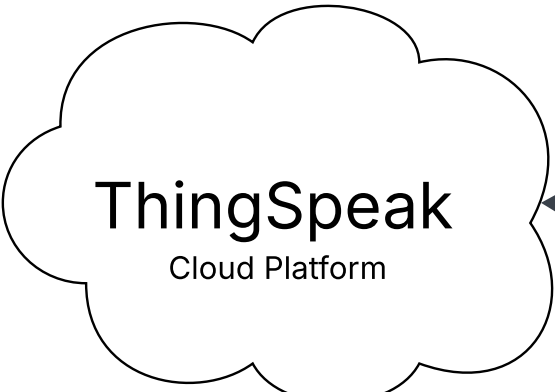
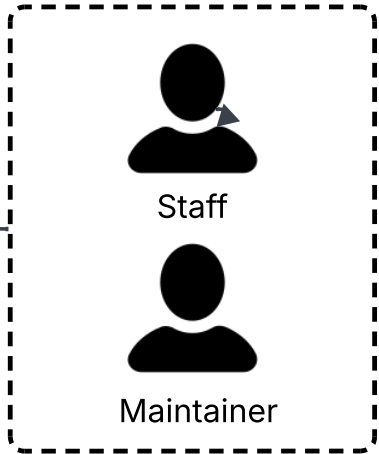


CLOUD TIER



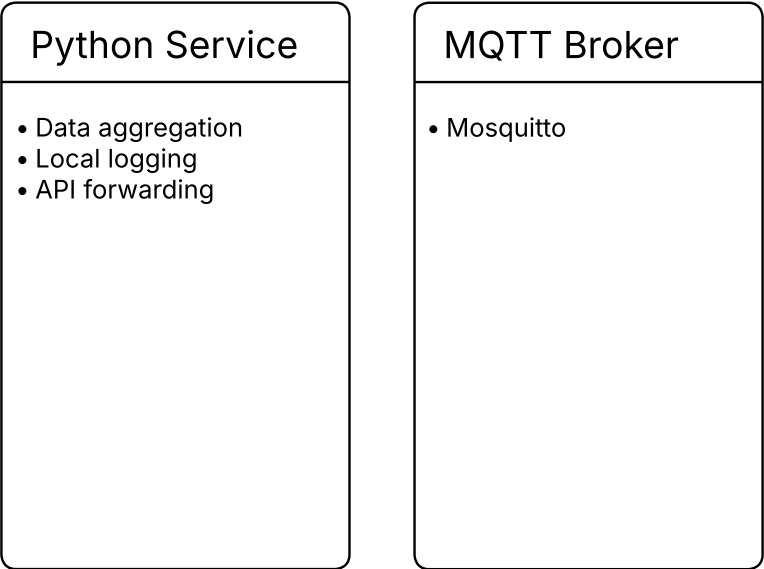
Users



HTTPS POST

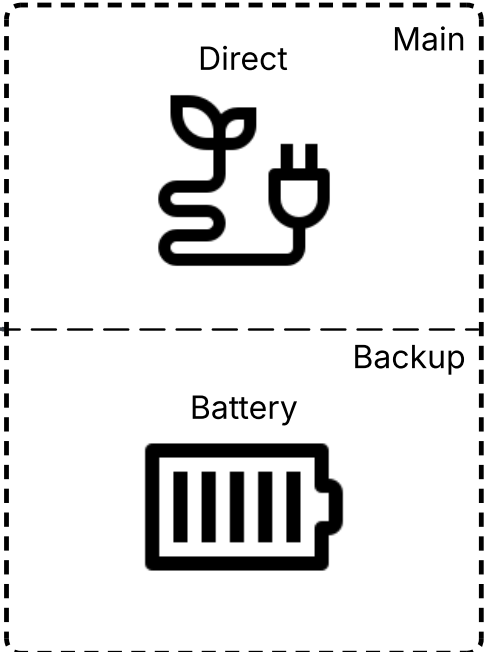
Pi 2W Hub

Danny Woo Office



FOG TIER

Hub Power



Wifi / MQTT

Detection Nodes

Danny Woo Garden

Camera 1



Node (1)

- ESP32-C3 + Camera
- Motion Trigger → Wake
- Capture Image
- TFLite Inference
- Publish if Rat Detected (>70%)
- Deep Sleep

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EDGE TIER

Node Power (each)

