

	#Week	07.05.2022	21.05.2022	04.06.2022	18.06.2022
	Task	Task 1	Task 2	Task 3	Task 4
		Project: Implement the Smart Plant Monitoring system.	Project: Implement the Smart Plant Monitoring system.	Project: Implement the Smart Plant Monitoring system.	Project: Implement the Smart Plant Monitoring system.
Asm Nurussafa	To-do	Research about the project topic, hardware, sensors and actuator selection.	<ul style="list-style-type: none"> - Research on connecting sensors to ESP32 and Arduino. - Research on connecting ESP32 and Arduino to Raspberry Pi over MQTT. - Overall project planning. 	<ul style="list-style-type: none"> - Implementing automated motor control over moisture sensor reading with python. 	<ul style="list-style-type: none"> - Refine and finalise the automated motor control over moisture sensor reading with python. - Work on realising the whole project. - Work on documentation of the project and presentation together. - UML Class Diagram, Sequence and Use-Case diagram.
	Status	Done	Done	Done	Done
Tasawar Siddiquy	Short summary	Research about the project topic, hardware and sensors and actuator selection.	<ul style="list-style-type: none"> - Research on connecting sensors to ESP32 and Arduino. - Research on connecting ESP32 and Arduino to Raspberry Pi over MQTT. - Overall project planning. 	<ul style="list-style-type: none"> -Connecting Moisture Sensor, coding and creating MQTT topic to publish the values 	<ul style="list-style-type: none"> - Work on documentation of the project and presentation together. - Work on realising the whole project.
	To-do	Done	Done	Done	Done
Arfat Kamal	Short summary	Research about the project topic, hardware and sensors and actuator selection.	<ul style="list-style-type: none"> - Research on connecting sensors to ESP32 and Arduino. - Research on connecting ESP32 and Arduino to Raspberry Pi over MQTT. - Overall project planning. 	<ul style="list-style-type: none"> -Connecting Temperature & Humidity Sensor, coding and creating MQTT topic to publish the values 	<ul style="list-style-type: none"> - Work on documentation of the project and presentation together. - Work on realising the whole project.
	To do	Done	Done	Done	Done
Nirojan Navaratnarajah	Short summary	Research about the project topic, hardware and sensors and actuator selection.	<ul style="list-style-type: none"> - Research on connecting sensors to ESP32 and Arduino. - Research on connecting ESP32 and Arduino to Raspberry Pi over MQTT. - Overall project planning. 	<ul style="list-style-type: none"> -Selecting the righth motor (stepper motor),coding in arduino IDE and creating a topic to subscribe to and activate it. -LEDs and buzzer coding in arduino IDE 	<ul style="list-style-type: none"> - Creation of Block diagram for Paper and Presenation. - Work on realising the whole project - Creating the User interface in the MQTT IOT panel app together
	To-do	Done	Done	Done	Done