Smart Home Panel

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

https://github.com/dvcarrillo/home-panel

Smart Home Panel

The perfect solution for your smart home

Daniel Martin
● Online

louse

🏠 DashBoard

☰ Rooms ‹

⚙ Devices ‹

25

👤 Daniel Martin

Home April 28, 2017 1:32 am

🏠 DashBoard › Hom

Water
1 of 4 devices running

Check Devices

Power
2 of 5 devices running

Check Devices

Heating
1 of 1 devices running

Check Devices

Notes ─ ✕

Daniel Martin 28 April 1:32 am

🎤 Send

⌃2L

⌃0.2125kW

⌃26°C

-2°C
Lappeenranta

Today 1:32 AM
Water Information

1277L	45L
Total Today	Total Yesterday

Daily Saving

- 2737.78 %

Today 1:32 AM
Power Information

108.92kW	200kW
Total Today	Total Yesterday

Daily Saving

+ 45.54 %

Today 1:32 AM
Heating Information

24°C
Recommended Temperature

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!

⌃0.2125kW

Today 1:32 AM

Power Information

108.92kW
Total Today

200kW
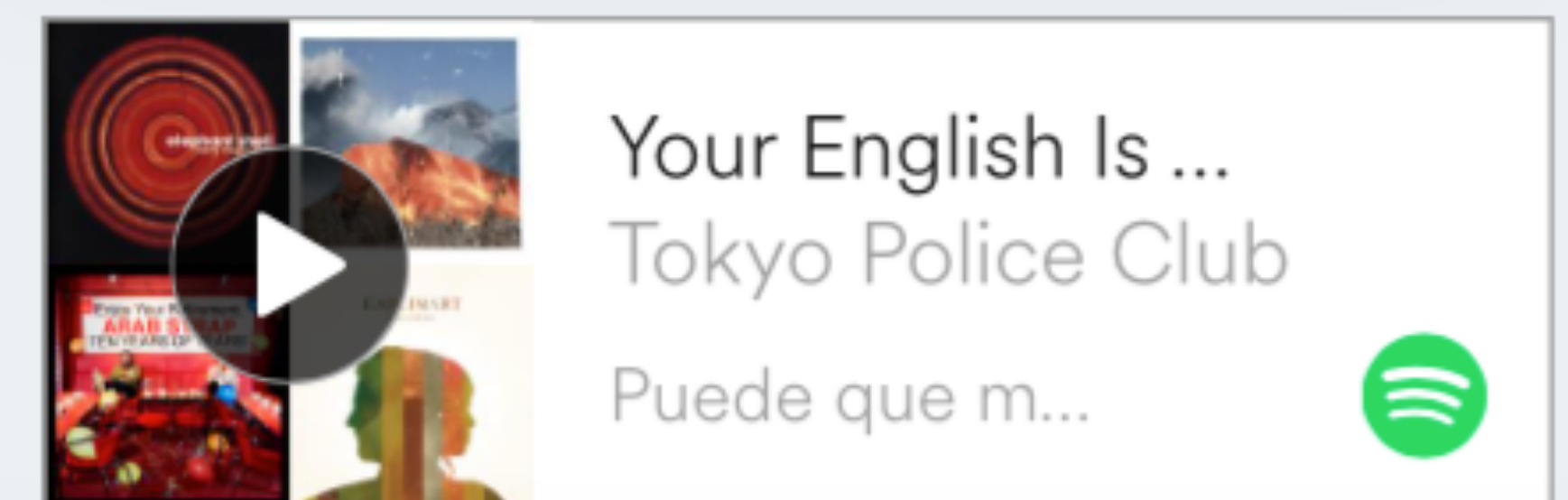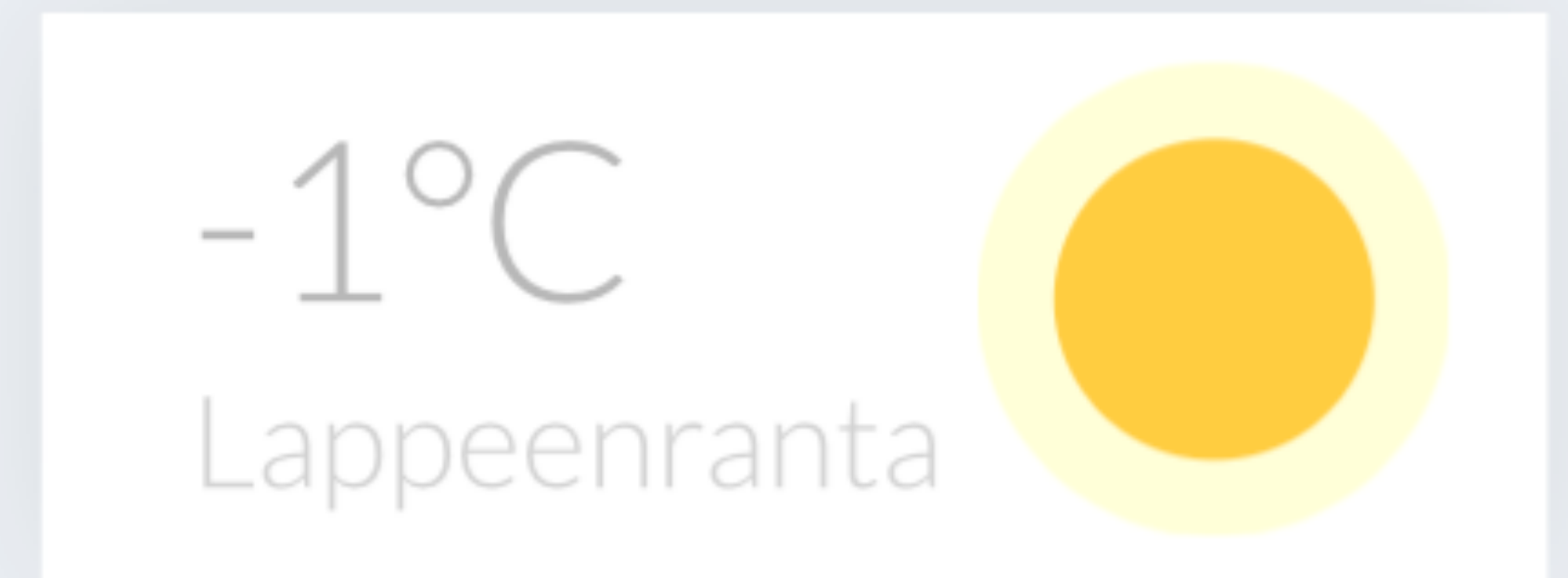Total Yesterday
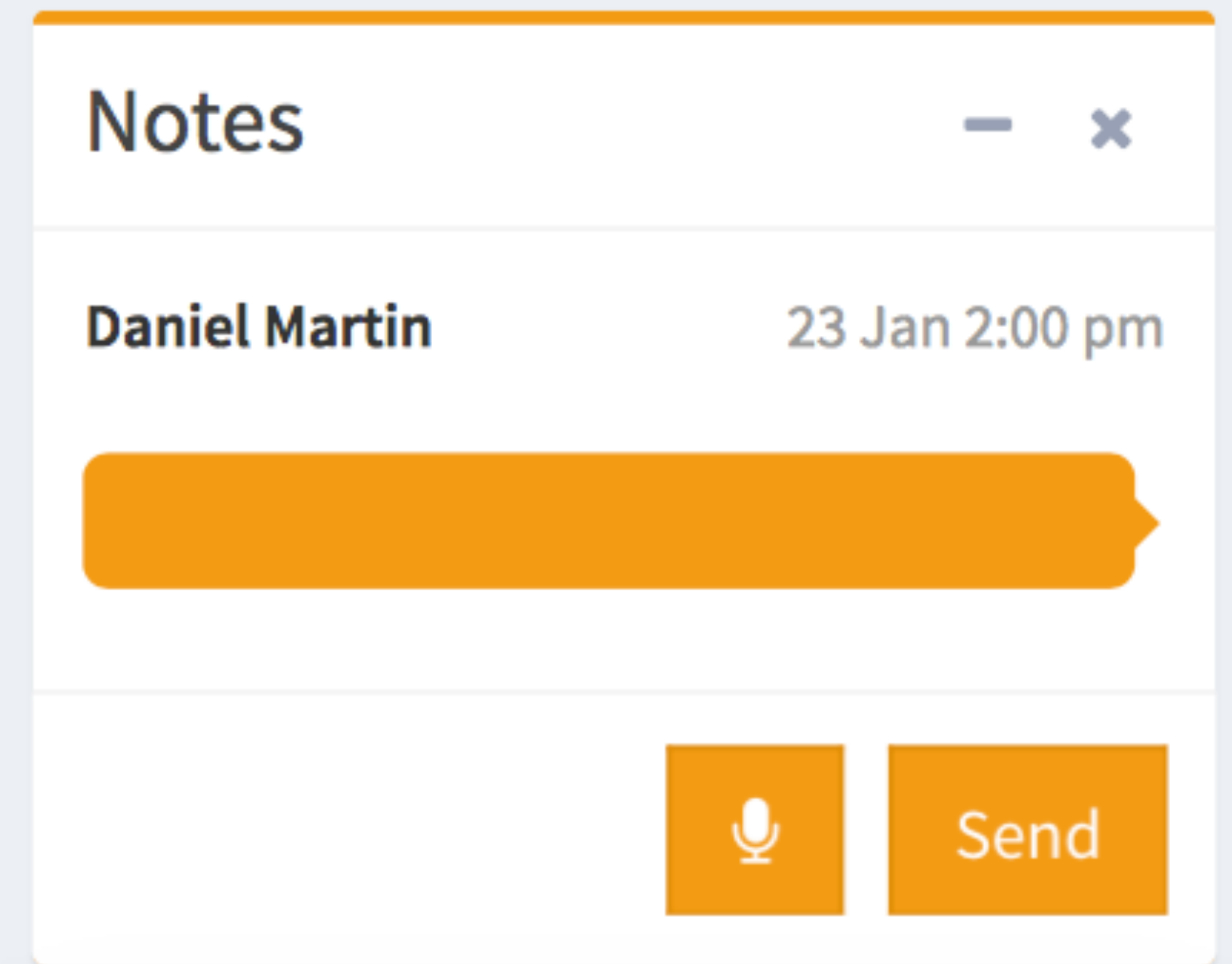
Daily Saving

+45.54 %

78 %

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

Notes

Daniel Martin   23 Jan 2:00 pm

Send

-1°C
Lappeenranta

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

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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