



OVERWATCH

- Layout
- Database
- SQL Queries
- Extra functionaliteit
 - Home pagina
 - Live updates / Live Data
 - Fullscreen grafieken
 - Help pagina
- Demo

Layout



1. Home
2. Sensors
3. Statistics
4. Admin (niet voor gewone users)
5. Social
 - a. Home
 - b. My Profile
 - c. My Friends
 - d. Groups
6. Nieuw: Help pagina

Database



OVERWATCH

Live grafiek

Standaard grafiek

Aggregatie

- Alle groepen van een bepaalde user

```
SELECT * FROM table_Group WHERE table_Group.gid IN (SELECT  
table_Membership.group_gid FROM table_Membership WHERE table_Membership.  
user_uid = {given UID})
```

- Selecteer gemiddelde:

```
SELECT avg(value), time AS value FROM {g.cls._table_name} WHERE  
sensor_SID IN {sensors} GROUP BY time HAVING time >= %(start)s AND time <  
%(end)s ORDER BY time
```

- Alle tags van een bepaalde sensor

```
SELECT * FROM table_Tag WHERE table_Tag.tid IN (SELECT table_Tagged.  
tag_tid FROM table_Tagged WHERE table_Tagged.sensor_sid = {given SID})
```

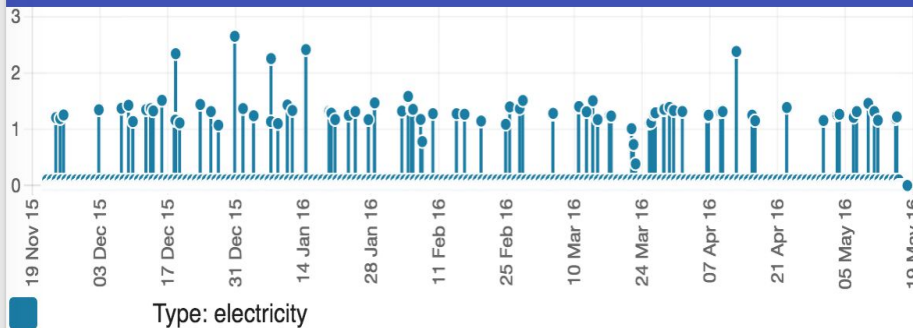
Extra functionaliteit: Home pagina



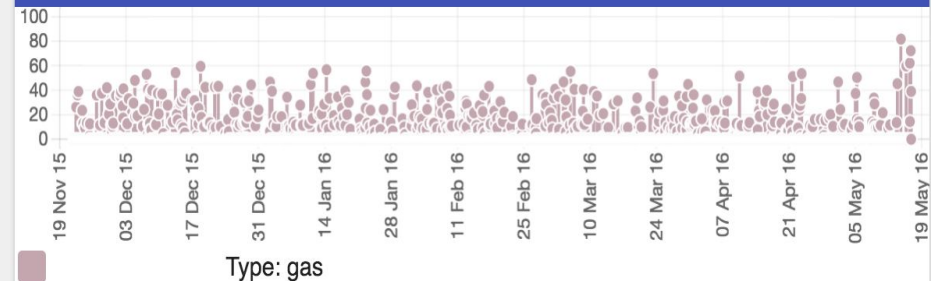
Tonen van belangrijke live grafieken



Average electricity usage from today 🗑️



Average gas usage from today 🗑️

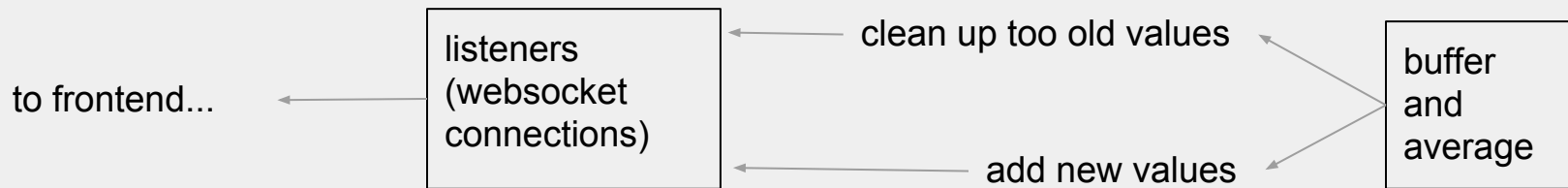


Extra functionaliteit: Live updates/ Live data



OW-client script → adds value → triggers Sparrow → triggers LineInGraphLive
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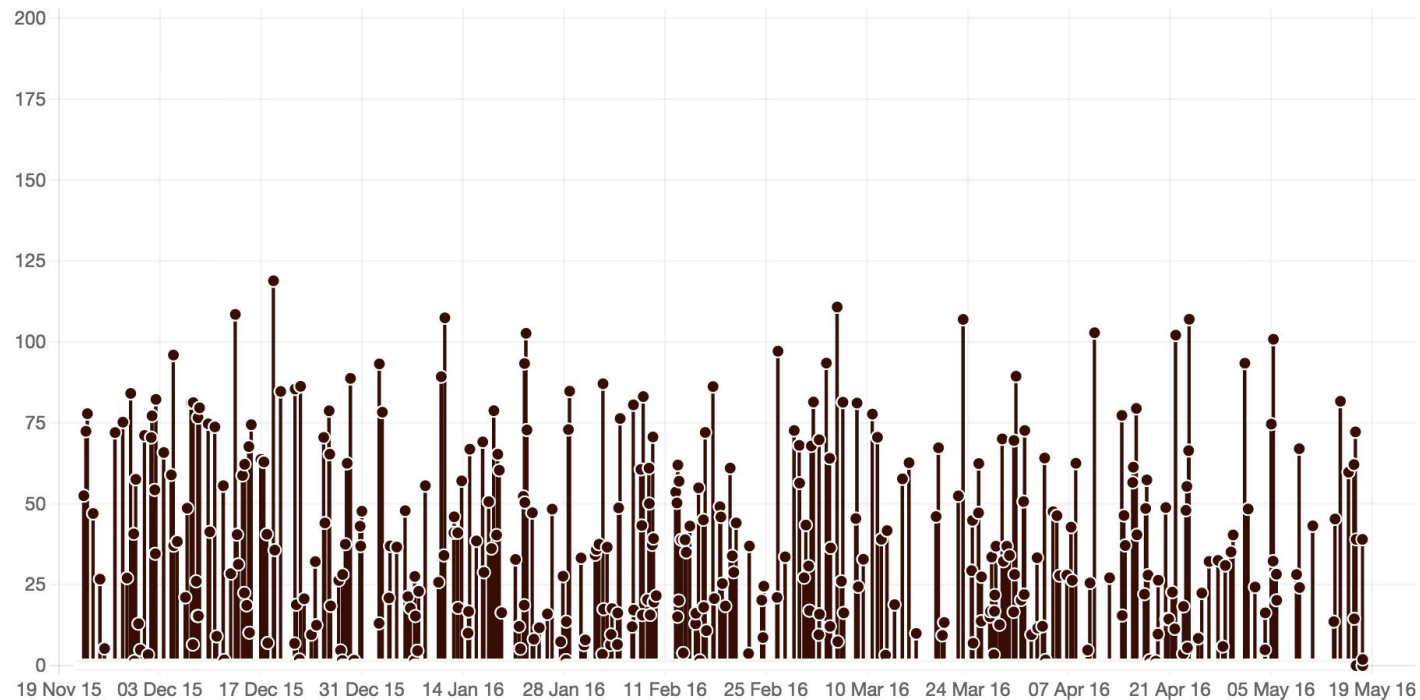
triggers aggregation



Extra functionaliteit: Fullscreen grafieken



Graph



Type: gas

Extra functionaliteit: Help



Help pagina met FAQ

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FAQ

Home page

How do I navigate on the site?
I heard there were extra features planned for the homepage, which features exactly?

Statistics page

The 4 dropdowns and their basic usage.
What does "aggregate by..." mean?

Sensor page

The sensors page looks broken, how do I fix this?
Adding a location/sensor
Editing a location/sensor
Deleting a location/sensor
Deleting a location/sensor

Social home page

The social page looks broken, how do I fix this?
Making/joining a group
Getting new friends
Looking at the wall/profile of groups/friends

Social profile page

How do I change my profile picture?
Basic overview

Home page

How do I navigate on the site?
You can navigate through our website using the menu icon in the top left of the screen.

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Sample Data 0 < ⭐

Sample Data 1 < ⭐

Sample Data 2 < ⭐

Sample Data 3 < ⭐

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Demo



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