Flood Watch final design

API using services. EG. Vue.js graphs
Connects to API back-end to provide meaning visual representation of the data.

Laravel API
Provides endpoints to query on time series data & statistics.

MySQL
Stores device information (ID, area, location).

InfluxDB
Stores reading, timestamp & battery power levels.

Gateway

The Things Network
Sends data to our uplink receiver via its gateways.

Uplink Receiver
Node.js client listening for uplinks from The Things Network.

Redis
Caches latest reading from each device.

Device
Reads river levels.