Hackathon Hardware Rules

General Guidelines

- All participants must adhere to the rules and guidelines provided to ensure a safe and fair environment.
- Any violation of these rules may result in disqualification from the hackathon.

Allowed Hardware

- Laptops, desktops, and tablets.
- A maximum of 2 microcontrollers (Arduino, ESP32, etc.)
- Raspberry Pi Pico (no other single-board computers allowed)
- Sensors and actuators (temperature sensors, light sensors, motors, etc.)
- Breadboards and circuit components (resistors, capacitors, etc.)
- Power banks and standard battery packs that are safely used (No custom Li-Ion batteries).

Prohibited Hardware

- Hazardous materials or chemicals.
- Devices that emit strong electromagnetic interference.
- Explosives or any form of weaponry.
- Any fuzzers, cloners, or spamming hardware.
- Any tool that emits radio frequencies outside UAE's legal range.
- Custom PCB's or Hardware without online documentation.

Safety Guidelines

- All electrical connections must be properly insulated.
- Avoid exposed wiring that can cause short circuits.
- Do not overload power supplies; follow the manufacturer's voltage and current limits.
- Ensure proper ventilation for devices that generate heat.
- Use protective gear (gloves and goggles) when necessary.
- All projects must undergo a safety check before being powered on.

Electrical Specifications

- Maximum allowable voltage: 9V DC.
- Maximum allowable current: 6A.
- Maximum heat generated: 45°C.

- Ensure all power sources are fused appropriately and safely.

Additional Rules

- Each team is responsible for cleaning up their workspace.
- Report any safety concerns or rule violations to hackathon staff immediately.
- All hardware must be removed from the venue at the end of the hackathon.
- The founder may change rules and guidelines at any time..
- All projects must undergo a safety check before being powered on by you as a team - you will be legally responsible for any hardware "hacks" made.

By participating in the hackathon, you agree to abide by these rules and guidelines. Failure to comply may result in disqualification and removal from the event.