

Team Contribution

Team Member	Registration No.	Responsibilities and Contributions
Sharier Alam Shimul	22201227	<ul style="list-style-type: none">● Led the hardware design and integration of the system.● Developed and assembled the solar tracking circuit with servo motor and LDR sensors.● Conducted hardware testing and calibration for stable performance.● Ensured project deliverables met course guidelines and submission requirements.
Salman Nur Ramim	22201239	<ul style="list-style-type: none">● Handled research, documentation, and coordination of the project● Implemented sensor interfacing (soil moisture, DHT11, MQ-2, ultrasonic, rain sensor).● Developed the control logic and automation code for irrigation and solar tracking.● Established real-time monitoring via Blynk/ThingSpeak IoT platforms.
M. Sakib Rahman	22201240	<ul style="list-style-type: none">● .Responsible for software development and IoT integration using ESP32.● Prepared proposal, final report, and presentation slides following IEEE standards.● Led in testing, result analysis, and final prototype assembly.● Integrated power management components (solar panel, battery, charge controller, buck converter).