Phase-1 – Required Adjustments & Additions (Clarification Document)

Below is a clear list of changes and additions we would like to align on **before any source code or server access is shared**. These items are **within the existing Phase-1 scope** and are intended to finalize the configurator logic and UI properly.

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1) Thermostat Button Configuration (Correction)

In the current demo of the web application, the **thermostat has been implemented with 12 buttons**.
This is not correct.

The thermostat must support **a maximum of 8 buttons only**, arranged as **4 + 4 vertically**.
These buttons should remain **editable/configurable**, but the total number **must not exceed 8**.
A 12-button thermostat configuration is **not valid** and should be removed.

Note: This does not apply to our Pblock Thermostat models. Pblock Thermostat supports up to 12 buttons. Explained more in-depth below, please check the 3rd header.

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2) UI Structure & Product Category Layout (Completion + Redesign)
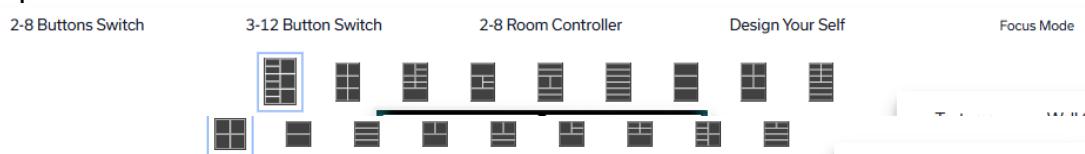
We would like to request both **UI completion and restructuring**, as the current demo feels visually and structurally incomplete.

At the moment, product categories are presented as simple layouts such as:

- 2×4
- 2×6
- 2×8
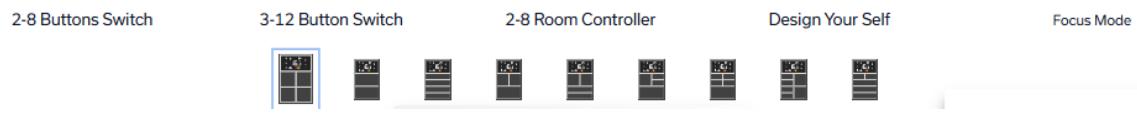
Instead, we want the UI to follow the **original designer structure**.
Example 1:

Example 3:

As shown in the **reference screenshots shared**, product categories should be clearly organized, for example as:

- Dora Keypad

- Dora XLarge

- Dora Thermostat

- Pblock

This can be implemented as:

- Clear sub-product headings (as shown in the screenshots), **or**

- A full integration of the reference designer layout, **or**

- A custom UI design proposed by you, **as long as it provides the same clarity and completeness**

However, the current grid-only presentation is **not sufficient** and needs to be redesigned to match the original configurator experience.

3) New Product Inclusion – Pblock
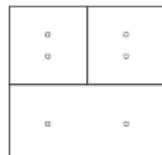
Ürün Modelleri / Product Models
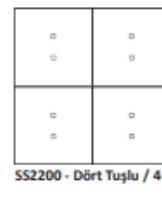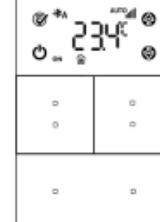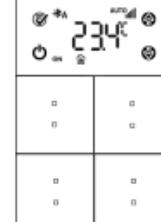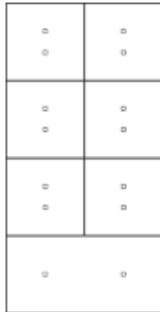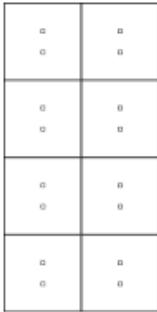
Our **new product, Pblock**, must be included in the same product selection menu.

We have already shared **screenshots showing the product details**, and if required, we can also provide a **more detailed datasheet**.

Please note that each dot you see on the blocks indicate the button count in this very specific model series. This does not apply to our Dora series

Pblock should be treated as a first-class product alongside:

- Dora Keypad
- Dora XLarge
- Dora Thermostat

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4) Product Code Generation in PDF Output (Critical)

Including **product coding in the PDF output is extremely important**.

The product code is generated based on the button and display configuration, using the following logic:

- If there is a **display**, the code starts with **"D"**

- If there is **no display**:

    o A row with **1 button** → **"1"**

    o A row with **2 buttons** → **"2"**

   o A row with **no buttons** → **"0"**
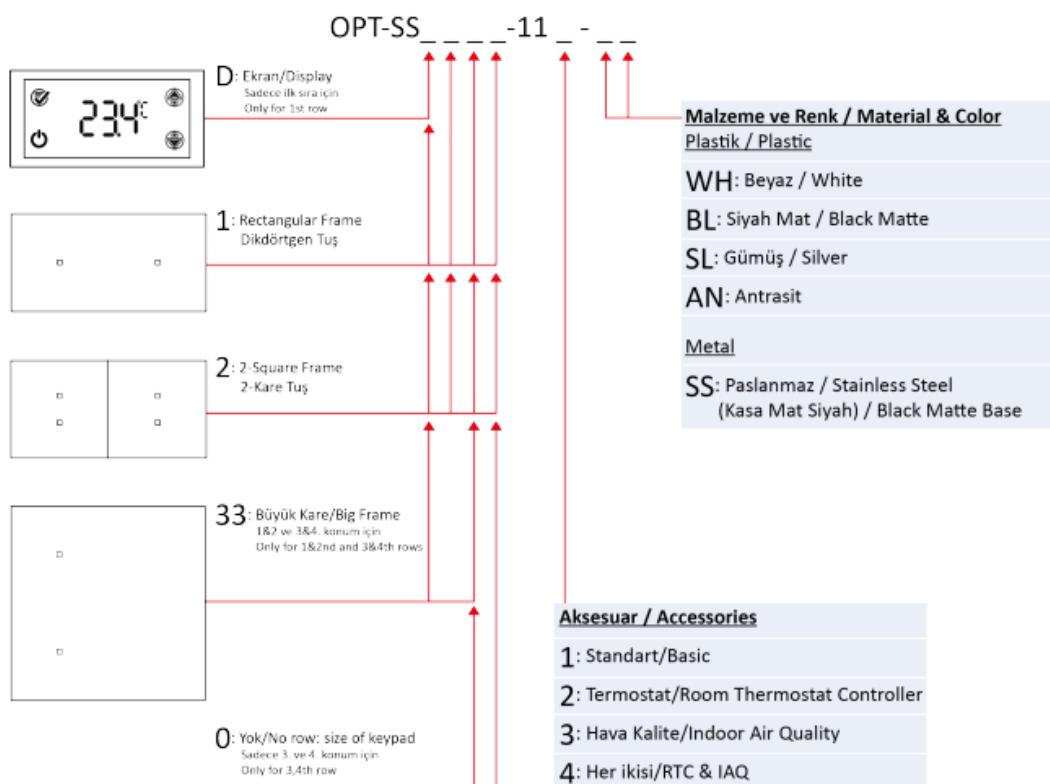
Example with display:

- Display + first row: 2 buttons

- Second row: 1 button

- Third row: no button
  → **D210**

Example without display:

- Row layout: 2 buttons / 1 button / 2 buttons / 1 button
  → **2121**

Reference Screenshot:

Please note that the screenshot is provided only as a visual reference to demonstrate the logic and its variations based on user preferences, and does not apply to our product's coding implementation.

A separate **Excel file** with the valid **coding rules** for our Pblock model will be shared. The screenshot above is intended to cover **the core logic**, while edge cases or custom scenarios may require **additional implementation.**

An example for our model coding impelementation:
MM2-PB-D221-114-1RS

Important note:

MM1 -) For metal material products

MM2 -) For plastic material products

These codes **must appear in the PDF output**.

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5) Color Codes in PDF Output (Mandatory)

It is also **critical that the PDF output explicitly lists the selected colors**.

While colors are visible visually, this is **not always reliable**, especially if:

- The PDF is viewed on different screens
- The visual render is slightly incorrect

To prevent **wrong product manufacturing or delivery**, the PDF must include:

- Explicit color names / color codes
- Mapped to the selected buttons, frame, and components

These color details must be **written clearly in the PDF** (in the product coding mentioned above), not only shown visually.

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6) Button Backlighting (Visual Accuracy)

As discussed earlier, the **backlighting behind the buttons** (left and right sides in our Dora series, directly behind the buttons in our Pblock series) is an important visual detail for realism.

This backlight effect exists in the original products and should be implemented for accurate representation.

This is a small detail, but **visually very important**, and should be included.

Notes

- All points above are **within Phase-1**

- No deployment to the live website is requested at this stage

If needed, we are happy to review all items together in an online call.