Technical stack combinations for the development

1. LoRaWAN + MQTT + AWS IoT + Cloud Storage:
    - LoRaWAN for long-range, low-power wireless communication.
    - MQTT as the messaging protocol for lightweight communication.
    - AWS IoT for device management, data processing, and analytics.
    - Cloud storage for storing and retrieving IoT data.
2. Bluetooth Low Energy (BLE) + MQTT + Azure IoT + Edge Computing:
    - BLE for short-range communication with low power consumption.
    - MQTT for efficient and reliable messaging.
    - Azure IoT for device management, data processing, and edge computing capabilities.
    - Edge computing to perform real-time analytics and decision-making at the network edge.
3. Thread + CoAP + Google Cloud IoT + Cloud Functions:
    - Thread as a low-power, mesh networking protocol for IoT devices.
    - CoAP (Constrained Application Protocol) for resource-constrained devices and efficient communication.
    - Google Cloud IoT for device registration, management, and integration with Google Cloud services.
    - Cloud Functions to trigger serverless functions and perform actions based on IoT data.
4. NB-IoT + MQTT + IBM Watson IoT Platform + Blockchain (not low cost):
    - NB-IoT (Narrowband IoT) for wide-area coverage and low-power communication.
    - MQTT for lightweight messaging between devices and the cloud.
    - IBM Watson IoT Platform for device management, data visualization, and analytics.
    - Blockchain for secure and transparent transaction recording and smart contract execution.