**Task**

You have been tasked with creating a **showcase of your learning**. Your showcase will use the focus on a **Tool of Learning**, the the prototyping of a remote control car, to learn different aspects of cyber security. The default showcase will be an **A2 poster** of your learning and **one recorded presentation** for a general audience

# Tool of learning

The focus of this body of work will be the prototyping of a remote control car using Arduino microcontrollers and a range of sensors/actuators available in the lab. It is intended that this car is as working as possible.

# Tasks for learning and submission

* Planning document which is focused on the main problems that need to be solved
* The creation and delivery of a prototype which attempts to complete the main problems of a remote control car.

**Main problems to be addressed**: user-control | user-interface | steering | communication between controller and car | physical body | integration of these aspects

# Showcase Responses

Your poster and presentations must respond to three statements and present different levels of information to describe what it is you learnt and how that knowledge can be used in robotics and mechatronics.

The statements will be provided in the rubric below. You must address your responses to the three audiences:

1. Poster – summarise your learning for general audiences in a condensed writing environment
2. General audience presentation – simulates presenting your work and learning to a general audience and allows for some extrapolation

Your general audience presentation should be **no more than 5 minutes**.