

Smart Home Panel

by **David Vargas Carrillo** and **Daniel Martín Martínez**

<https://github.com/dvcarrillo/smart-home-panel>



Smart Home Panel

The perfect solution for your smart home



Daniel Martin

Online

House

Dashboard

Rooms


Devices

Home April 28, 2017 1:32 am

Dashboard > Home

Water


1 of 4 devices running



Check Devices

Power


2 of 5 devices running



Check Devices

Heating

1 of 1 devices running



Check Devices

-2L

Today 1:32 AM

Water Information

1277L Total Today	45L Total Yesterday
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Daily Saving

-2737.78 %

-0.2125kW

Today 1:32 AM

Power Information

108.92kW Total Today	200kW Total Yesterday
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Daily Saving

+45.54 %

-26°C

Today 1:32 AM

Heating Information

24°C
Recommended Temperature

Notes


Daniel Martin 28 April 1:32 am

Send


-2°C

Lappeenranta





Your English Is G...
Tokyo Police Club
Puede que m...



Overview

Monitor your devices

- Smart Home Panel is capable of do a **live monitoring** of your devices
- It is **constantly gathering information** about the consumption of your devices, which is classified into different types: **power** and **water**
- **The house temperature** is also monitored in the home screen
- The information is then **shown in displays**, which also **compare the consumption of the day with the one of the day before** for achieving a **sustainable goal**
- Devices are classified in **rooms and type**, so you will never lose control of them!



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ving

78 %

▲ **0.2125kW**

Today 1:32 AM

Power Information

108.92kW
Total Today

200kW
Total Yesterday

Daily Saving

+ 45.54 %

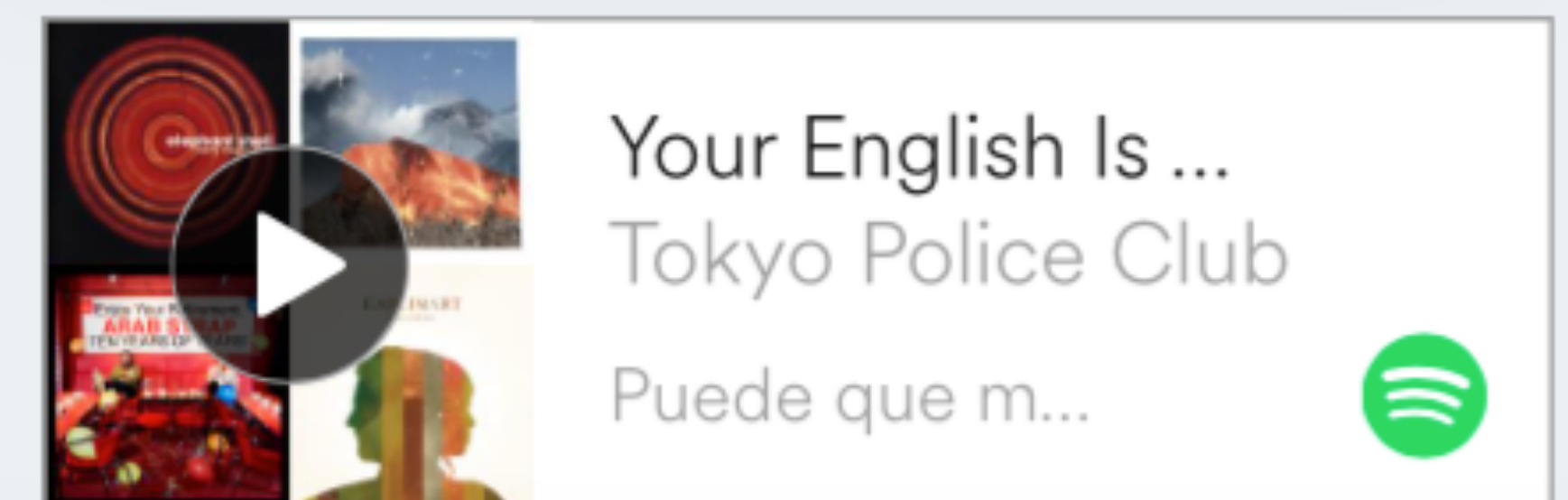
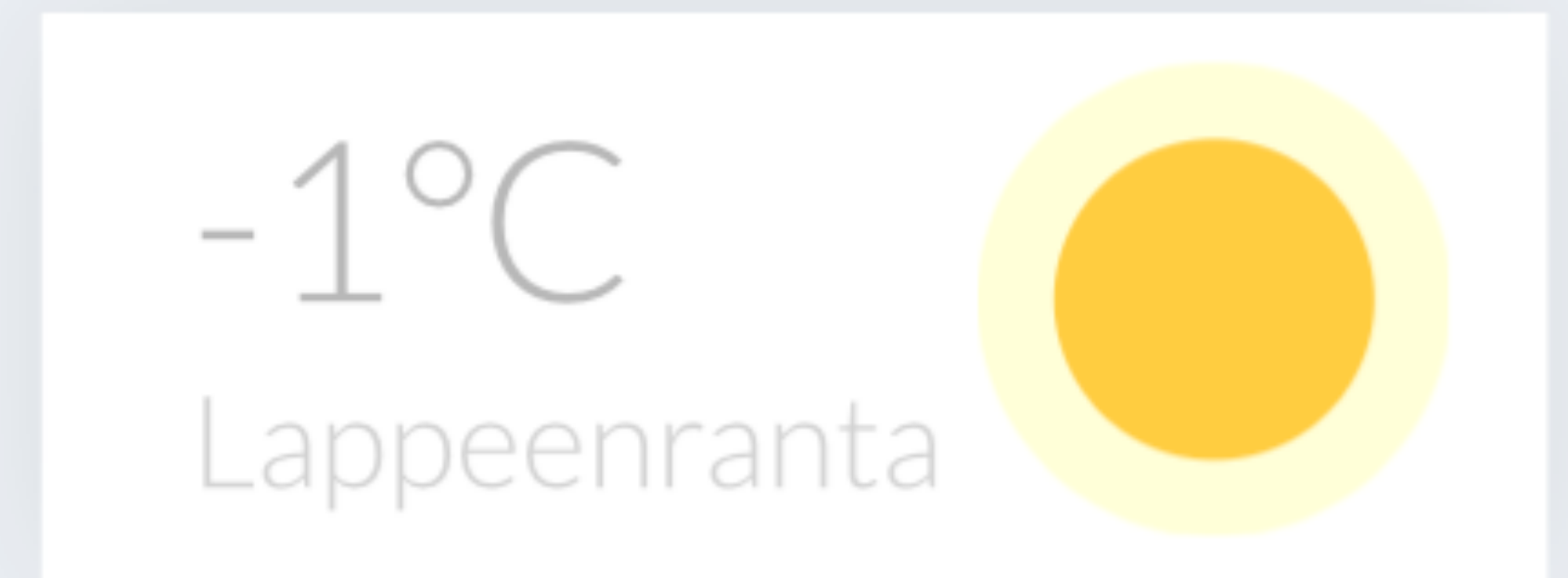
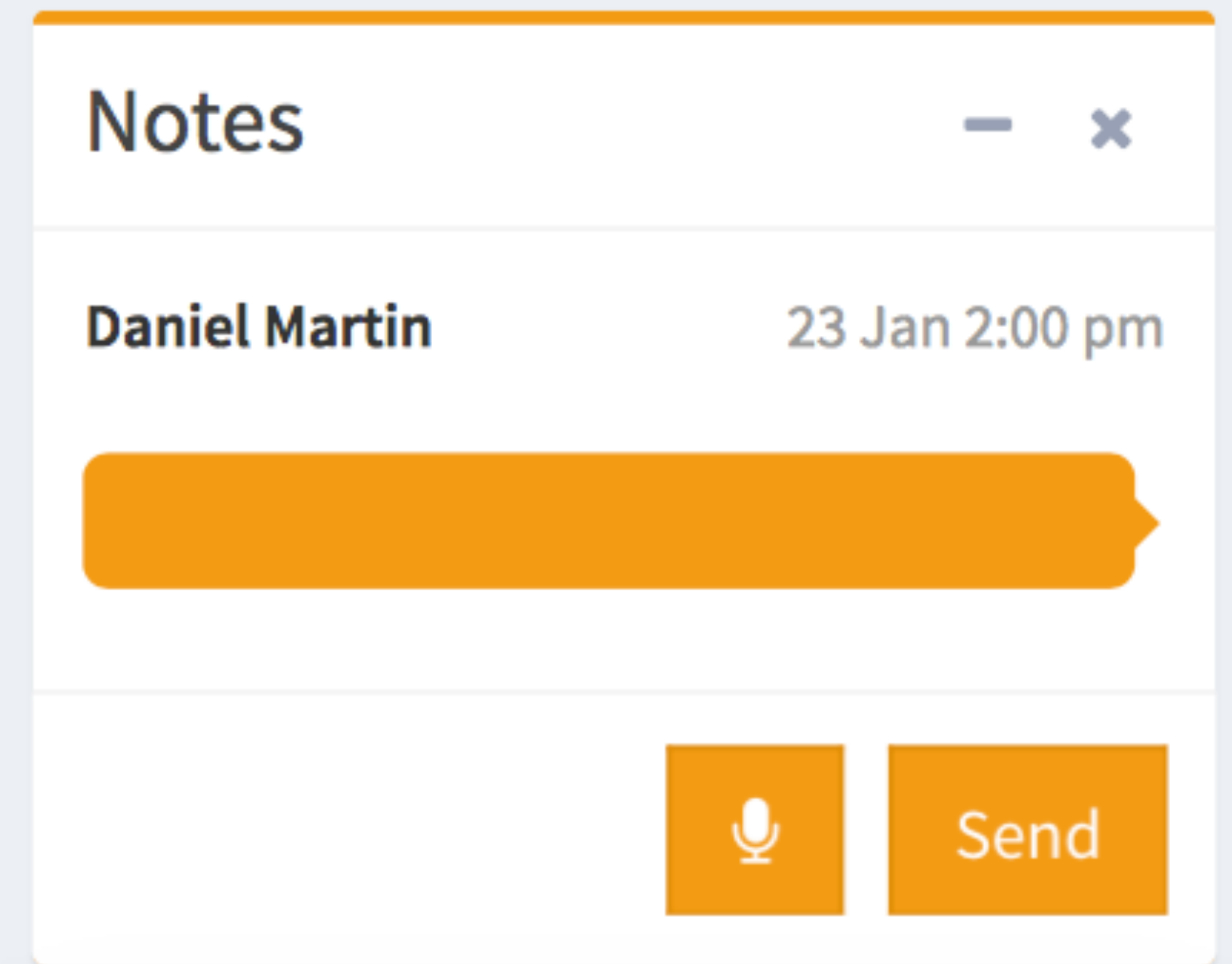
Manage your devices

- The potential of Smart Home Panel starts from the home screen, which presents a **summary of your devices divided by type**
- From the sidebar, you will be able to access to the different sections, which are **classified by rooms and types**
- **Powering on and off a device** is as easy as clicking over its name in each section!
- Smart Home Panel **manages each device individually**: you can see **detailed information** of each one and even **set timers** to power off the device in the desired moment



Do much more

- **Smart Home Panel** also offers right from the dashboard:
- **Voice-to-text notes:** talk to the app, and it will take and save notes for you!
- **Weather information:** the app geo-locates you and automatically shows the weather in your place in a beautiful way
- **Spotify integration:** set your favorite playlist and play it right from the app
- **Google Calendar integration:** don't lose any appointment more, the app will show you your next events



Technical information

55.2% JavaScript **36.4% HTML** **7.6% CSS** **0.8% PHP** **<1% SQL**

- **Responsive design** makes using Smart Home Panel from any device a pleasant experience due to its adaptability
- **Google Cloud Speech API** ensures the best voice recognition quality, and adapts to a huge set of languages
- **Modularity** and use of **Bootstrap** makes the application easy to expand and modify
- **Developed** using XAMPP, Sublime Text 3 and git under macOS and Windows

Thank you!

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