Data Flow Overview

Device
Arduino
Sensors

→ LoRaWAN →

TTN
Gateway
Decoder

→ Webhook →

API
Webhook
Handler

→ SQL →

Neon DB
PostgreSQL
Storage

Device → Local → Display
Display
LED + ePaper

Display → Direct → User
User
Local

Neon DB → Query → Web App
Web App
Dashboard
History

Web App → HTTPS → User
User
Remote