Table 1: Requirements Table

ID	Component	Requirements
R0	Weeder	R0.0: The weeder stays idle until notified by the coordinator of weed existence. R0.1: In a maximum of 3 seconds, the weeder must eliminate the weed. R0.2: The weeder must inform the coordinator when the elimination is done. R0.3: The weeder goes back to the idle state after informing the process of eliminating the weed.
R1	Protector	R1.0: The protector stays idle until notified by the coordinator. R1.1: In a maximum of 3 seconds, the protector must protect the plant and return to the idle state. R1.2: The protector must inform the coordinator when the protection is done. R1.3: The protector goes back to the idle state after informing the process of eliminating the weed.
R2	Observer	R2.0: In a maximum of 1 second, the observer must scan the scene. R2.1: In a maximum of 1 second, the observer must identify the problem.
	Observer/Weed	R2.2.0: The observer notifies the coordinator with a weed signal. R2.2.1: The observer must wait a maximum of 4 seconds for the coordinator's reply. R2.2.2: The observer goes back to the Scanner state immediately after the coordinator's reply signal.
	Observer/Protection	R2.3.0: The observer notifies the coordinator with a protection signal. R2.3.1: The observer must wait a maximum of 4 seconds for the coordinator's reply. R2.3.2: The observer goes back to the Scanner state immediately after the coordinator's reply signal.
R3	Coordinator	R3.0: The coordinator stays in the ready state until it receives a signal from the observer.
	Coordinator/Weed	R3.1.0: The coordinator moves to Weeder-Communication state. R3.1.1: The coordinator sends a weed signal to the weeder. R3.1.2: The coordinator waits until the weeder sends a signal to the coordinator. R3.1.3: The coordinator sends a signal to the observer. R3.1.4: The coordinator goes back to the ready state.
	Coordinator/Protection	R3.2.0: The coordinator moves to Protector-Communication state. R3.2.1: The coordinator sends a protection signal to the protector. R3.2.2: The coordinator waits until the protector sends a signal to the coordinator. R3.2.3: The coordinator sends a signal to the observer. R3.2.4: The coordinator goes back to the ready state.