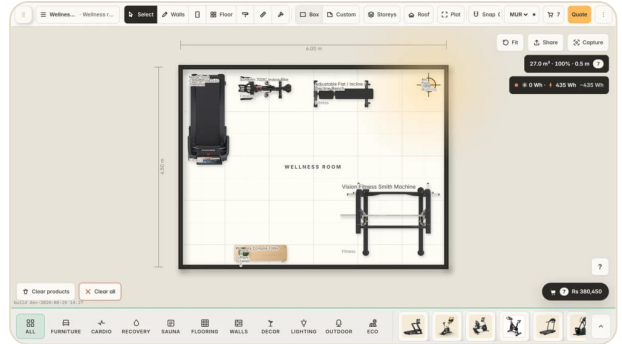




A customer draws their room, drops your real products in to scale, and reaches your checkout with the whole room priced.

Floor by the tile, walls by the tin, rooftop solar against the Mauritius sun — every number from the product's own data sheet and price. Desktop and phone. Built and live now.



STEP 1

Draw the room

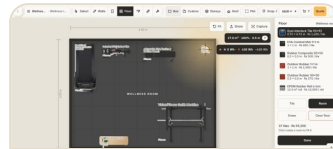
Walls lock straight, lengths read out as you draw. Doors and windows sit on the walls at trade widths. Rooms attach side by side; storeys and a roof on top.



STEP 2

Place products to scale

Each product is its data-sheet length × width, drawn at 100 px per metre from a top-down image of your photo. Pieces snap flush to walls, front edge facing in, and never overlap.



STEP 3

Floor and paint

Tiles lay on a lattice and are counted — whole, cut and a 10 % offcut. Paint is litres from the painted wall area, then the cheapest set of whole tins.



STEP 4

Roof, solar, basket

Panels on the drawn roof, daily generation against what the placed appliances draw. Products, tiles and tins land in one basket in rupees.

HOW IT CALCULATES — THE SAME FORMULAS THE APP RUNS

Paint — tins, not guesses

Painted wall length × wall height, minus doors (0.838 × 2.04 m) and windows (1.2 × 1.2 m). Litres = area × coats ÷ coverage. Then the cheapest combination of whole tins.

$$16 \text{ m} \times 2.7 \text{ m} - 1 \text{ door} - 2 \text{ windows} = 38.6 \text{ m}^2$$
$$38.6 \times 2 \text{ coats} \div 9 \text{ m}^2/\text{L} = 8.6 \text{ L}$$

2 × 5 L · Rs 1,520

Permoglaze Matt Emulsion, Sofap store prices · 9 m²/L · 2 coats

Floor — tiles laid on a lattice

Tiles never overlap and always line up. The count is whole tiles + tiles cut at the walls + a 10 % allowance on the cut tiles.

$$6 \times 4.5 \text{ m room} \cdot 92 \times 92 \text{ cm interlock}$$
$$\text{whole} + \text{cut} + \text{ceil}(\text{cut} \times 0.10)$$

37 tiles · Rs 59,200

Gym Interlock 0.92 m at the merchant's price per tile

Solar — the daily balance

Generation = watts-peak × sun-hours × performance ratio. Sun-hours for Tamarin at 20° north = 5.17; PR 0.775 (PVGIS 5.3, SARAH3 2005–2023). Use = ∑ appliance watts × hours.

$$1 \times 475 \text{ Wp} \times 5.17 \times 0.775 = 1.9 \text{ kWh/day}$$

vs fridge + TV + AC hours placed

Surplus or shortfall per day

36-row sourced appliance table; merchant wattage where published

What the merchant runs

- **Your catalogue, your prices.** Add, edit, price, image and remove products in a back end — no developer. We convert each photo + dimensions into a to-scale piece.
- **The customer's design is the order.** Products, floor lines and paint lines reach your checkout, or you as a costed plan with a quote request.
- **Links today, embeds once allow-listed.** Hosted by PPW; live on your pages when your domain is added.
- **Prices kept current** under the care plan; catalogue and customer designs stay yours.

Tailored to you

- **Furniture / appliances:** furnish the whole room, check out the set.
- **Tiles, paint, DIY:** box counts and tin counts the customer trusts.
- **Solar:** the customer's own roof, the day's energy, the kit in the basket.
- **Developers:** a buyer furnishes their off-plan unit at the sales gallery.
- **Wellness / gyms / hotels:** treatment rooms and gyms with the equipment to scale.

See it, try the maths, watch the walkthrough ppw-room-designer-demo.vercel.app

Use the live tool now designer.ppwelness.co/designer

Book a 45-minute walkthrough (Google Meet) calendly.com/victorcassius-office/room-designer-45-min-walkthrough

Send us three product pages
we place them in a room before the call



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