# Background: Ivan

For the electronic control systems on the project, Adafruit’s catalogue of products could be a good source. They have n extensive library of microcontrollers and accessories for them, all of which include drivers and can be programmed in Arduino; a language which the team has some familiarity with. Keeping the electronics cheap and modular may be an important aspect to pay attention too. From studying battlebot competitions, it seems to be a common problem that electrical components catch fire or get destroyed, so being able to replace them between rounds may keep the robot in the competition.

Another option would be to take apart a second-hand remote-controlled vehicle and use its receiver and components. A remote-controlled plane might be a good option as they have more control surfaces and servos than a car.