# Abstract

Drones have a unique history which started with being used for military applications and only in recent history to be used for private and commercial uses. In the right hands drones can be a force for good and saves lives whereas in the wrong hands drones have the potential to cause insurmountable collateral damage. The aim of this project is to find a solution to counter drones which a commercial drone and software define radio(SDR) will be used. Drones are controlled between the frequencies of 2.5 to 5.8GHz, although the signal can be jammed at 1.5GHz. Through the use of GPS spoofing a drone’s location can be false which may can cause a drone to either not fly or receive a signal from the flyer.