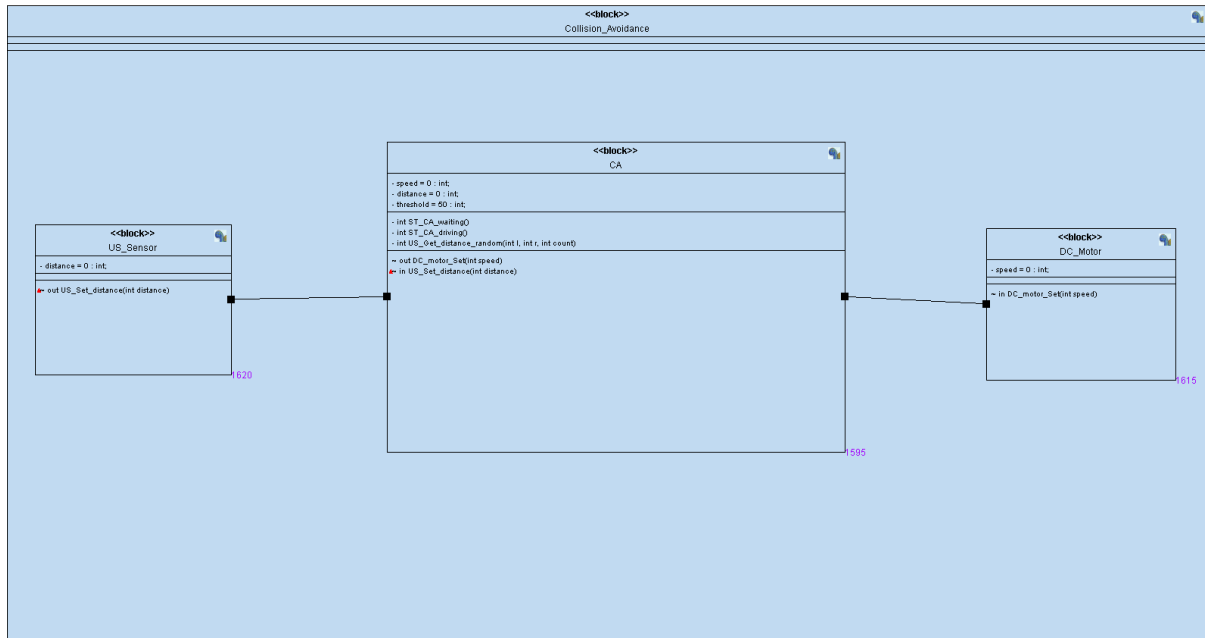


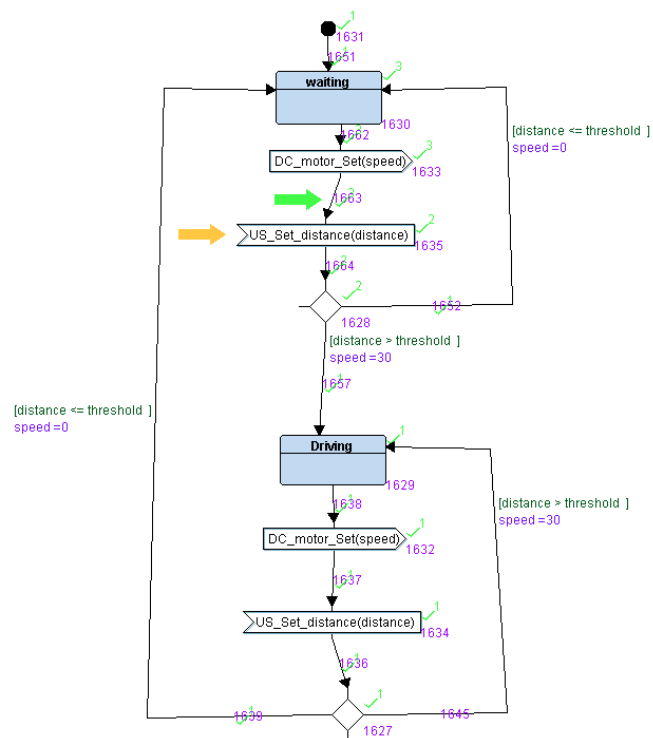
State machine

We have three modules; one for Collision Avoidance (CA), one for Ultrasonic (US) and one for DC motor (DC):

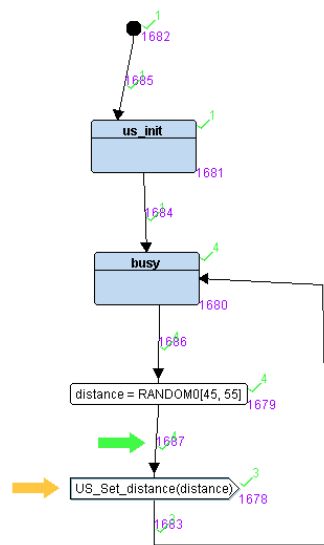


Inside each module there is a sequence diagram:

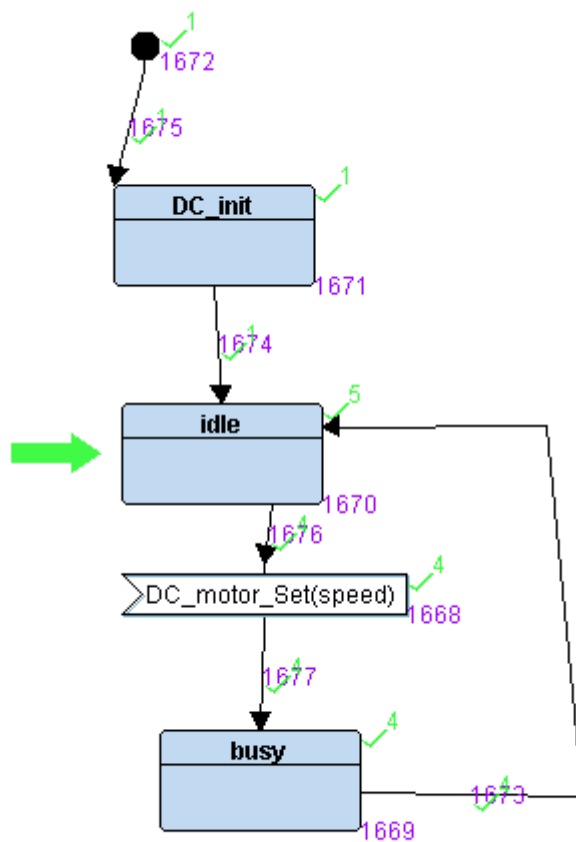
- Sequence diagram for CA:



- Sequence diagram for US:



- Sequence diagram for DC Motor:



Software Logical Verification:

