A Use-Case Scenario of agricultural areas that cannot be monitored by a drone alone

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A single drone has been used in many aspects of precision farming, such as spraying or monitoring extensive farmland; however, it is very inefficient because it requires considerable time and energy. In contrast, when using multiple drone systems, it is possible to carry out cooperative works simultaneously (collaboration) or individual agricultural tasks on the assigned farmland (a division of labour).

The figure 1 below is a use-case diagram to show one of the applications of multiple drones in precision farming.

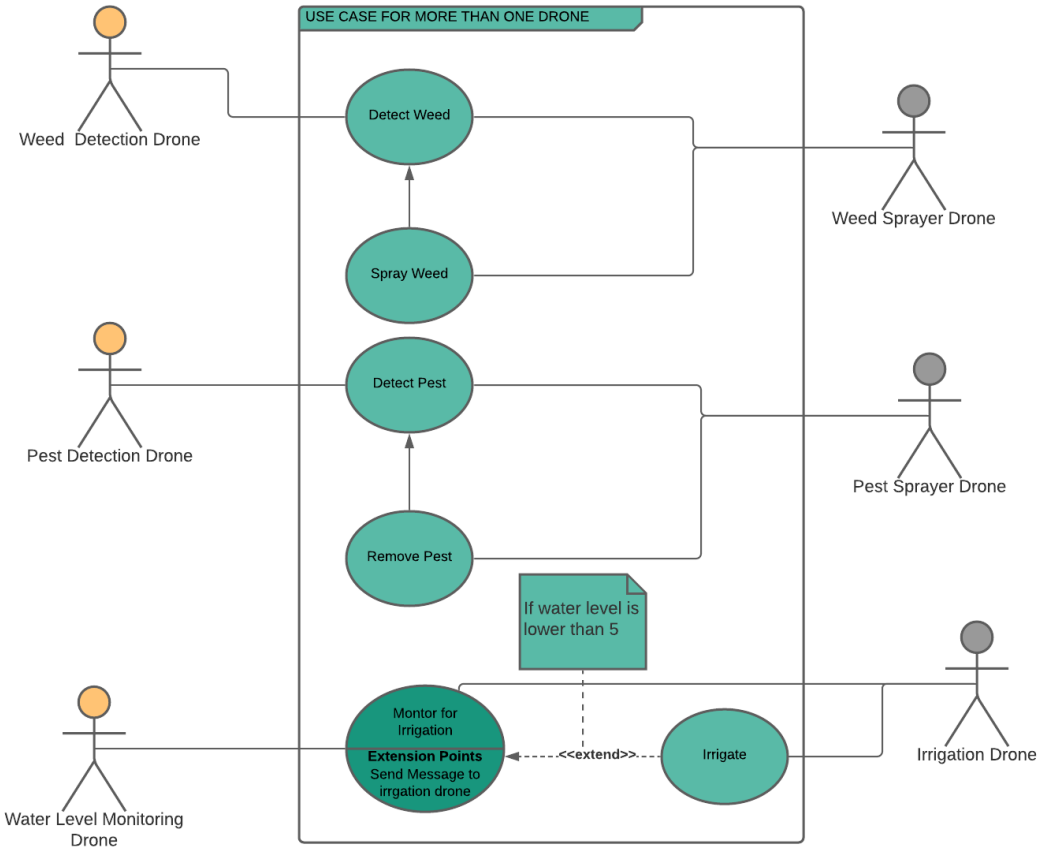

Figure 1: Use Case Diagram describing the use of multiple drones in precision farming