

Goal	Test	Delivery
Using computer vision and AI the car should be able to follow a green circle held in front of it	The car should be able to follow a green circle attached to a stick and keeping a distance of 30cm (+-5cm). When the circle turns red, the car should stop within 5 seconds.	2018-11-08
Extend the hardware to using a unique microprocessor for each sensor or actuator and still maintain functionality of following a cardboard within 30cm.	Using new hardware, the car should be able to follow a cardboard held in front of it within 30cm using its sonar. The car should also be able to make a full rotation to the left and the right using its steering mechanism.	2018-11-26
The car should be made fail-safe in the sense that low battery, faulty actuators or sensors and watchdogs should make the vehicle fail in a safe way by stopping the vehicle within five seconds.	The car should be able to stop fully within 5 seconds of injecting a fault into the system.	2018-11-27
The car should perform a series of formal handshakes between components at boot-up before initializing normal functionality.	The control system should receive operational data from all parts of the system before initializing any type of functionality. This should happen within 5 seconds of boot-up.	2018-11-27