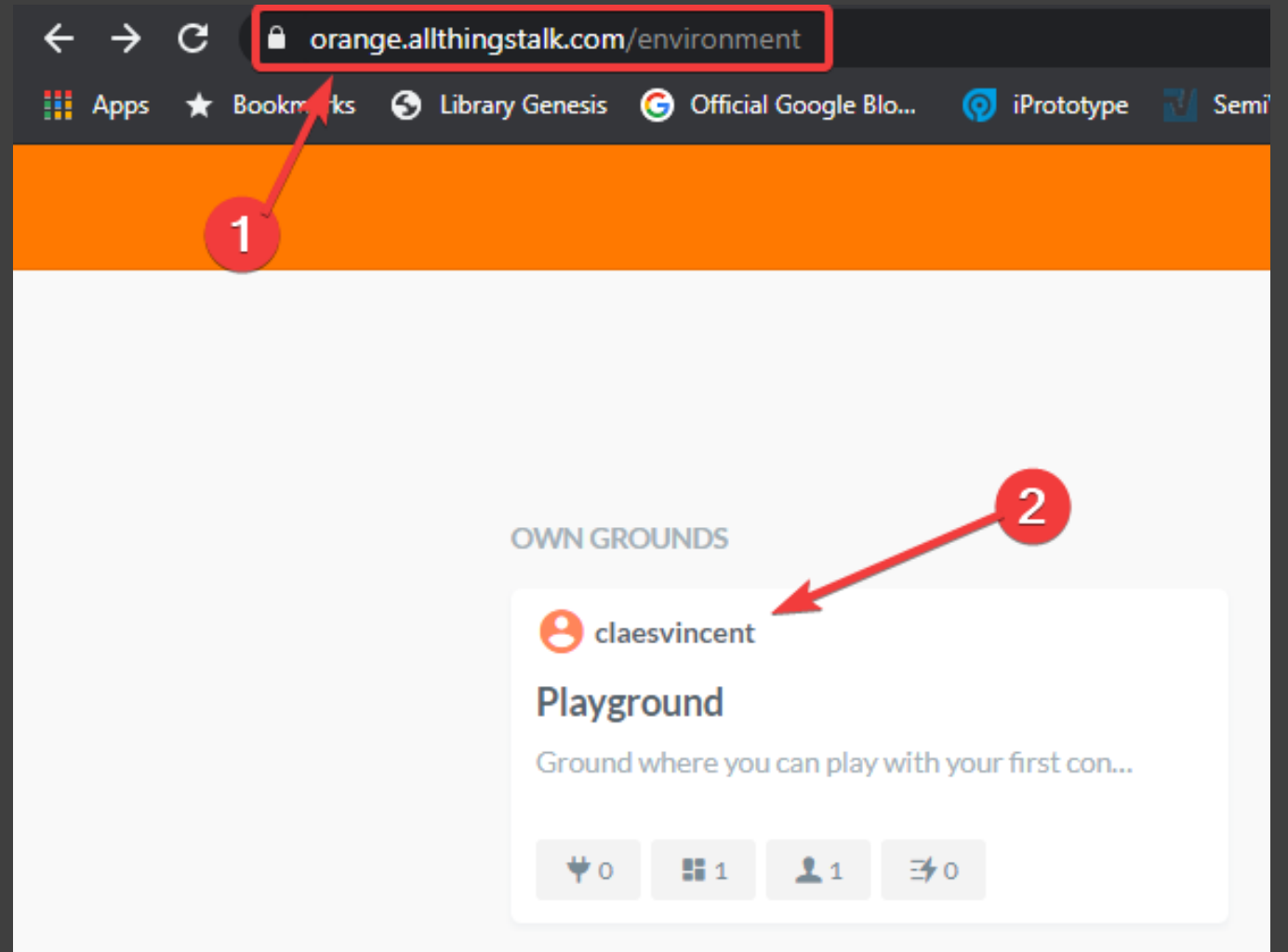




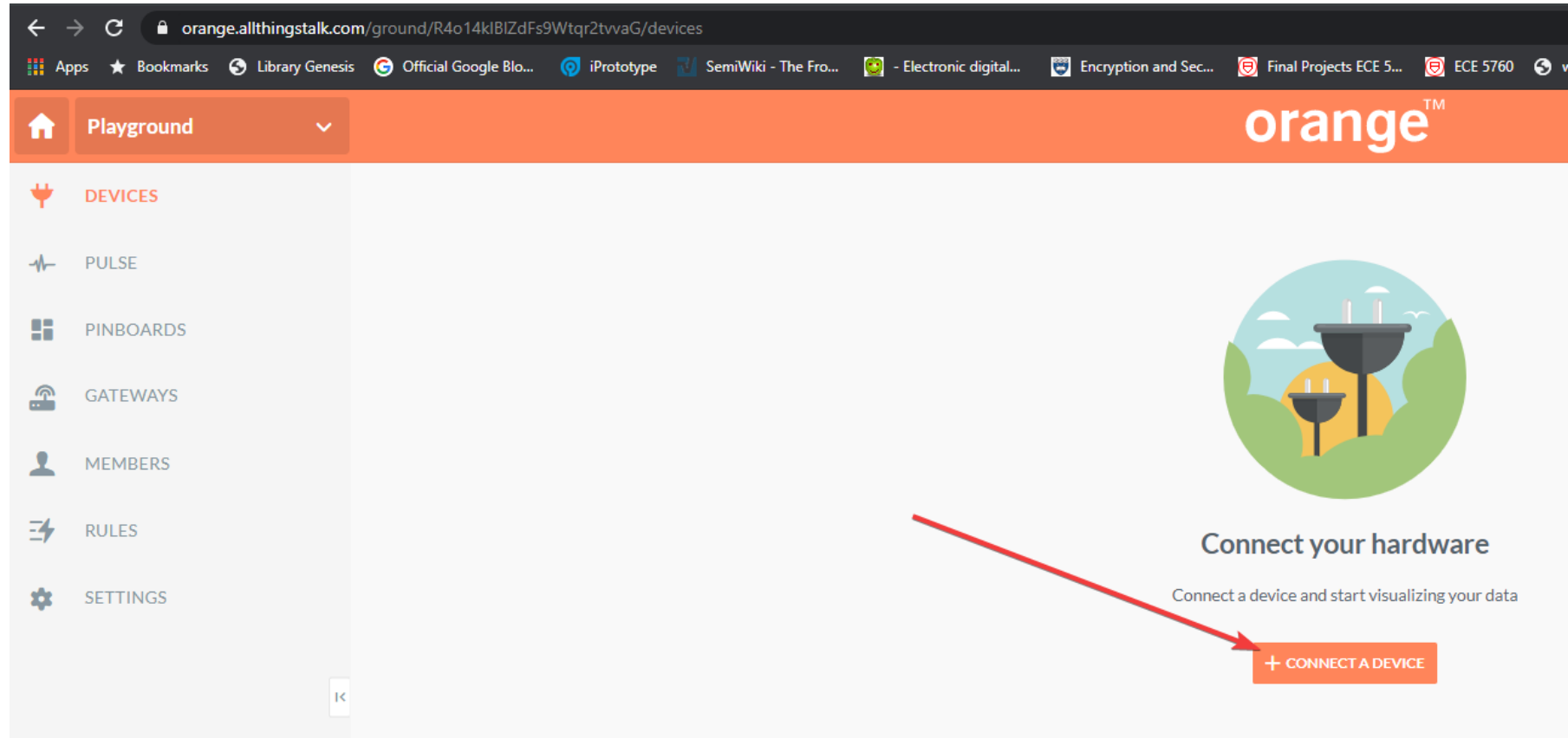
Vincent Claes

Introductie tot  
Allthingstalk platform met  
Smartphone als hardware

<http://orange.allthingstalk.com>



# Connect a Device



# Connect Your Smartphone

NEW DEVICE >












I have an activation code

e.g. YUP/GQHQ

FIND

Choose from Orange Maker catalogue

kits nb-iot wifi/lan lte-m quick demo

|  |  |   |
|--|--|---|
| <br>Air Quality Kit for Raspberry Pi + | <br>Orange NB-IoT Rapid Development Kit + | <br>Orange LTE-M Rapid Development Kit + |
| <br>Your own NB-IoT device +          | <br>Arduino Rapid Development Kit +       | <br>Raspberry Pi Rapid Development Kit + |
| <br>Arduino +                        | <br>Raspberry Pi +                      | <br>Intel Edison +                     |
| <br>Your own device +               | <br>Your smartphone +                   |   |

# Scan QR code of bezoek url op je smartphone

The screenshot displays the Orange framework Playground interface. The browser address bar shows the URL: `orange.allthingstalk.com/ground/R4o14klBIZdFs9Wtqr2twaG/device/fnHZ4iXekWwj9hQ7kbVQTWQk`. The interface includes a sidebar with navigation options: DEVICES, PULSE, PINBOARDS, GATEWAYS, MEMBERS, RULES, and SETTINGS. The main area is titled "Your smartphone" and shows a "No assets yet" message. On the right, a "QUICK DEMO" panel is visible, featuring a QR code and a red arrow pointing to it. Below the QR code, there is a link: `https://s.allthingstalk.io/XXXXXXXXXX`. The panel also includes instructions: "You may need a separate app on your smartphone to read QR codes." and "Or open the link below in your smartphone browser". At the bottom, it lists recommended browsers: Chrome for android, Firefox for android, Opera for android, and Safari for IOS.

# Assets op je Smartphone

📱 Your smartphone | You

Click the CREATE PINBOARD button in the upper right corner to visualise the device data. ✕

ASSETS | LIVE | CHARTS

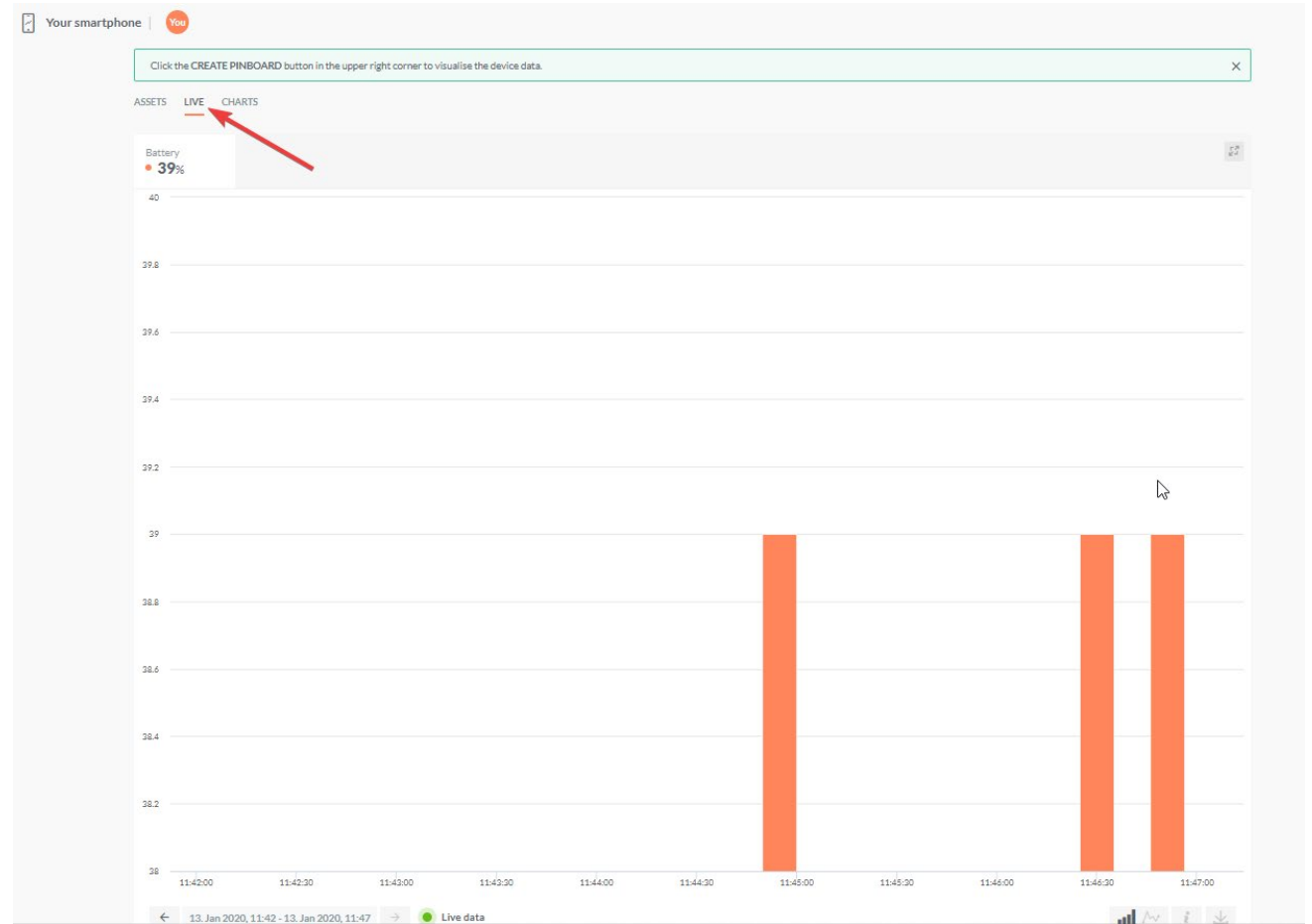
SORT BY: LAST CREATED | VIEW AS: [List Icon] [Grid Icon]

+ NEW ASSET

|                            |                              |                 |                   |     |
|----------------------------|------------------------------|-----------------|-------------------|-----|
|                            | Message<br>message           | actuator string |                   | ... |
| { "alpha": 290.83, "bet... | Orientation<br>orientation   | sensor object   | a few seconds ago | ... |
|                            | Color<br>color               | actuator string |                   | ... |
| 50.96453°S<br>5.36175°W    | Location<br>location         | sensor object   | a few seconds ago | ... |
| true                       | Sending data<br>sending_data | sensor boolean  | a few seconds ago | ... |
| false                      | Shake<br>shake               | sensor boolean  | a few seconds ago | ... |
| 39%                        | Battery<br>battery           | sensor number   | a few seconds ago | ... |
| no movement                | Movement<br>movement         | sensor string   | a few seconds ago | ... |



# Live view



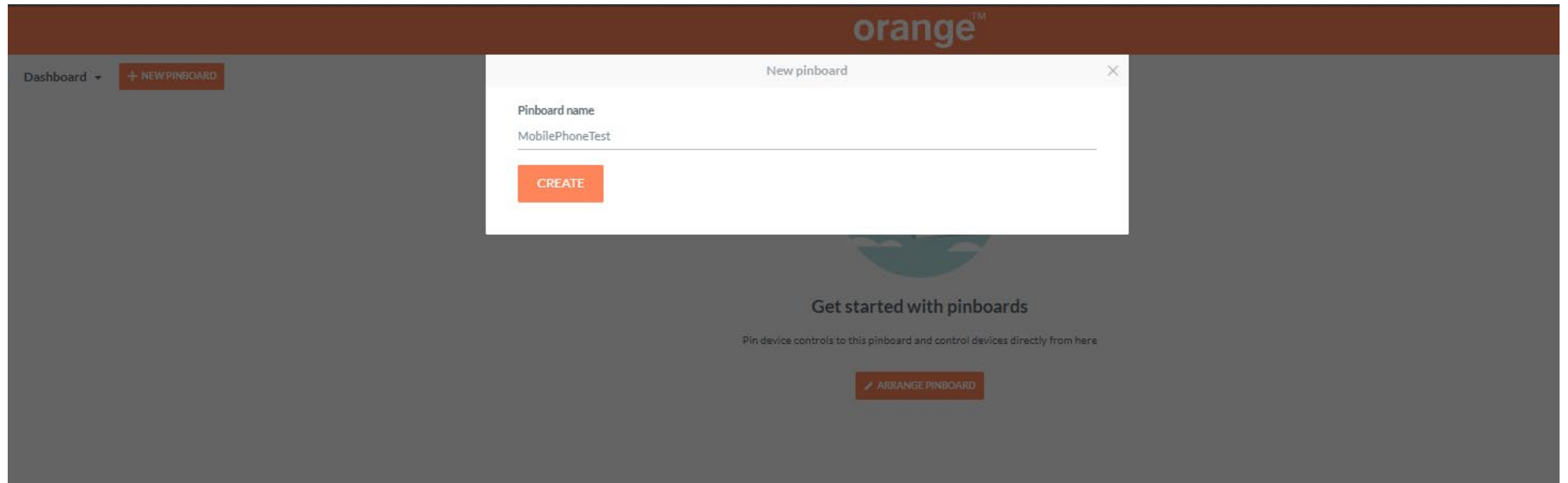
# New Pinboard aanmaken

The screenshot shows the Orange3 web interface in a browser. The address bar displays the URL: `orange.allthingstalk.com/ground/R4o14klBIZdFs9Wtqr2tvvaG/board/5ba8fbcc4eeeeae0c488453d9`. The browser's bookmark bar contains several links, including 'Apps', 'Bookmarks', 'Library Genesis', 'Official Google Blo...', 'iPrototype', 'SemiWiki - The Fro...', '- Electronic digital...', 'Encryption and Sec...', 'Final Projects ECE 5...', and 'ECE 5760'.

The Orange3 interface features a top navigation bar with a home icon, 'Playground', and the 'orange' logo. A left sidebar lists various components: 'DEVICES', 'PULSE', 'PINBOARDS' (highlighted in red), 'GATEWAYS', 'MEMBERS', 'RULES', and 'SETTINGS'. The main content area is titled 'Dashboard' and includes a '+ NEW PINBOARD' button. Below this, there is a large illustration of two sticky notes pinned to a light blue circle, with one note saying 'Hello World!'. The text 'Get started with pinboards' is displayed below the illustration, followed by the instruction 'Pin device controls to this pinboard and control devices directly from here'. At the bottom right of this section is an 'ARRANGE PINBOARD' button.



# Pinboard Name

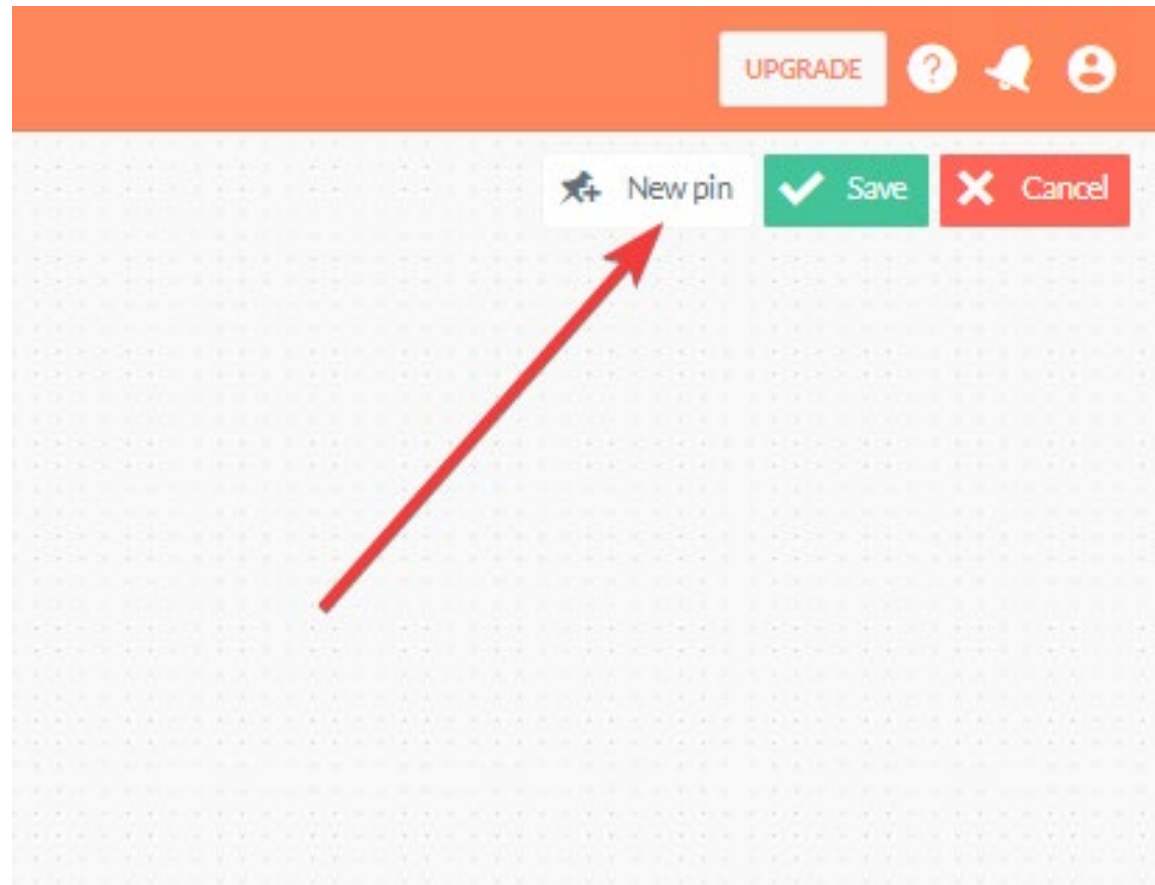


# New Pinboard aanmaken



# New Pin toevoegen aan Pinboard


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# Control kiezen, Type en Time Scale

PIN CONTROL

Choose a control

 Chart

Extras for Chart control

Type

Time scale

Bar chart

5 minutes live data

NEXT

# Device en Assets selecteren

←

PIN CONTROL > CHART

×

Choose a device

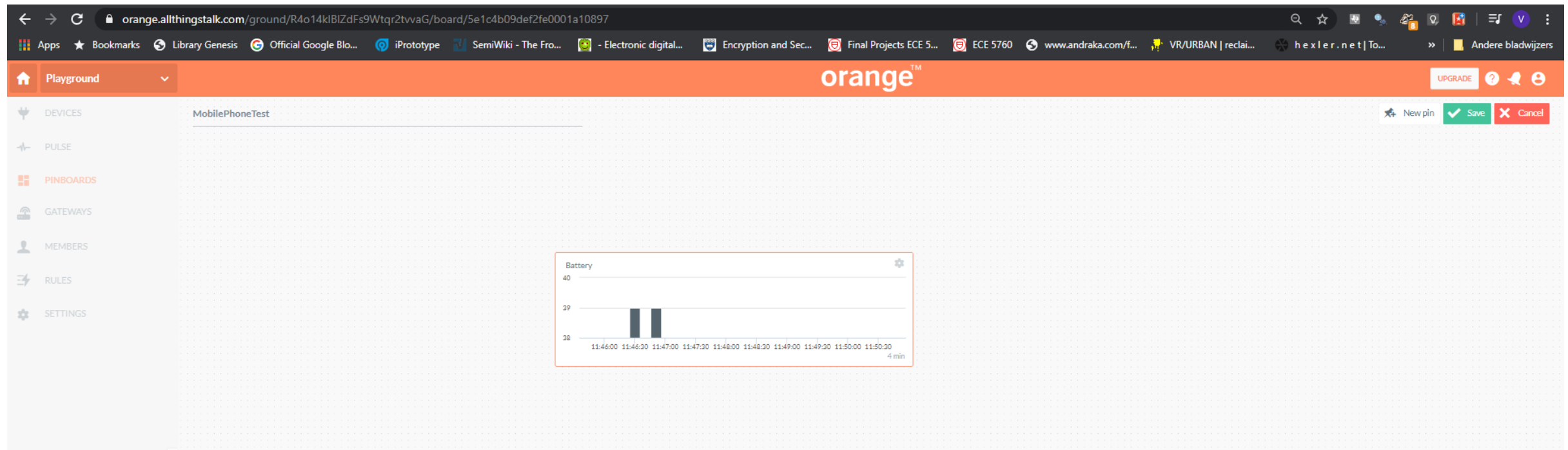
Your smartphone

Choose an asset

—

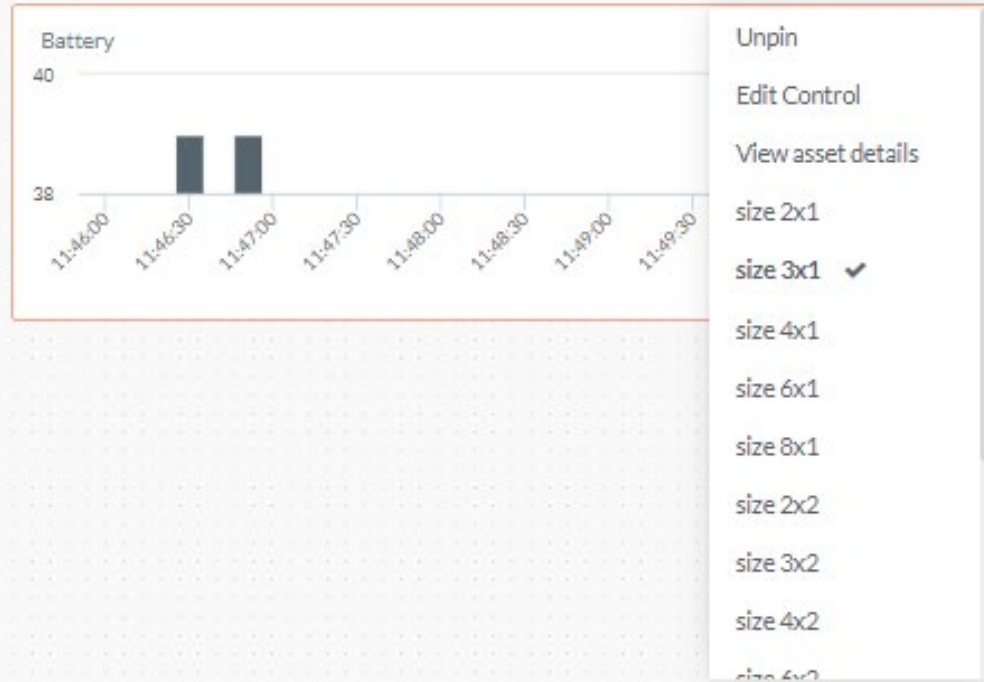
PIN

# New Pinboard aanmaken



# Pin Settings

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# Asset Details

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ASSET DETAILS

Id

hRac1hOpXSgjMVkKwhQPbpDL

Name

battery

Kind

sensor

Title

Battery

Profile

Choose type

Advanced

Number

State

Last known state of the asset

```
{  
  "at": "2020-01-13T10:46:51.336Z",  
  "value": 39  
}
```

Management

Manage your asset

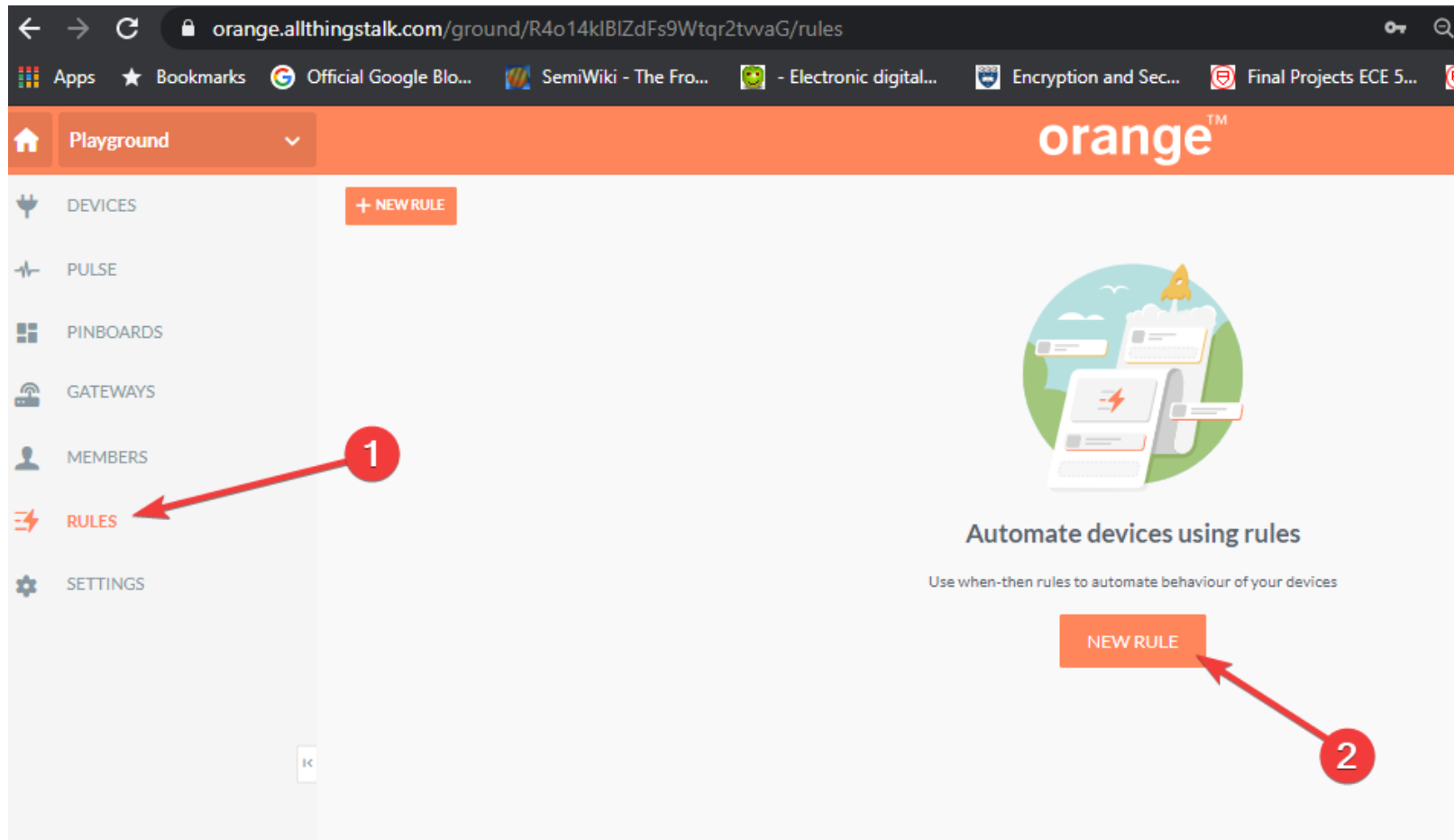
Delete asset



# Pin Size



# Rules







# New Rule Wizard

---





Vincent Claes





CREATE RULE





DEVICES

 Your smartphone   

COMPONENTS


 Notify   

 Comparison   

 Day & Time   

TRIGGERS

ACTIONS



Start building your rule. Drag and drop components on the left to boxes above.

CREATE RULE

# Add Trigger

CREATE RULE

DEVICES

1

2

COMPONENTS

Notify

Comparison

Day & Time

Battery

Color

Location

Message

Movement

sensor number

actuator string

sensor object

actuator string

sensor string

TRIGGERS

ACTIONS

# Add Comparison “action”

The screenshot displays the 'CREATE RULE' interface, which is divided into several sections:

- DEVICES:** A list containing 'Your smartphone'.
- COMPONENTS:** A list containing 'Notify', 'Comparison', and 'Day & Time'. A red circle with the number '1' is placed over the 'Comparison' component, with a red arrow pointing to the 'Comparison' section in the main configuration area.
- Configuration Area:**
  - Triggers:** A section with a 'Battery' trigger checked, showing 'sensor' and 'number' types.
  - Comparison:** A section with a red circle '2' over the comparison operator '<=' and a red circle '3' over the value '25'. The configuration shows 'Your smartphone' and 'Battery' in a dropdown menu.
  - Actions:** A section with 'YES' and 'NO' options.
- CREATE RULE:** A button at the bottom right.

# Add Notify when “yes”, create rule

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The screenshot shows the 'CREATE RULE' interface with the following components and annotations:

- DEVICES:** A list containing 'Your smartphone'.
- COMPONENTS:** A list containing 'Notify', 'Comparison', and 'Day & Time'. A red circle with the number '1' is next to 'Notify', with an arrow pointing to the 'Notify' component in the rule configuration.
- TRIGGERS:** A section containing a 'Comparison' trigger. It is configured with 'Your smartphone' as the device, 'Battery' as the property, and '<= 25' as the condition.
- Notify Component:** A red circle with the number '2' is next to the 'Notify' component header. Below it, the 'TYPE' section has 'Email' selected with a checkmark. The 'TO' field is set to 'Me'.
- BODY:** A text area containing 'Your smartphone battery is running low'. A red circle with the number '4' is next to the text. A red circle with the number '3' is next to a '+' icon in the top right corner of the body area, with an arrow pointing to it.
- ACTIONS:** A section at the bottom with a 'CREATE RULE' button. A red circle with the number '5' is next to the button, with an arrow pointing to it.

# Rules overview

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The screenshot shows the Orange IoT platform interface. The browser address bar displays the URL `orange.allthingstalk.com/ground/R4o14kIBIZdFs9Wtqr2tvvaG/rules`. The top navigation bar is orange and contains the 'orange' logo, an 'UPGRADE' button, and icons for help, chat, and user profile. The left sidebar lists navigation options: Playground (selected), DEVICES, PULSE, PINBOARDS, GATEWAYS, MEMBERS, RULES (highlighted in red), and SETTINGS. The main content area features a '+ NEW RULE' button and a single rule card. The rule card has a trigger icon (smartphone battery) and an action icon (email), with the text 'Notify me by email depending on Your smartphone Battery state'. A toggle switch on the right of the rule card is currently turned on.

orange<sup>TM</sup>

UPGRADE

+ NEW RULE

Notify me by email depending on Your smartphone Battery state