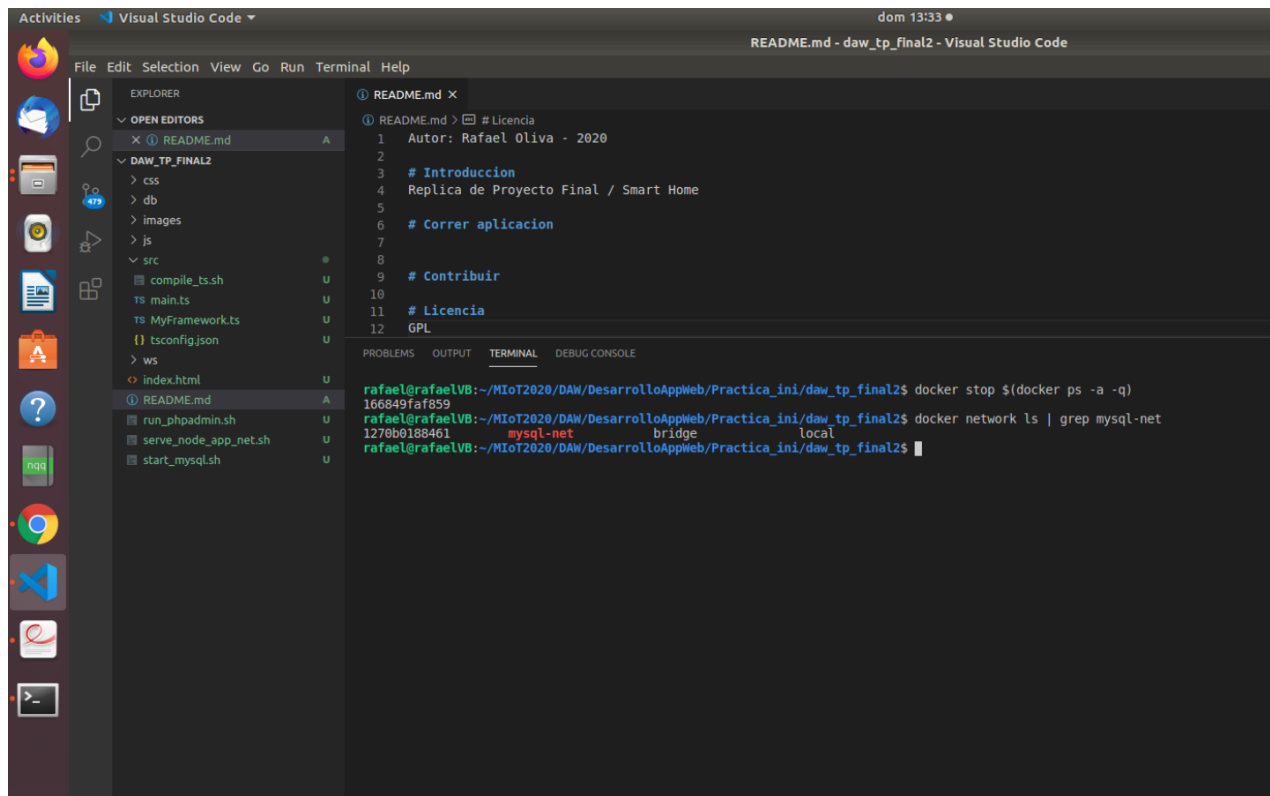
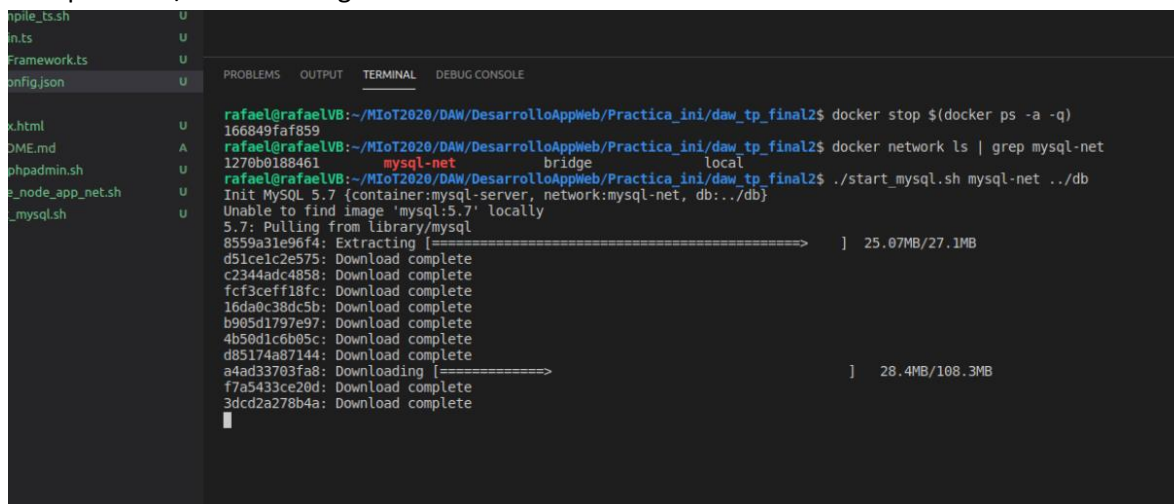


## 1. REPLICAMOS LO HECHO EN PROBOOK:



## 2. Al pasarle ../db → descarga



## 3. Pero el directorio está mal, debería ser efectivamente: "\$PWD" /db

```
done right. C... rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ docker stop $(docker ps -a -q)
166849faf859
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ docker network ls | grep mysql-net
1270b188461 mysql-net bridge local
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./start_mysql.sh mysql-net ../db
Init MySQL 5.7 (container:mysql-server, network:mysql-net, db:/home/rafael/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2/db)
Unable to find image 'mysql:5.7' locally
5.7: Pulling from library/mysql
8559a31e96f4: Pull complete
d51c1c2e575: Pull complete
c2344adc4858: Pull complete
fcf3ceff18fc: Pull complete
16d80c38dc5b: Pull complete
b985d1797e97: Pull complete
4b58d1c6b85c: Pull complete
d85174a87144: Pull complete
a4ad33703fa8: Pull complete
f7a5433ce20d: Pull complete
3dc2a278b4a: Pull complete
Digest: sha256:32f9d9a069f7a725e28fd44ea944d53c61f990ba71460c5c183e610854ca854
Status: Downloaded newer image for mysql:5.7
docker: Error response from daemon: create ../db/dumps: "../db/dumps" includes invalid characters for a local volume name, only "[a-zA-Z0-9][a-zA-Z0-9_..]" a
pass a host directory, use absolute path.
See 'docker run --help'.
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./start_mysql.sh mysql-net "$PWD"/db
Init MySQL 5.7 (container:mysql-server, network:mysql-net, db:/home/rafael/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2/db)
b7a9b28d0cb260968474bd58eac1acd9855f921bb73df8f3e1e55109f8956ebb
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$
```

4. Al correr el ./run\_phpadmin.sh va también a buscar..

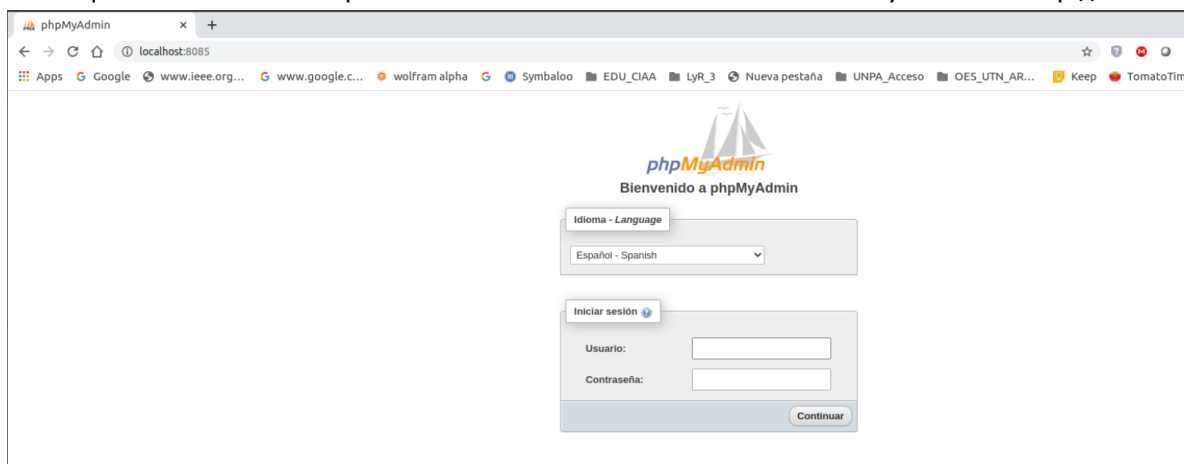
```
Status: Downloaded newer image for mysql:5.7
docker: Error response from daemon: create ../db/dumps: "../db/dumps" includes invalid characters for a local volume name, only "[a-zA-Z0-9][a-zA-Z0-9_..]" a
pass a host directory, use absolute path.
See 'docker run --help'.
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./start_mysql.sh mysql-net "$PWD"/db
Init MySQL 5.7 (container:mysql-server, network:mysql-net, db:/home/rafael/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2/db)
b7a9b28d0cb260968474bd58eac1acd9855f921bb73df8f3e1e55109f8956ebb
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./run_phpadmin.sh mysql-net mysql-server 8085
{container:phpadmin, net:mysql-net, mysql:mysql-server, port:8085}
Unable to find image 'phpmyadmin/phpmyadmin:latest' locally
latest: Pulling from phpmyadmin/phpmyadmin
afb6ec6fdcl: Downloading [=====] 9.808MB/27.1MB
3d895574014b: Download complete
c309fdad6410: Downloading [=====] 10.7MB/76.65MB
c201f6a5d6f9: Download complete
e87f853892aa: Downloading [=====] 8.465MB/18.68MB
998b2113b400: Waiting
b3c0b4710d3b: Waiting
031d21f0c70d: Waiting
d06357e06110: Waiting
6f22f4f45204: Waiting
```

4B. Finalmente lo descarga todo. Aparece a la derecha un mensaje de error con devices.txt

```
Status: Downloaded newer image for mysql:5.7
docker: Error response from daemon: create ../db/dumps: "../db/dumps" includes invalid characters for a local volume name, only "[a-zA-Z0-9][a-zA-Z0-9_..]" a
pass a host directory, use absolute path.
See 'docker run --help'.
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./start_mysql.sh mysql-net "$PWD"/db
Init MySQL 5.7 (container:mysql-server, network:mysql-net, db:/home/rafael/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2/db)
b7a9b28d0cb260968474bd58eac1acd9855f921bb73df8f3e1e55109f8956ebb
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./run_phpadmin.sh mysql-net mysql-server 8085
{container:phpadmin, net:mysql-net, mysql:mysql-server, port:8085}
Unable to find image 'phpmyadmin/phpmyadmin:latest' locally
latest: Pulling from phpmyadmin/phpmyadmin
afb6ec6fdcl: Pull complete
3d895574014b: Pull complete
c309fdad6410: Pull complete
c201f6a5d6f9: Pull complete
e87f853892aa: Pull complete
998b2113b400: Pull complete
b3c0b4710d3b: Pull complete
031d21f0c70d: Pull complete
d06357e06110: Pull complete
8123fcd45284: Pull complete
f9d08c7d9248: Pull complete
18c5c484124: Pull complete
14def405562: Pull complete
7427627cf805: Pull complete
479d014f61e: Pull complete
b3b40e90f791: Pull complete
c885166cfca7: Pull complete
c7f05563e99a: Pull complete
Digest: sha256:9f08a9e91b33e652d77a60df1ec7bcd34d15b4ccb34352783fc5476aedec55a
Status: Downloaded newer image for phpmyadmin/phpmyadmin:latest
7d824249d968a854503bc1f01af02eab605fce13623287b5ac501eb6007900
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$
```

(copiamos en error.txt en /docs)

5. Chequeamos en Chrome que está funcionando correctamente el PHPMYAdmin en http://localhost:8085



OK

6. Finalmente, toca ejecutar el servidor NodeJS, y ver que funciona en <http://localhost:8000>

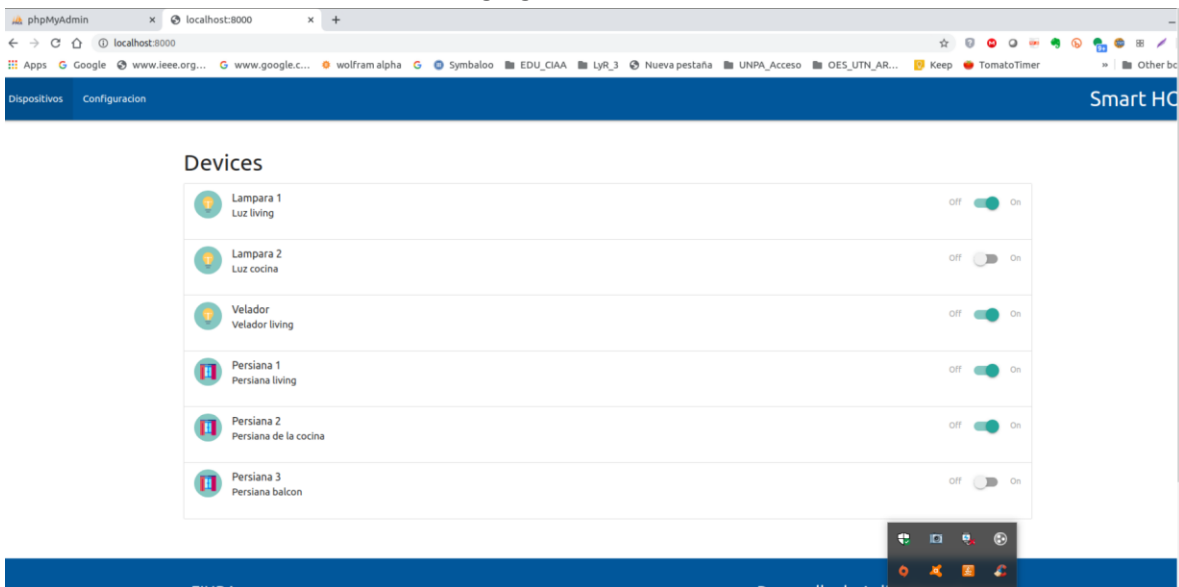
El server no está local, lo descarga:

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./serve_node_app_net.sh "$PWD" ws/index.js 8000 mysql-net
{nodejs-container, app-dir:, entry-point:, host-port:8000}
Unable to find image 'abassi/nodejs-server:10.0-dev' locally
10.0-dev: Pulling from abassi/nodejs-server
99760bc62448: Downloading [====>] 3.663MB/45.38MB
e3fa264a7a88: Downloading [=====>] 3.91MB/10.8MB
a222a2af289f: Downloading [=====>] 3.771MB/4.34MB
c1f89293f045: Waiting
115b6fc5ace1: Waiting
9eb516295c24: Waiting
18f3759b33f3: Waiting
627418129f22: Waiting
1764e003d63c: Waiting
660a4828c759: Waiting
74f51570ab52: Waiting
7d4093334578: Waiting
8c5c614e6c69: Waiting
```

6b OK – queda en espera, pero ejecutando

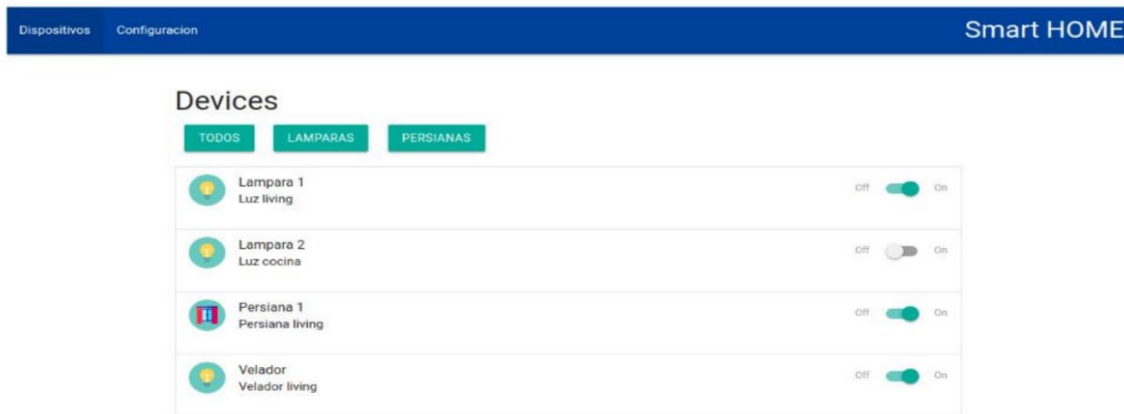
```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
rafael@rafaelVB:~/MIOT2020/DAW/DesarrolloAppWeb/Practica_ini/daw_tp_final2$ ./serve_node_app_net.sh "$PWD" ws/index.js 8000 mysql-net
{nodejs-container, app-dir:, entry-point:, host-port:8000}
Unable to find image 'abassi/nodejs-server:10.0-dev' locally
10.0-dev: Pulling from abassi/nodejs-server
99760bc62448: Pull complete
e3fa264a7a88: Pull complete
a222a2af289f: Pull complete
c1f89293f045: Pull complete
115b6fc5ace1: Pull complete
9eb516295c24: Pull complete
18f3759b33f3: Pull complete
627418129f22: Pull complete
1764e003d63c: Pull complete
660a4828c759: Pull complete
74f51570ab52: Pull complete
7d4093334578: Pull complete
8c5c614e6c69: Pull complete
Digest: sha256:172501329b79022fa5e72e2b7b38bea16bb3568c2707c81d8a1ac5a06fb03bdd
Status: Downloaded newer image for abassi/nodejs-server:10.0-dev
[nodemon] 2.0.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting node /home/node/app/ws/index.js
API funcionando en el puerto 3000
Conectado con id 2
```

7. Efectivamente está corriendo! Falta agregar los botones



8. Agregados que se piden:

8.1 BOTONES, para realizar consulta por tipo de dispositivo:



8.2 Modificar el servicio que devuelve la lista agregando un parámetro “filter” en la URL tal que:

/ws/devices?filter=X

Con: X=0 → no filtrar, X=1 → filtrar el tipo “lámpara”, X=2 → filtrar el tipo “persiana”,

De modo que al relizar un GET se devuelva una lista filtrada.

8.3 Al recibir el .JSON con la lista de devices, se deberá mostrar en el sitio web.

8.4 En el backend, se deberá cambiar la consulta SQL según el filtro X que se recibió.

9. Puntos 6 en adelante → se hace con Docker Compose que explican en clase del 17/6