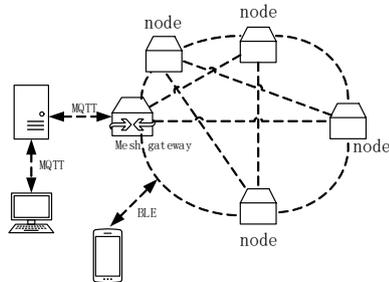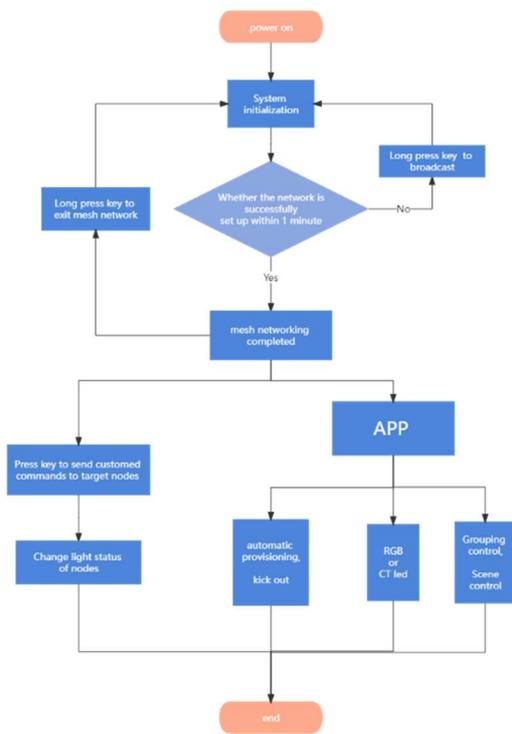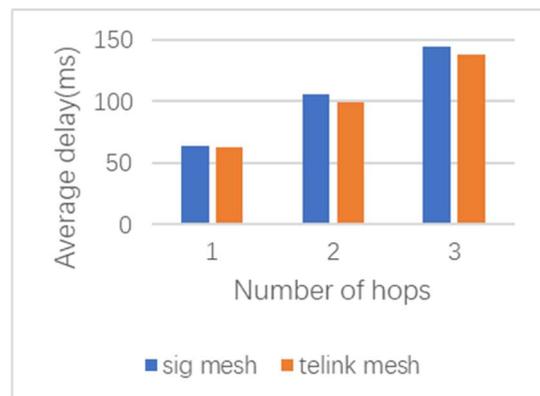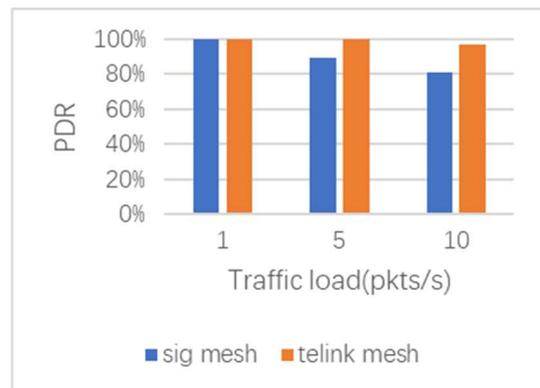# Research on networking technology based on BLE mesh

communicate with each other through sig mesh networking, the gateway consists of TLSR8258 SoC and ESP32 module, ESP32 connects to WiFi and uploads the status information of nodes to the MQTT server, users can use the MQTT client or mobile app, to achieve real-time viewing and remote control of light state of nodes.

A smart home light control system is proposed, devices in this system

Conclusion: After actual testing, the packet delivery ratio of telink mesh is 16% higher than sig mesh, and the average end-to-end delay of telink mesh is 6ms less than sig mesh.