



SOLARTRADE

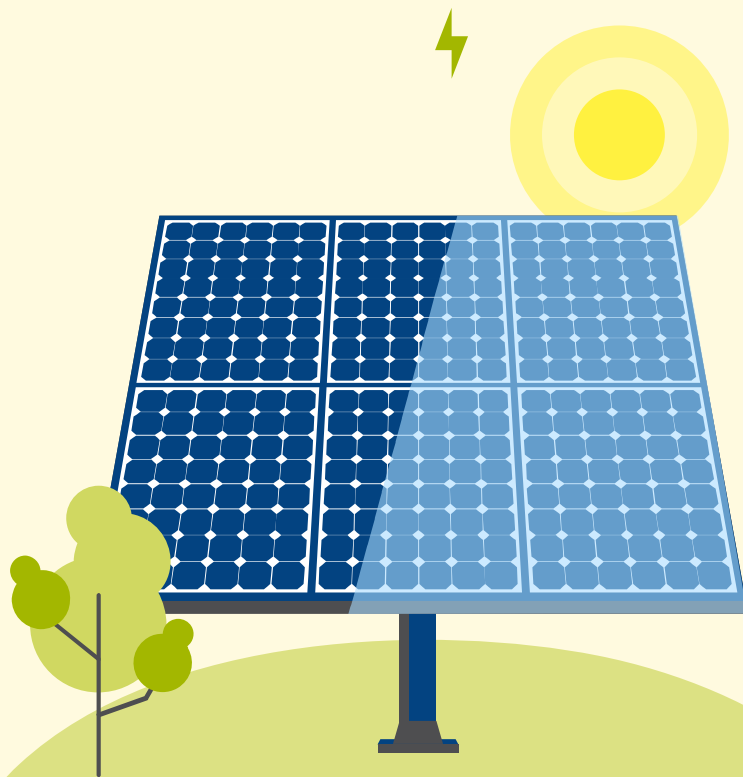


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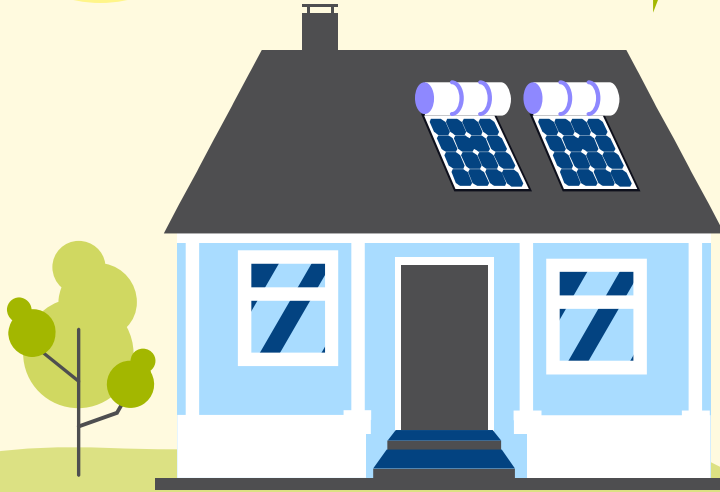
**Heuristic Evaluation and
Corrections Performed**





01

Description





What is SolarTrade?

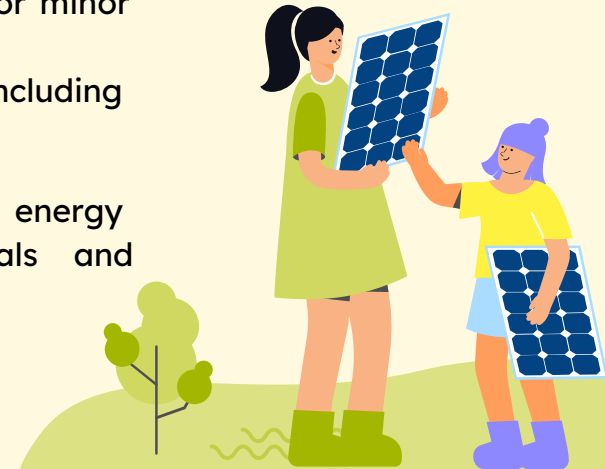


SolarTrade is a Mobile App that empowers users to efficiently manage and optimize their solar panel systems.

Key features include:

- **Real-Time Monitoring & Energy Reports:** Track energy production and consumption seamlessly.
- **Auto-Repair Functionality:** Utilize embedded robots for minor repairs.
- **Energy Sales:** Sell excess energy to the grid, including international markets.

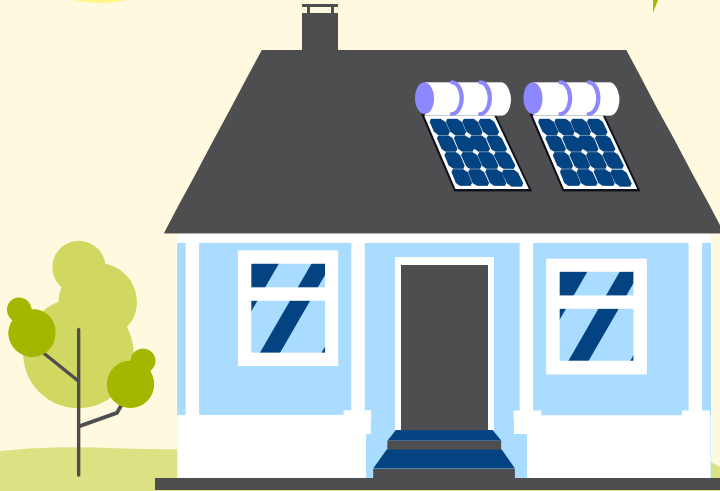
SolarTrade offers an innovative solution for efficient solar energy management, enabling sustainable living for individuals and businesses.



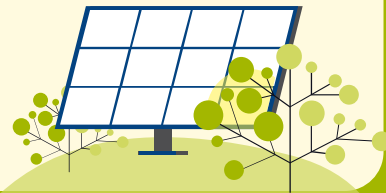
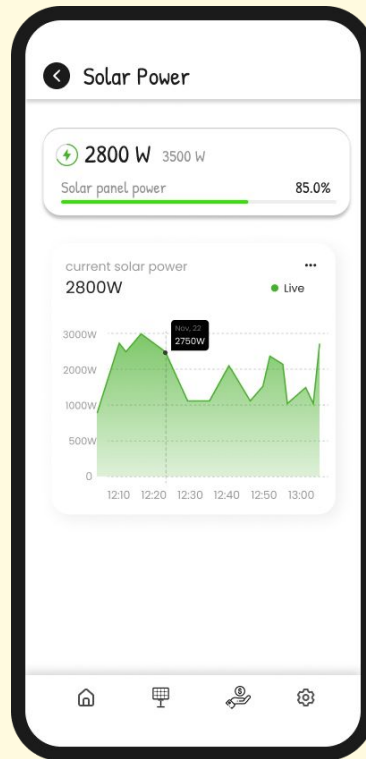
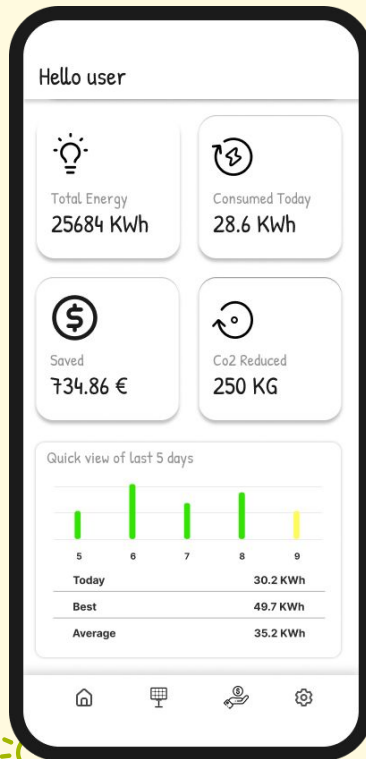
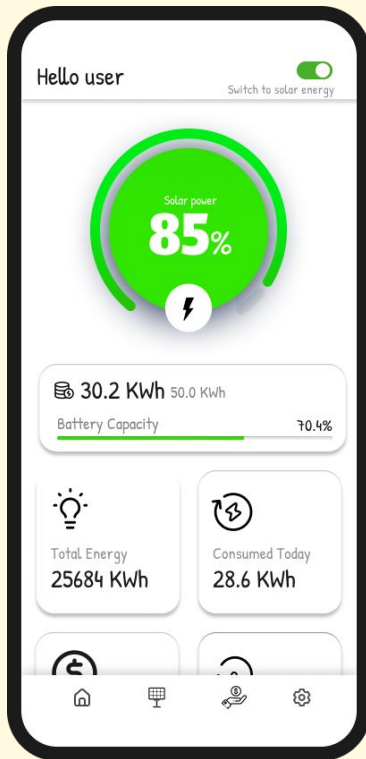


02

Prototype's Wireflow



Home Screen



My Panels

My Panels (5)

Repair All Problems

Panel 1

Panel 2

Panel 3

Panel 4

Panel 5

Panel 6

< Panel 5 (3)

Working

Model	EDX345
Production Today	1.2 kW
Last Repair Date	03/04/2025

Remove Panel 5

< Panel 5 (3)

Repairing

Model	EDX345
Production Today	1.2 kW
Last Repair Date	03/04/2025

05 min 56 sec left

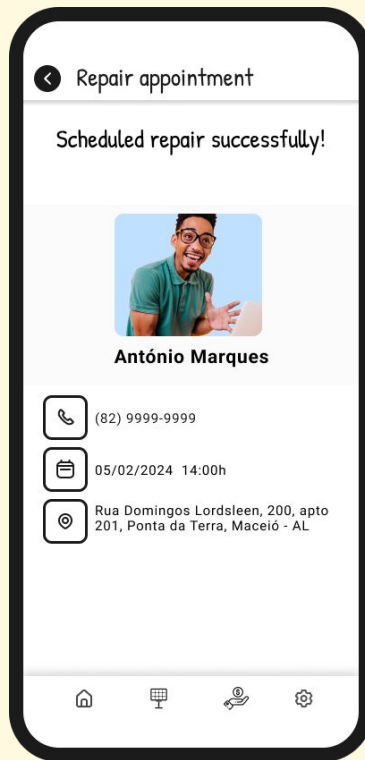
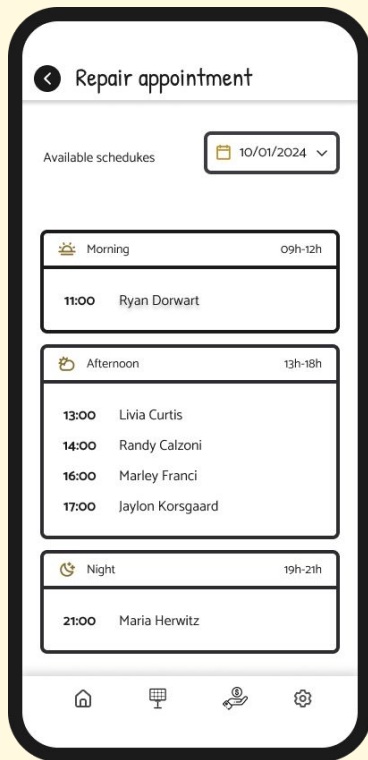
< Tutorial

Click on **yellow** circles to start automatic repairs

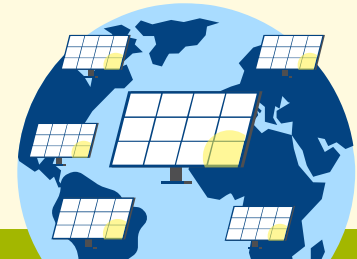
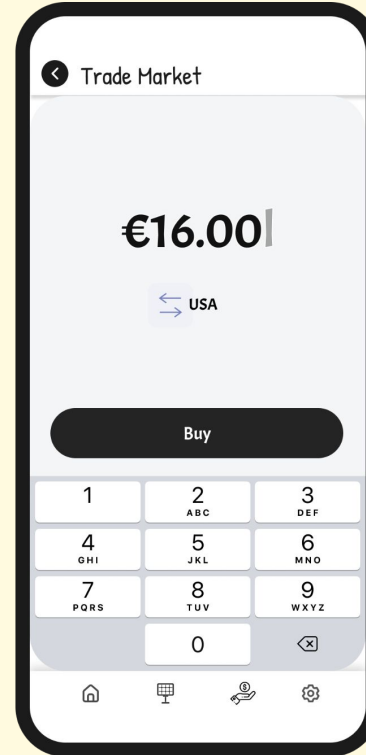
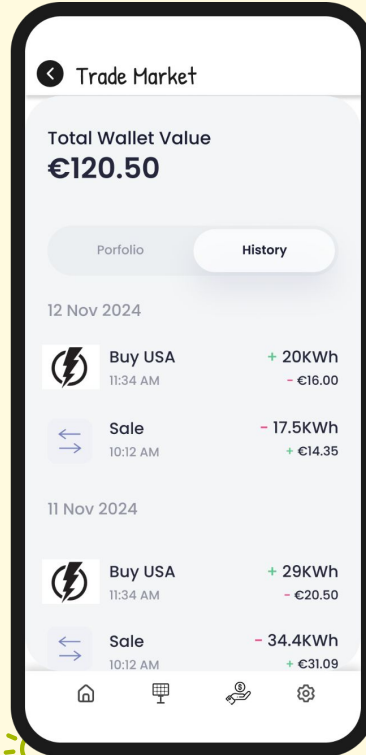
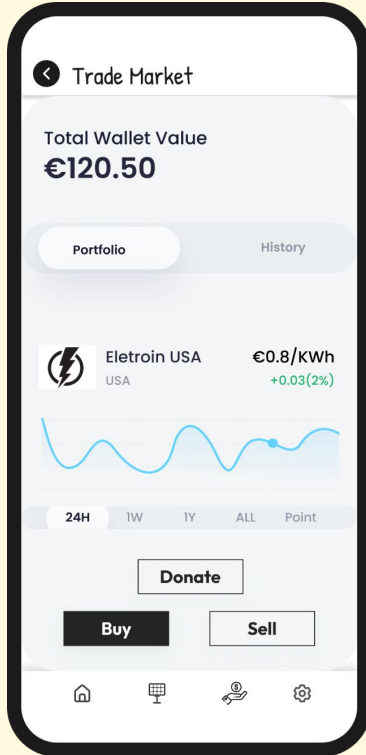
Click on **red** circles to schedule repairs

Got it!!!

My Panels

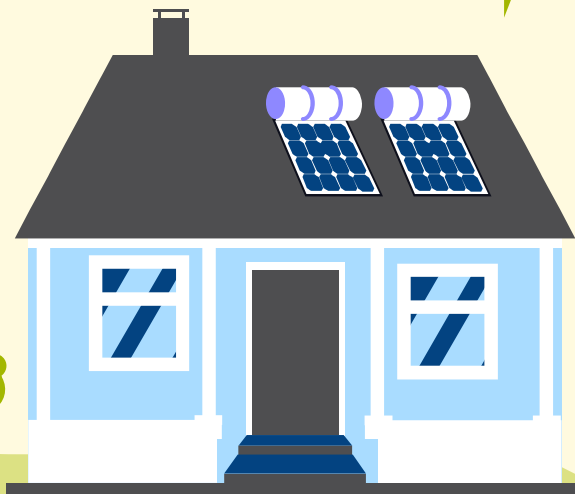


Trade Market



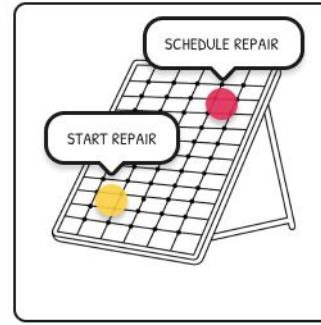
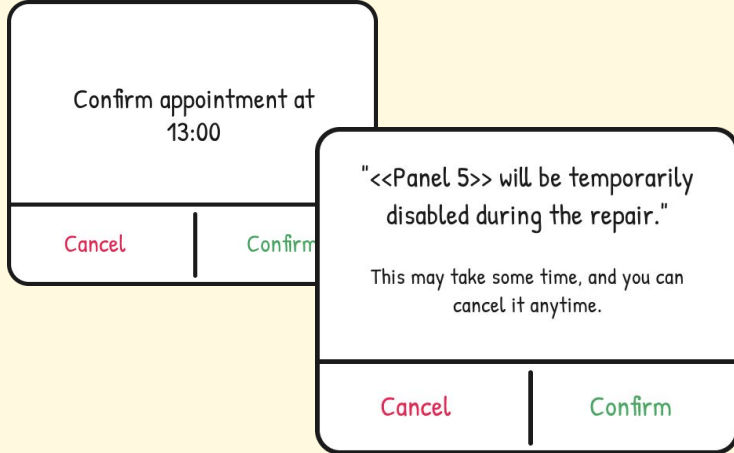
03

Heuristic Evaluation & Corrections Performed



1. Adding a “Confirm” / “Are you sure” pop ups to some actions

Accidental clicks on actions like buying stocks or scheduling repairs can lead to mistakes. Adding confirmation pop-ups ensures users can review their choices before proceeding



Click on **yellow** circles to start automatic repairs



Click on **red** circles to schedule repairs

Got it!!!

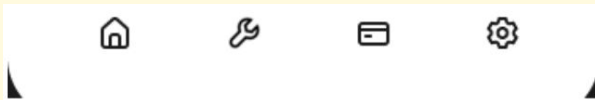
2. Adding a mini tutorial to let the new user know how to make the repairs

The repair process can be confusing for new users. A mini-tutorial simplifies this with step-by-step instructions, ensuring an intuitive experience.

3. Changing icons to better “idea association”

Initially, footer icons caused confusion. We updated them for better **clarity** and **association**.

BEFORE



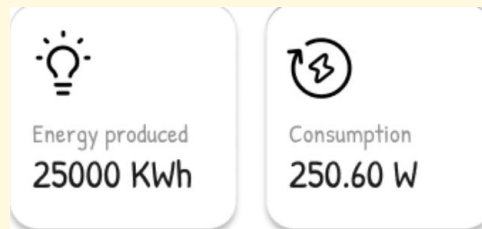
AFTER



4. Using the metric for measurements

To ensure **consistency**, all energy production and consumption metrics are displayed in KWh.

BEFORE



AFTER



5. Adding a remove button for the panels

Add a remove button for panels, allowing users to easily delete or remove panels from their setup.

Model	EDX345
Production Today	1.2 kW
Last Repair Date	03/04/2025

Remove Panel 5

My Panels (5)



Repair All Problems

6. Adding a Repair All Problems button

Add a 'Repair All Problems' button that automatically detects and fixes any small issues (yellow circles) with the panels, ensuring optimal performance with **one click**.



Thanks!

Do you have any questions?

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