

# Electric consumption project



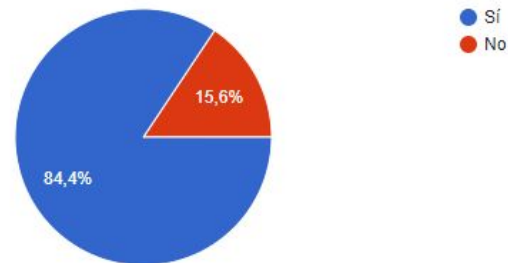
## Sprint 2

Sprint 1

# Analysis

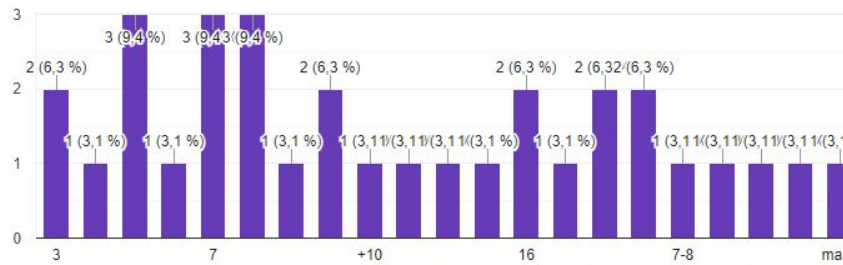
¿Cada que sales te preocupa dejar luces prendidas?

32 respuestas



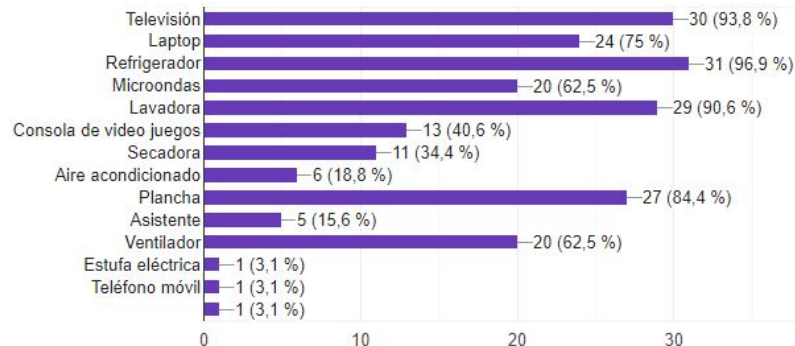
¿Cuántos aparatos electrónicos tienes?

32 respuestas



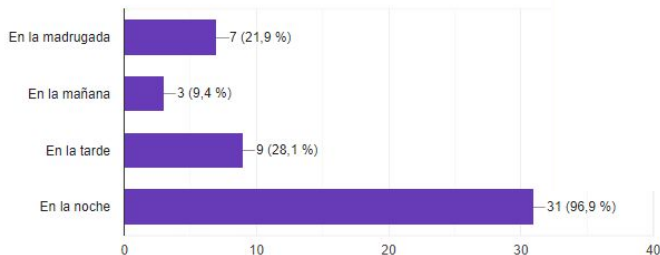
Selecciona lo que tienes:

32 respuestas

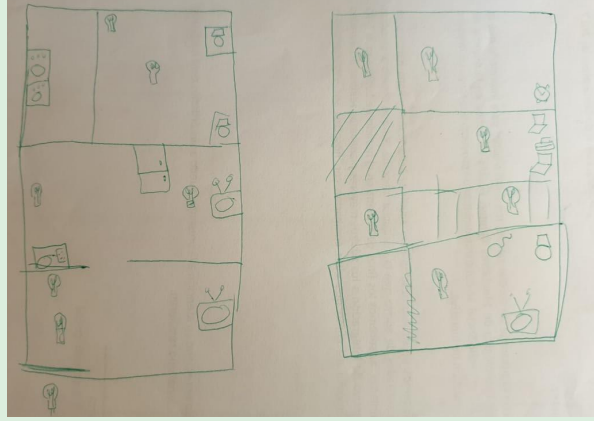
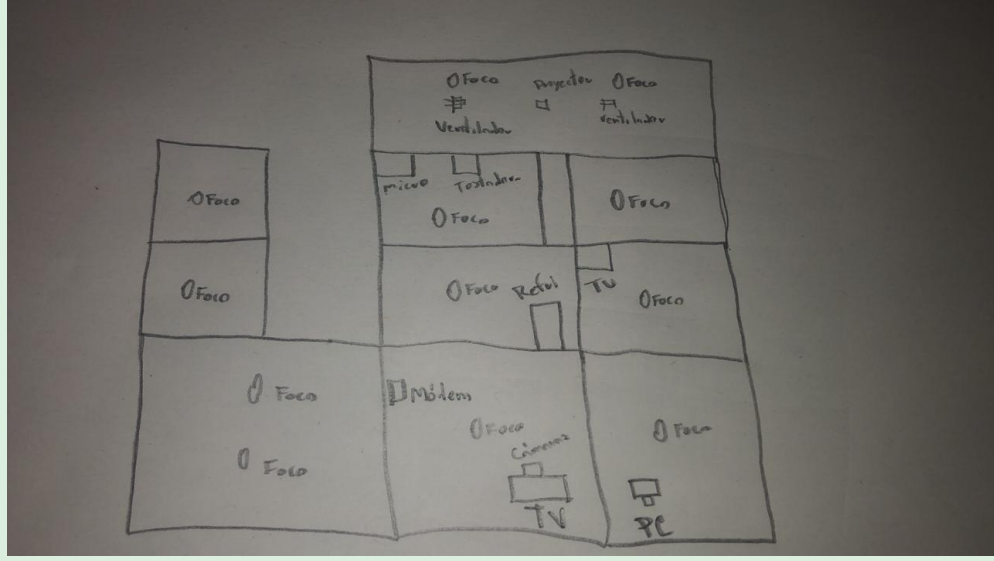


¿Cuánto tiempo usas tus focos?

32 respuestas



The floor plan shows a rectangular house layout. At the top is a large living area containing a television (TV) and a sofa. To the right of the living area is a kitchen equipped with a refrigerator and a sink. Below the kitchen is a bathroom with a toilet. To the left of the bathroom is a bedroom with a bed. A central hallway connects the living area, kitchen, bathroom, and bedroom. There are several closets: one in the living area, one in the bedroom, and one in the hallway. The drawing is done in black ink on a white background.



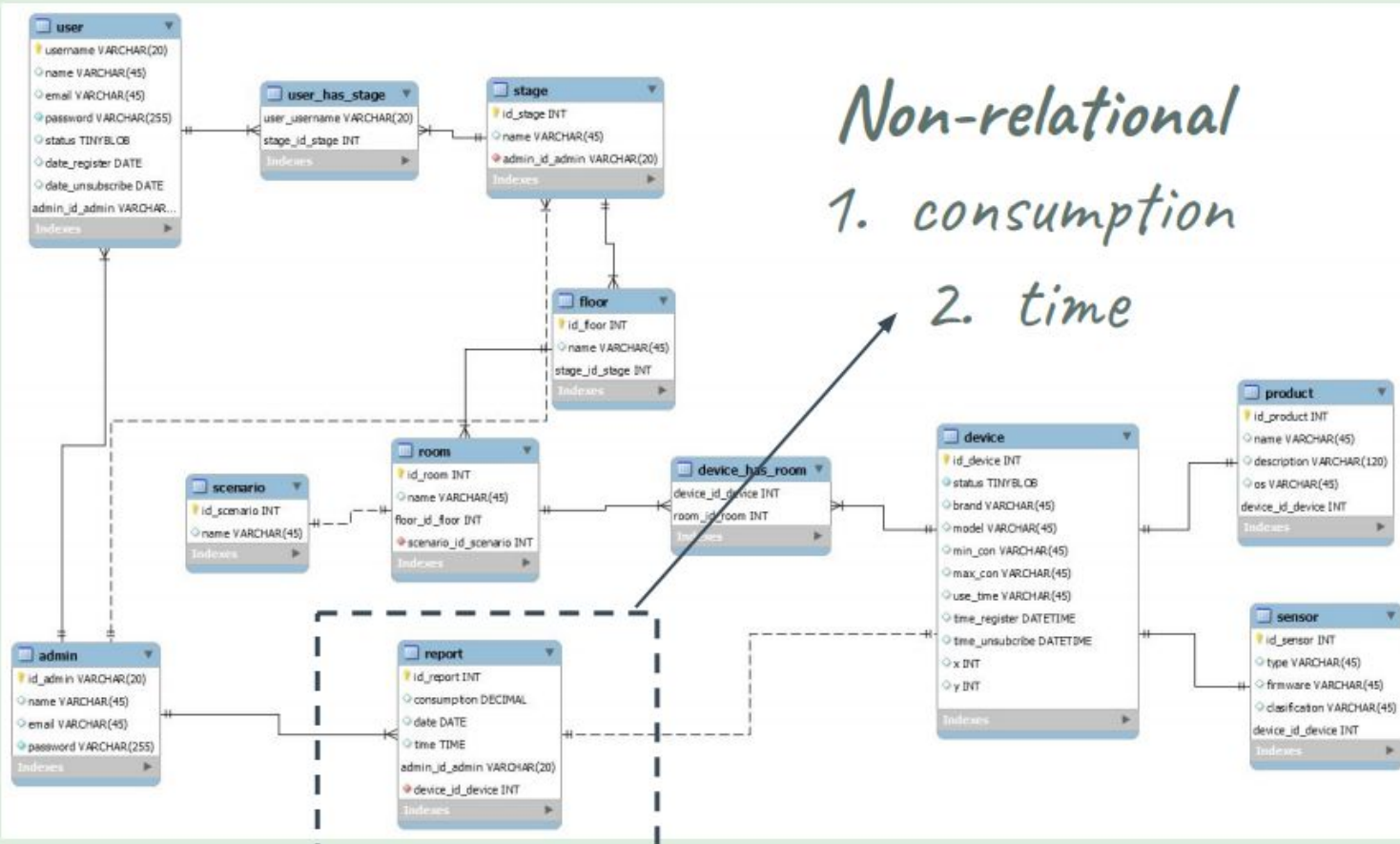
# Design

<https://balsamiq.cloud/s7tpyzs/pvvjfkp/rFA12>

# User satisfaction



# Backend



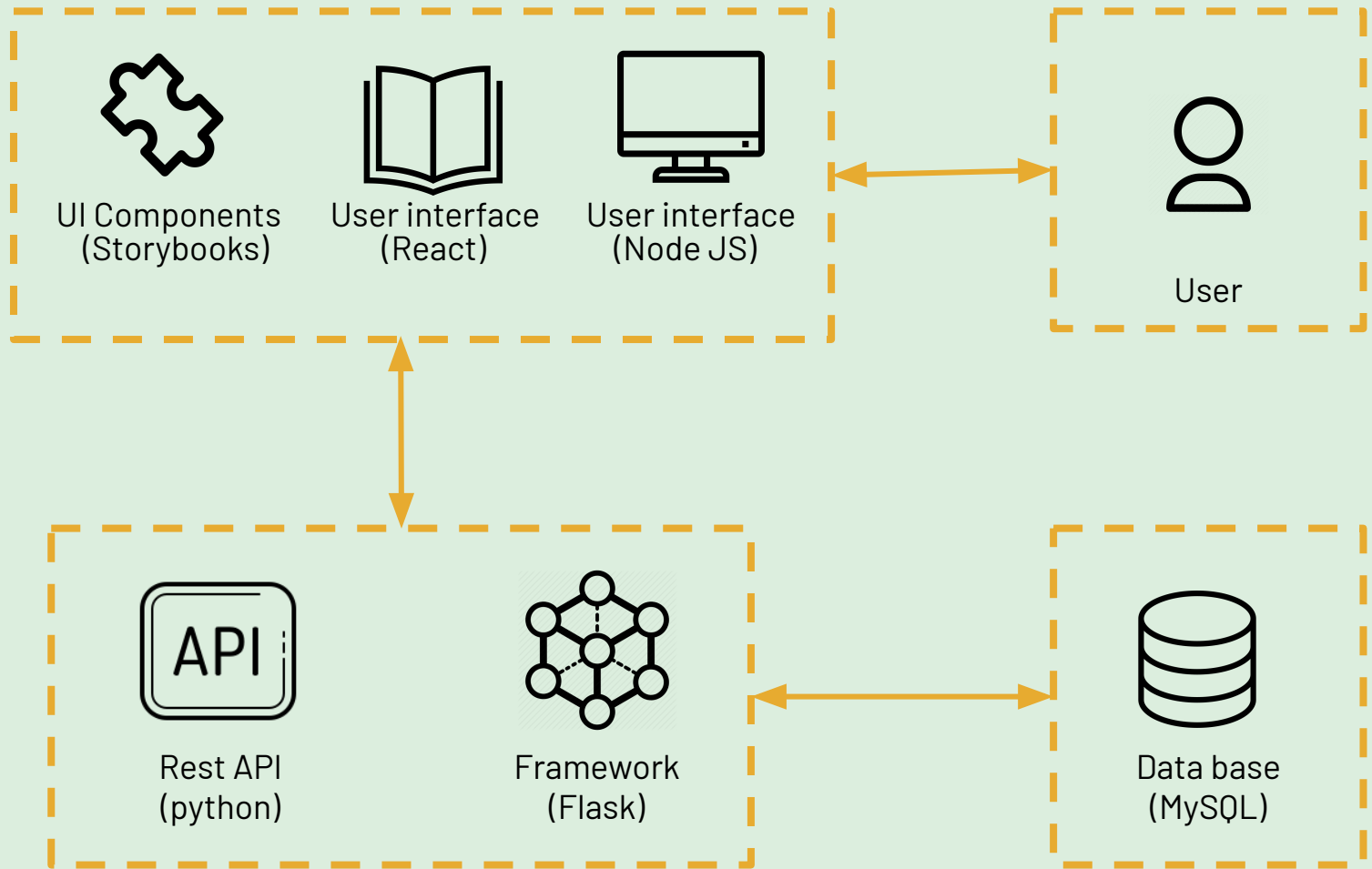
## Non-relational

1. consumption
2. time

# Sprint 2



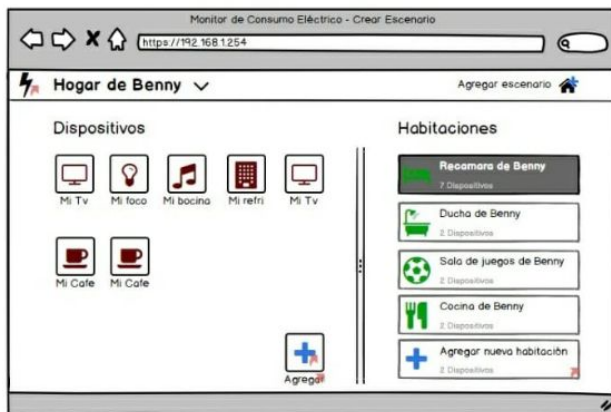
# System architecture



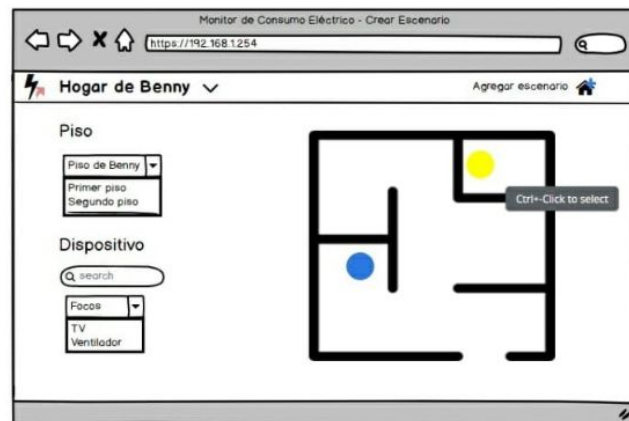
*Analysis*

# Test A/B



Opción A



Opción B




# Test A/B


 **Fer Enriquez** created a poll. 9 hrs • 

Es para un proyecto, les agradecería mucho que votaran 😊😊

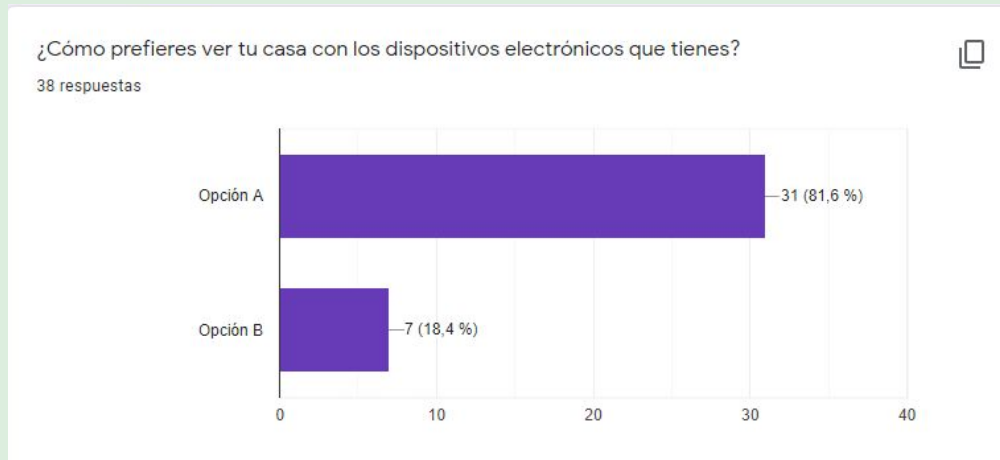
¿Cómo prefieres ver tu casa con los dispositivos electrónicos que tienes?

☒ **A**  
Added by you 

30 votes

☐ **B**  
Added by you 

6 votes



*Implementation*

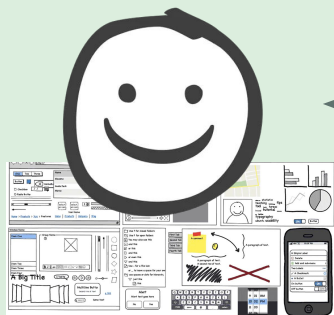
# Storybooks



**Storybook**

Build bulletproof UI components

Design



Layout, aesthetics,  
usability

Design System



UI Components

Frontend



Functionality,  
construction

# Components





# Components

Monitor de Consumo Eléctrico - Crear Escenario

https://192.168.1.254

## Añadir Dispositivo

Nombre de la Dispositivo:

\*

\* Tipo del Dispositivo:

<  Sensor  Portatil  TV  Cafetera  Luz >

**Añadir Dispositivo**

\* Campos obligatorios

*Handwritten annotations:*

- Form (pointing to the main form area)
- exit button (pointing to the red X icon in the top right corner)
- input text (pointing to the text input field for the device name)
- search bar (pointing to the search input field for the device type)
- list of devices (pointing to the list of device icons: Sensor, Portatil, TV, Cafetera, Luz)
- button (pointing to the green 'Añadir Dispositivo' button)

# Storybook

Storybook 5.3.18 started

1.48 min for manager and 1.45 min for preview

Local: <http://localhost:9009/>

On your network: <http://192.168.56.1:9009/>

*Testing*

# Heuristic Evaluation



Visibility of  
System Status

1



Match Between  
System & Real World

2



User Control  
And Freedom

3



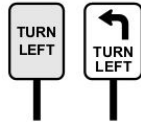
Consistency  
And Standards

4



Error  
Prevention

5



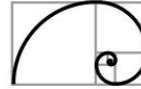
Recognition  
Rather Than Recall

6



Flexibility And  
Efficiency of Use

7



Aesthetic And  
Minimalistic Design

8



Help Users  
With Errors

9



Help And  
Documentation

10

# What's next?

- Create all components on Story book
  - Homepage
  - Stage
  - Floor/Room
  - Device
  - Reports
- Test components
  - Testing with storybook
  - Testing with users
  - Evaluation with heuristic

*Thanks!*