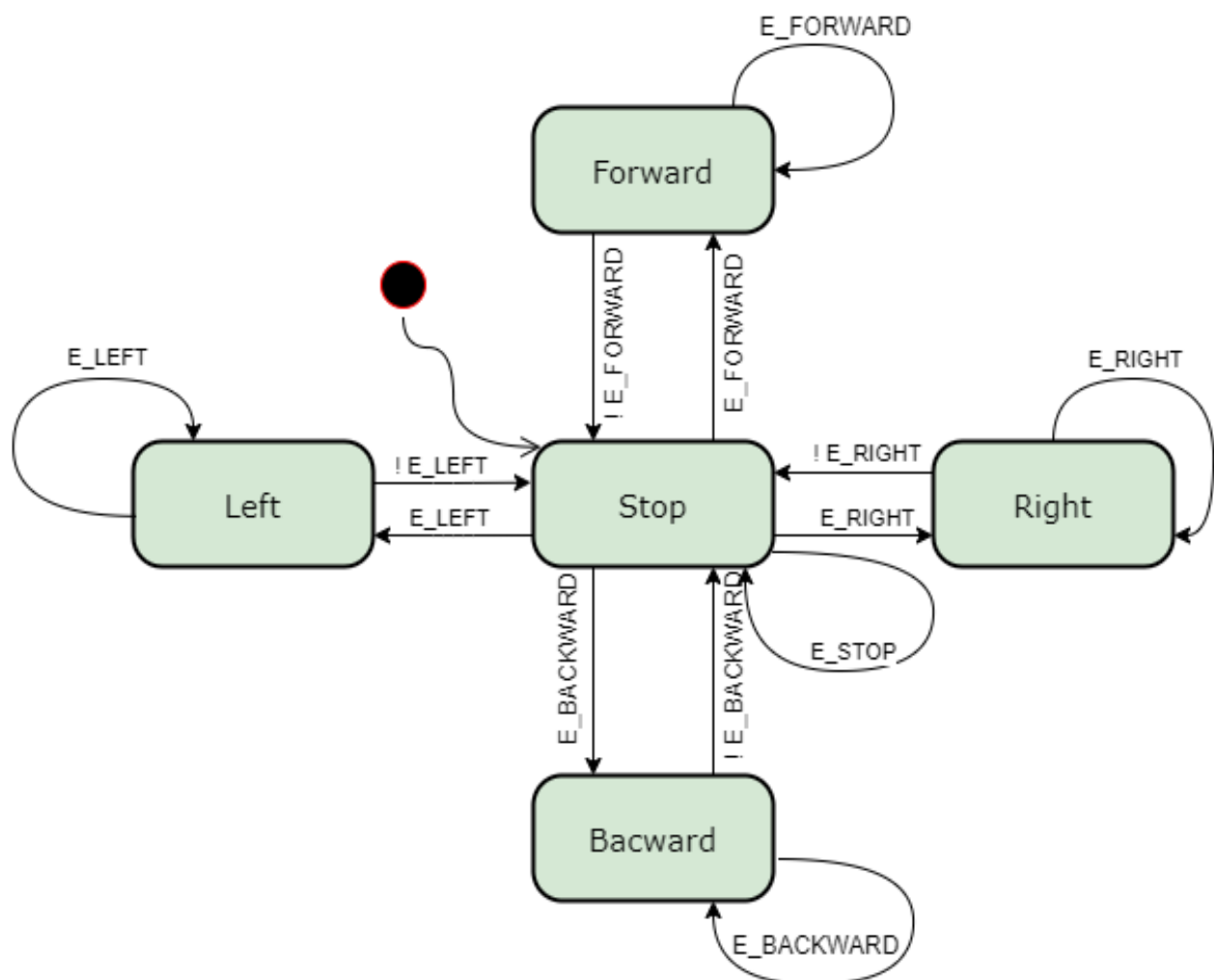
3 – Dynamic Design

A – Crashing module State machine

Crashing

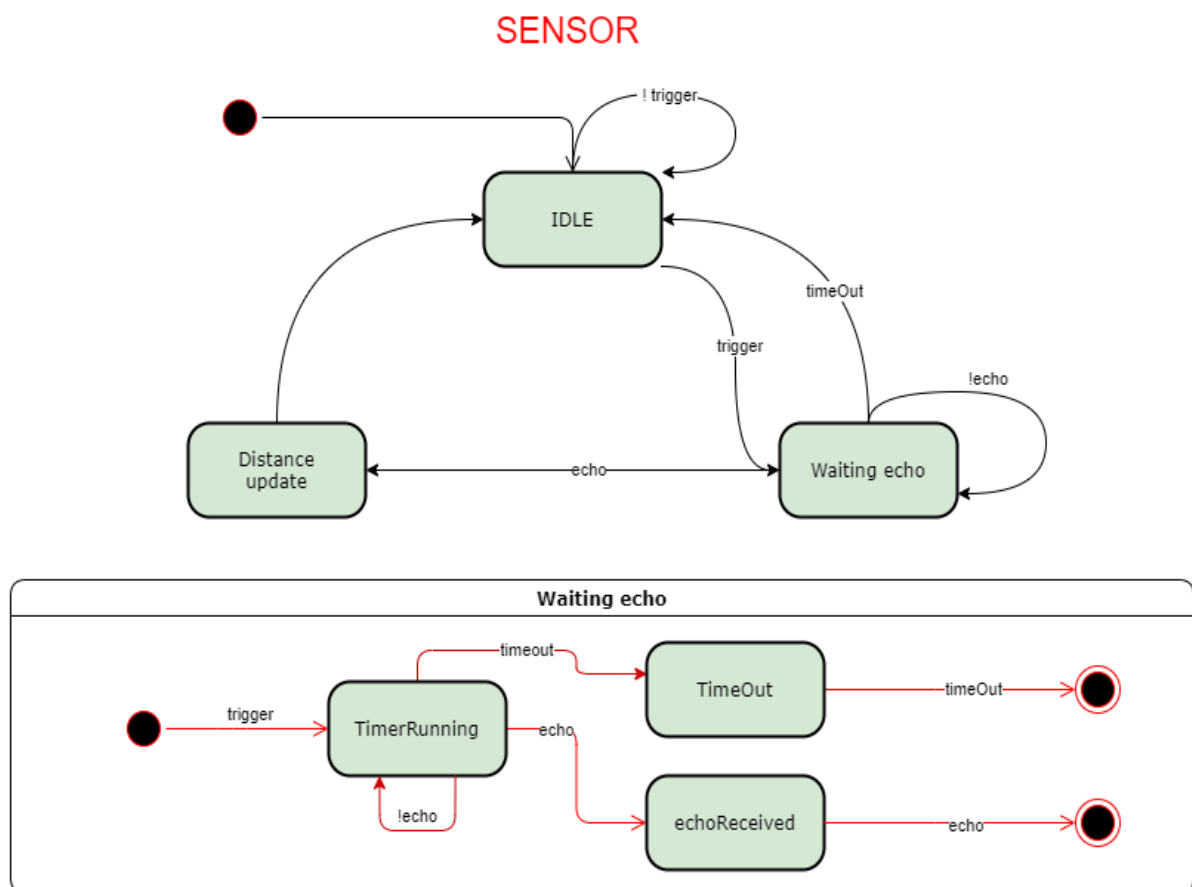


B - Control module State machine



C – Monitor Stack State machines

1: Sensor module:



2: Monitor state machine

Monitor

