myhome

POWER OUTLET

BLUETOOTH HOME SYSTEMS

Make your home of a smart home

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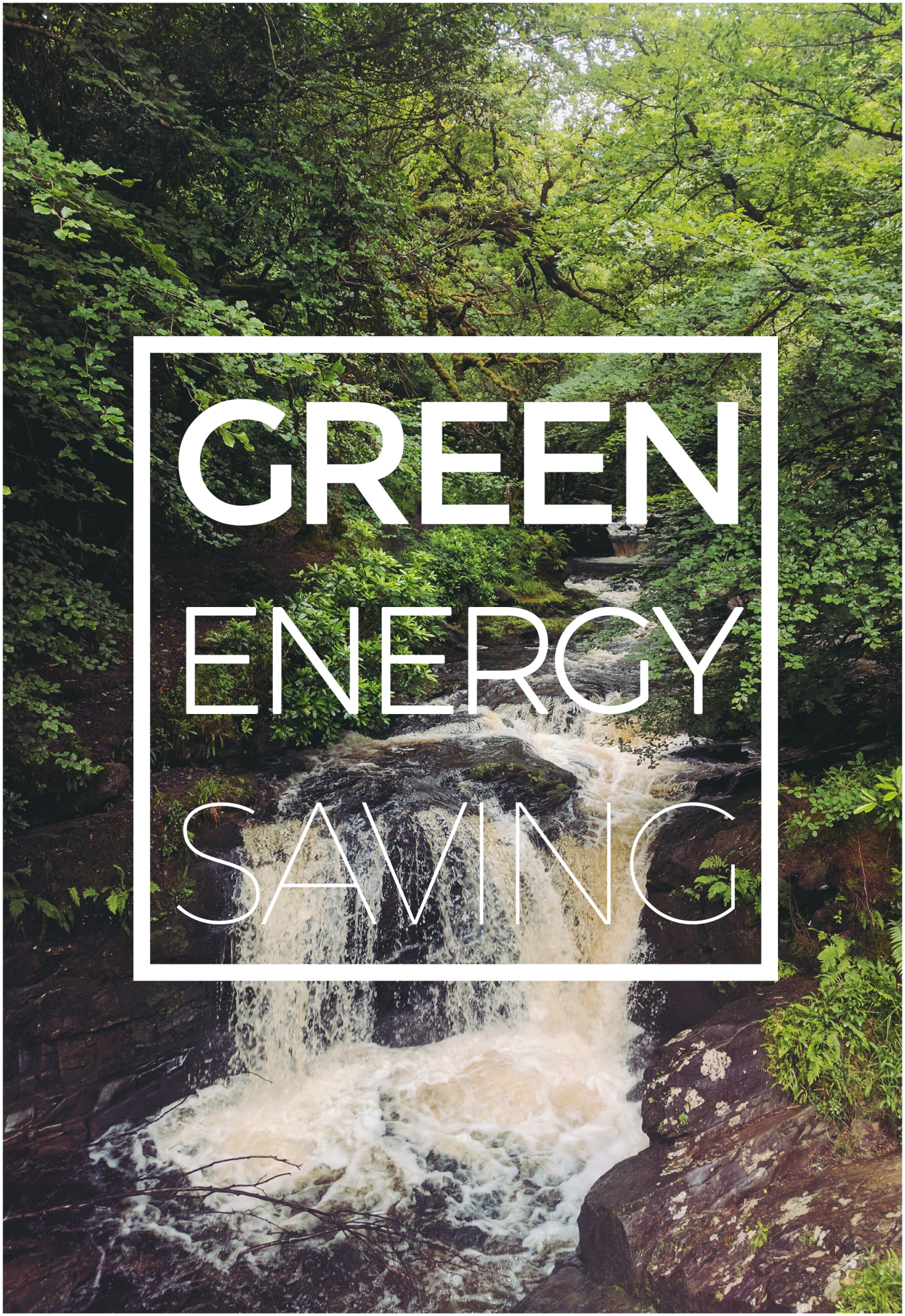

GREEN
ENERGY
SAVING

A

modern

TOUCH

Abstract - Our technology can harness the power of bluetooth, to control all electrical outlets monitored on your smartphone. Myhome is revolutionary energy monitoring socket capable of learning your home. imagine a home that adapts to you, we have been working hard on creating software that will recommend schedules and and provide feedback on power conservation.

Future Conscious

The importance of monitoring power usage is ever growing around the world due to the increasing availability and affordability of electrical appliances. MyHome aims to reduce your carbon footprint by transforming your home into a smart and energy efficient home.

USES


LIVING ROOM


BED ROOM


BATH ROOM


KITCHEN

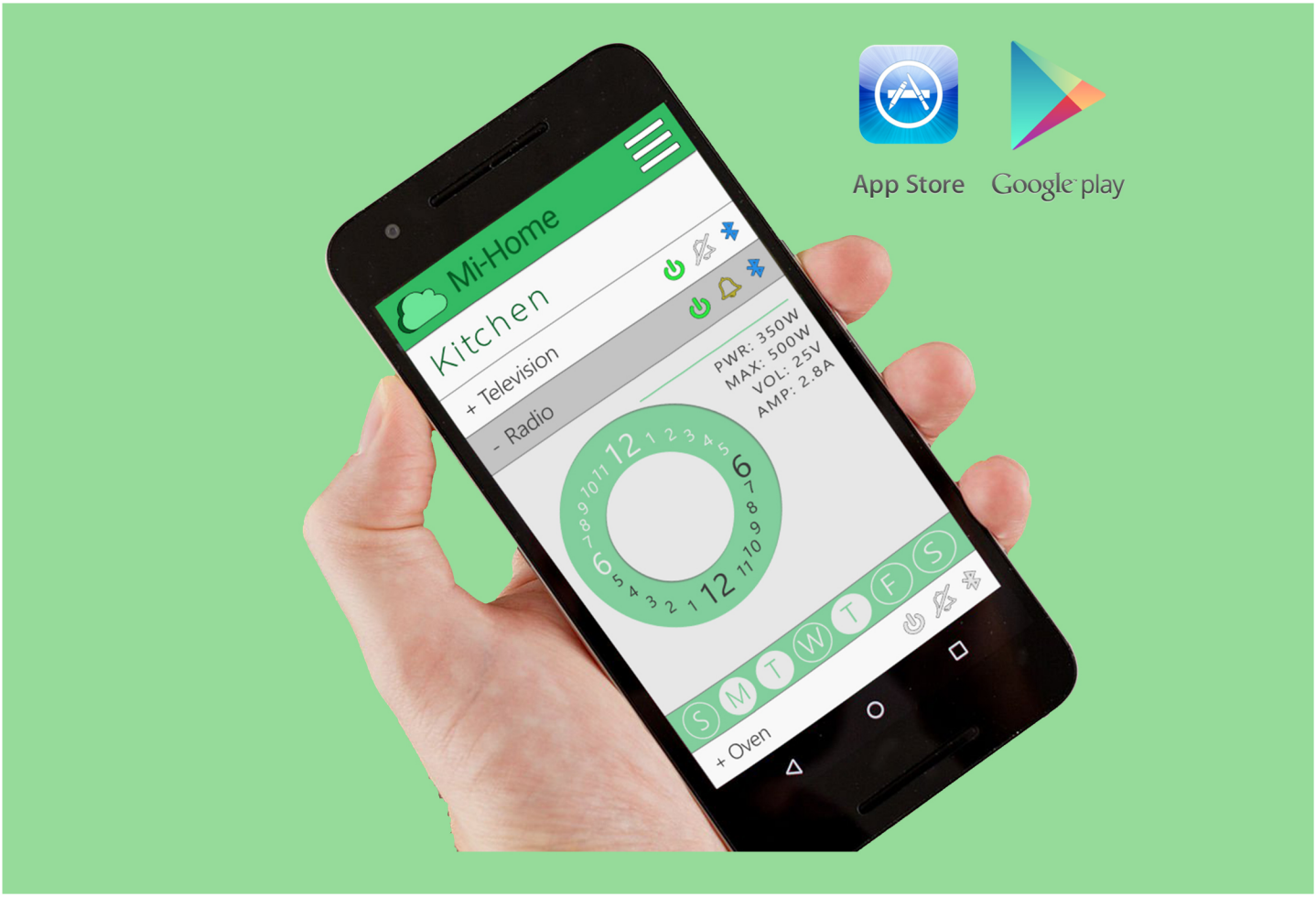

GARAGE


UTILITY ROOM


WORKPLACE


GYM

Interaction



Our technology will fit inside conventional wall sockets allowing for an easy installation in all U.K. homes. Therefore, all products plugged in will be recorded and their power usage logged.

MyHome can adapt to all lifestyles and uses. Using specially design algorithms, we provide suggestions on energy conservation for certain products by comparing the home owner's usage and the usage of other home owners.

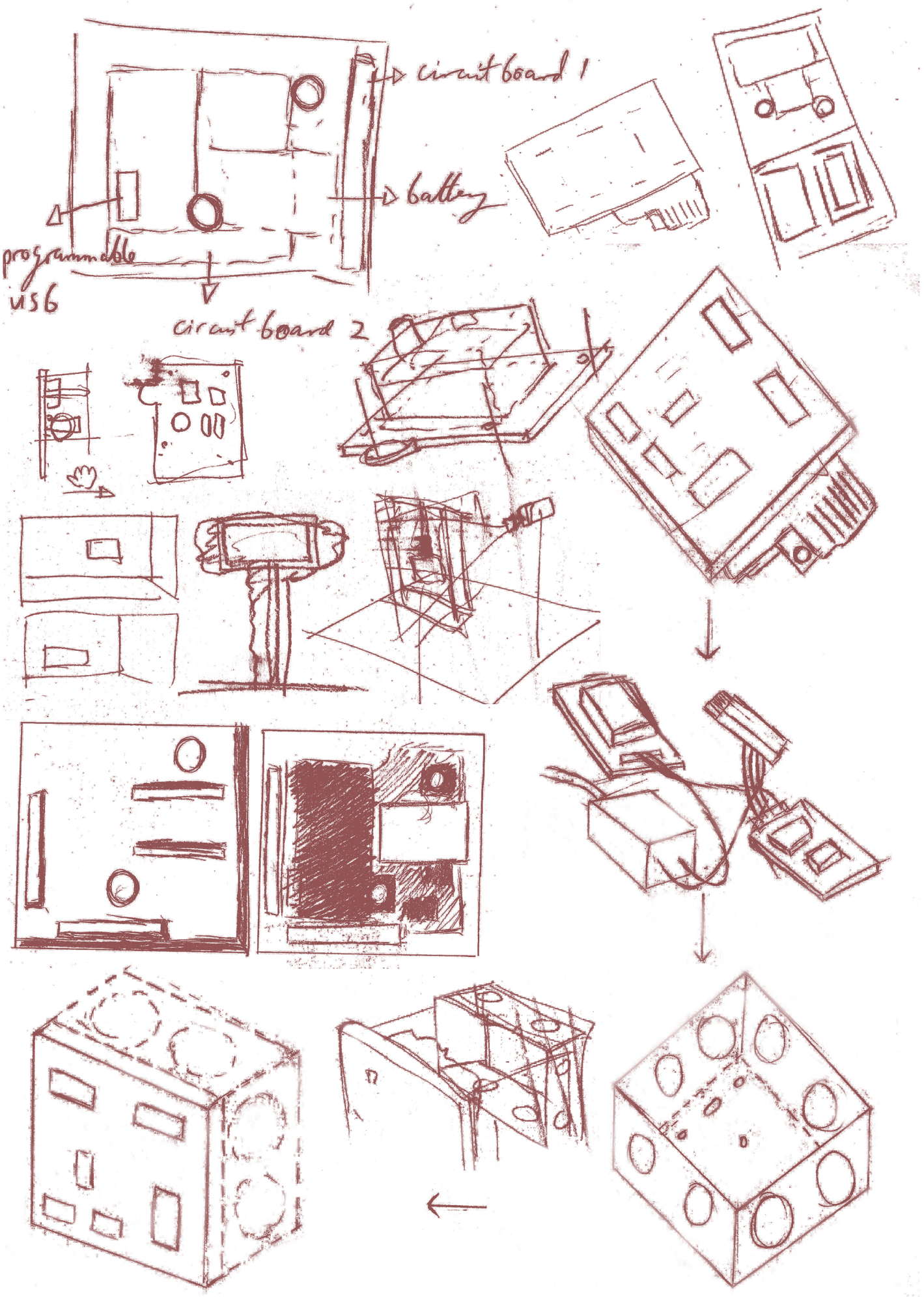
Education

The Arduino Bluetooth board provides access to our socket readings from mobile devices.

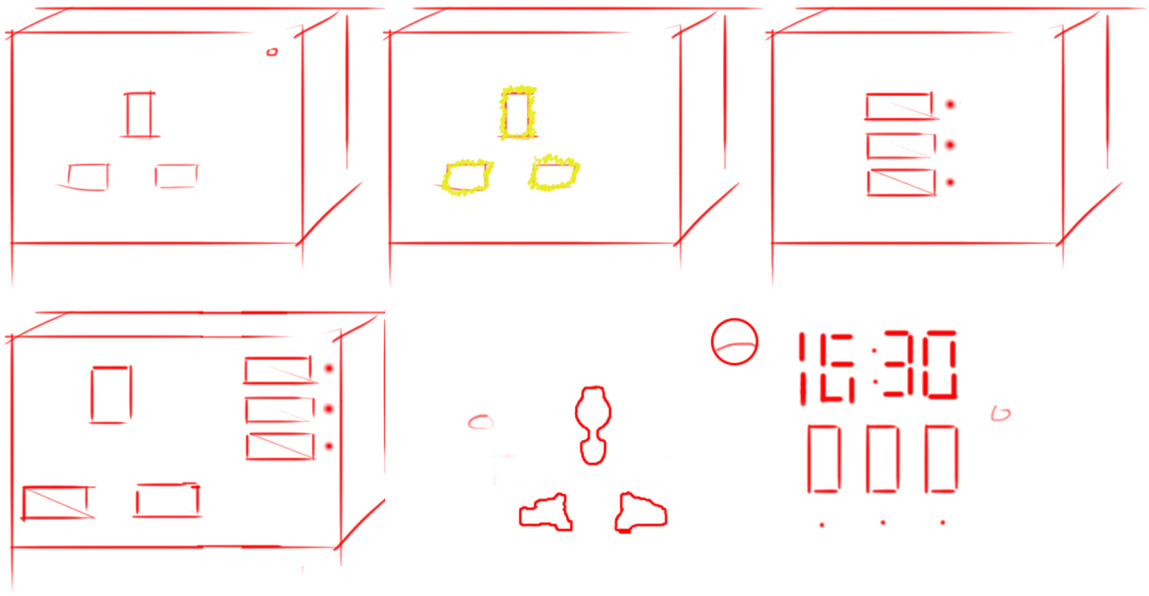
Arduino's growing use in education and cost efficiency means that technical minded consumers will be able to develop their own code to enhance their MyHome.

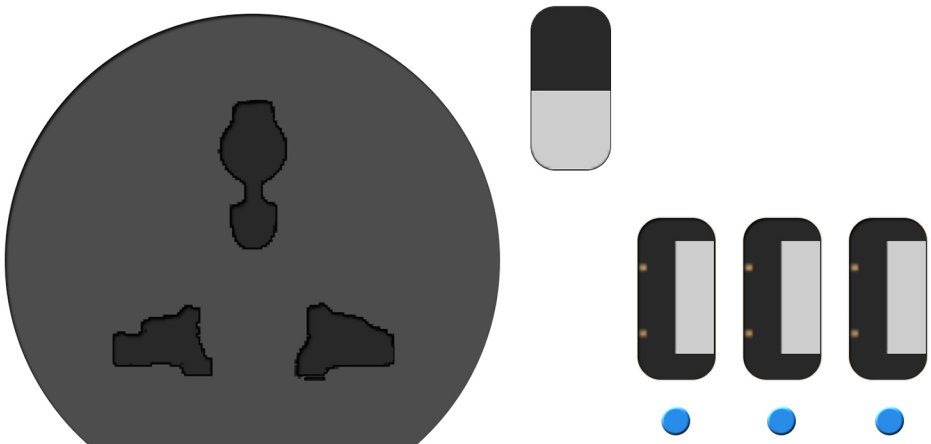
Students can be taught programming at different levels and visually see how their code can turn on and off appliances.

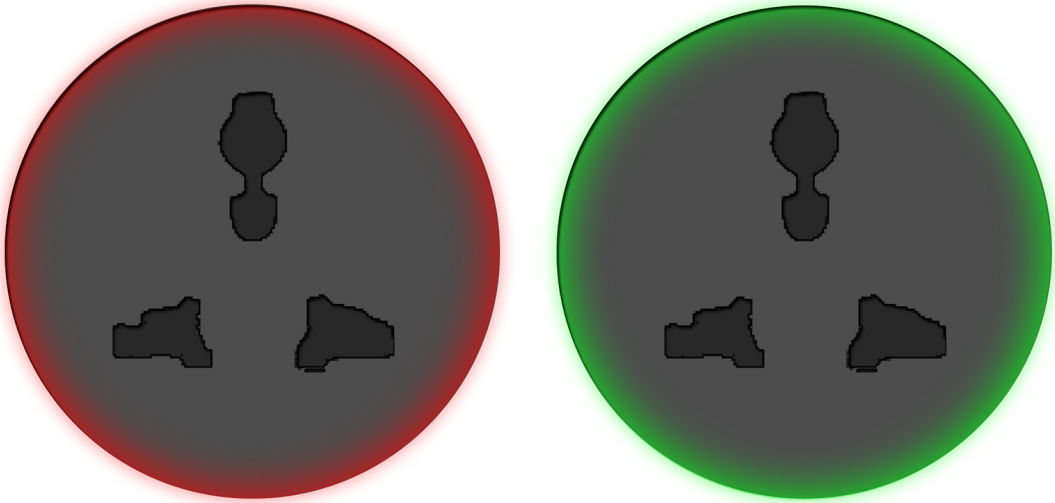
Concept



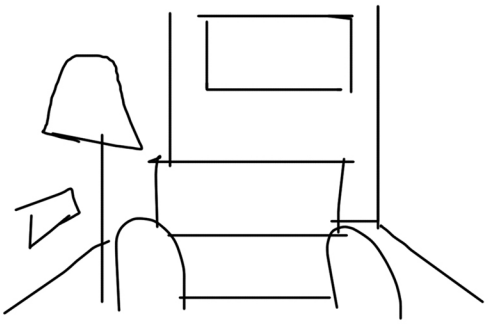
Concept





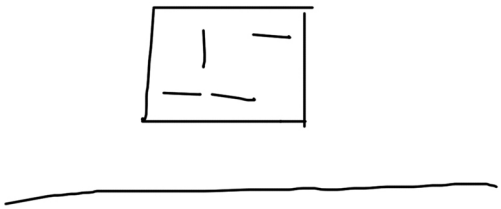


Storyboard



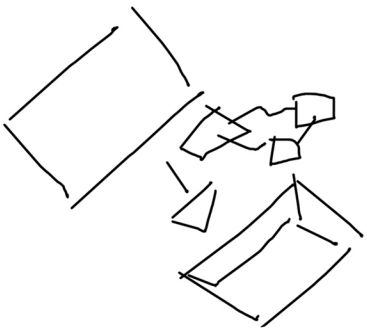
Camera: Pan & zoom
Location: Multiple rooms in modern homes

Camera: Pan out
Display: Person interacting with app

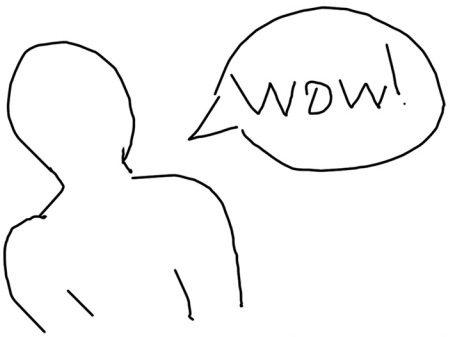


Camera: Pan across
Display: Product in wall

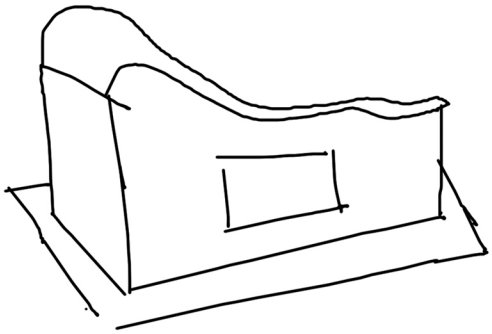
Display: Company logo



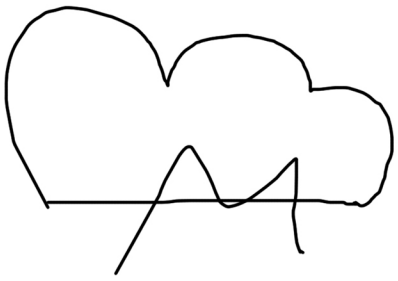
Camera: Pan out
Display: Explode Product, detail parts



Display: Interview people, Describe key features.



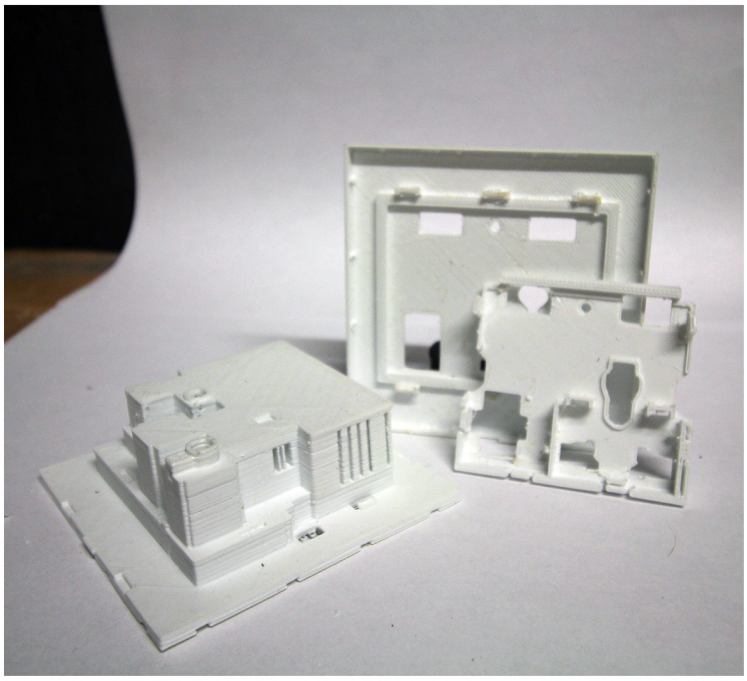
Camera: Pan & zoom
Display: Cross section of wall. Full Product

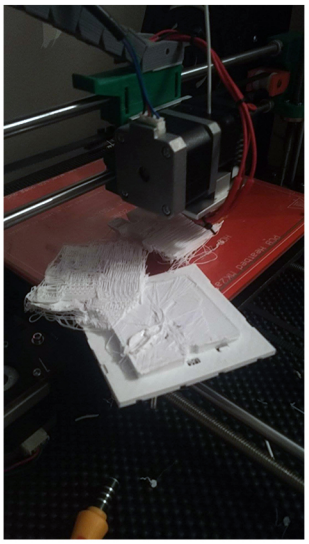


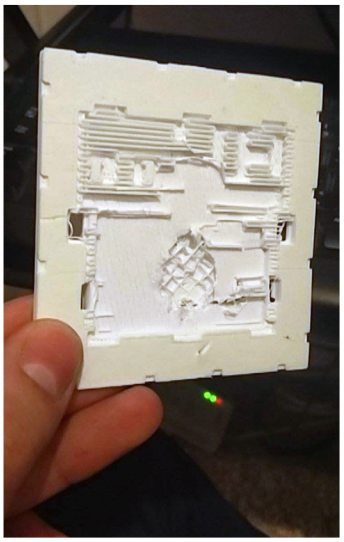
Display: Company Logo, fade out

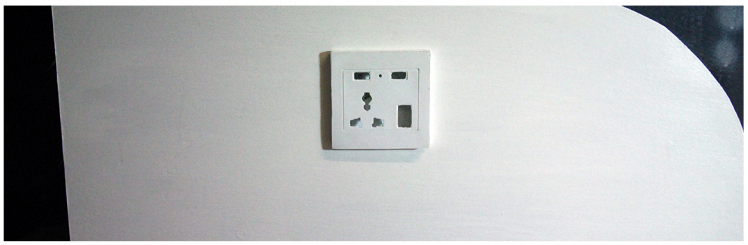
Prototype

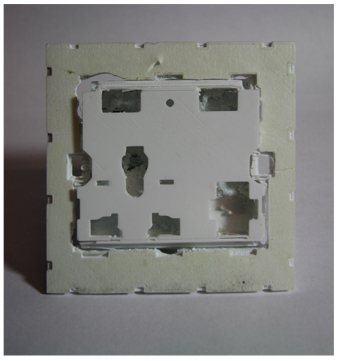
Prototype

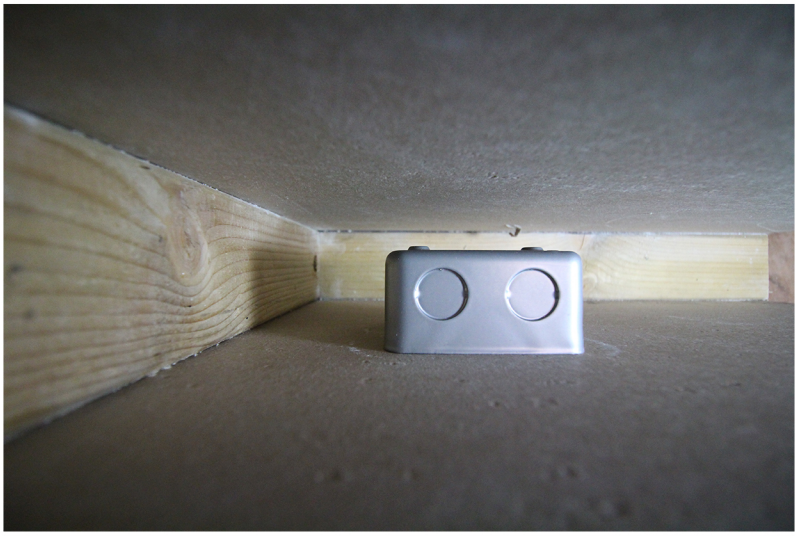


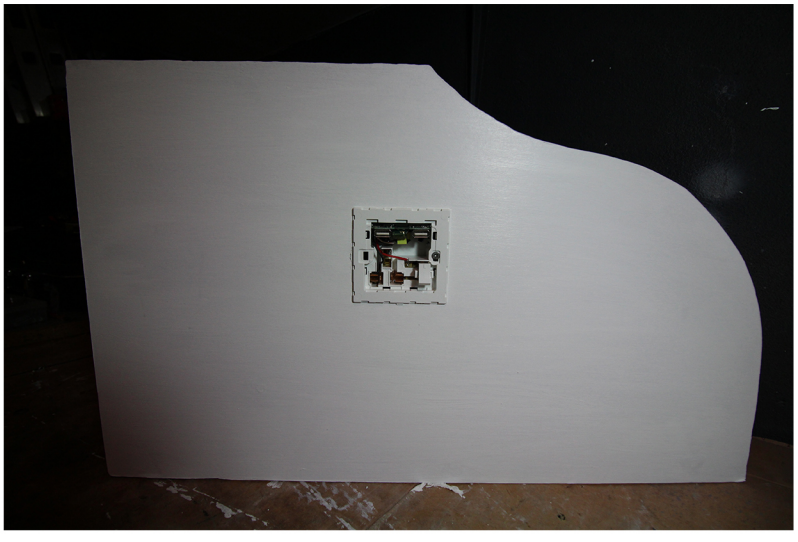




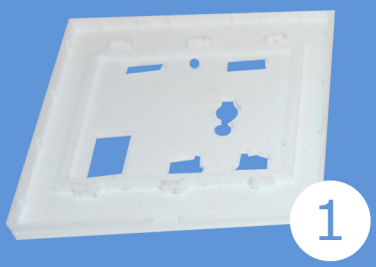


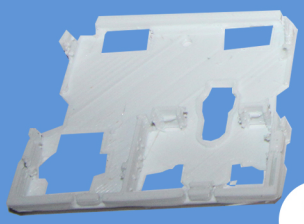


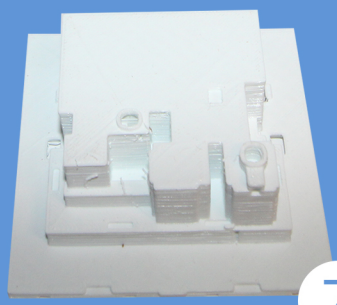




Blueprint







Index No.	Description	Amount
1	Chasis faceplate	1
2	Chasis spacer	1
3	Arduino board	1
4	Main board	1
5	Contact plate	3
6	M3.5x50MM screws	2
7	Chasis main	1
8	Backbox	1
9	Male-to-male USB	1

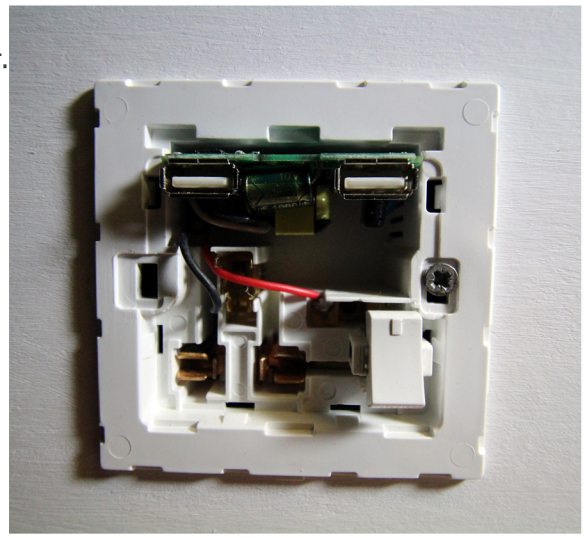
Instructions

Warning! This device is pre-assembled and must be installed in accordance local Building Regulations. Tampering with the product is not advised and could lead to a fire.

Safety First

Do not take risks. Switch of main power at fuse box. Isolate the circuit you plan to work with. Check the circuit is dead with voltage tester.

Installation



Remove faceplate and chasis spacer. Connect cables to specified terminals. Do not stretch the cables. Gently mount the chasis to the backbox.Use a socket tester to ensure the cables are wired correctly and have not come loose. Fit the spacer and faceplate and attach to the chasis.

Download MyHome app from the Google Play Store or IOS store on your mobile device. Create an account or sign in and follow onscreen instructions to sync the socket. Ensure socket firmware is up-to-date (the app will auto-matically install updates). See instructions oversheet on how to make use of the arduino board.

Errors

The LED will change colour when an issue is detected. Alternatively, you can set this to blink using the app.

Red: Overheating
Orange: Arduino Failure
Purple: Main Board Failure
Blue: Bluetooth not connected

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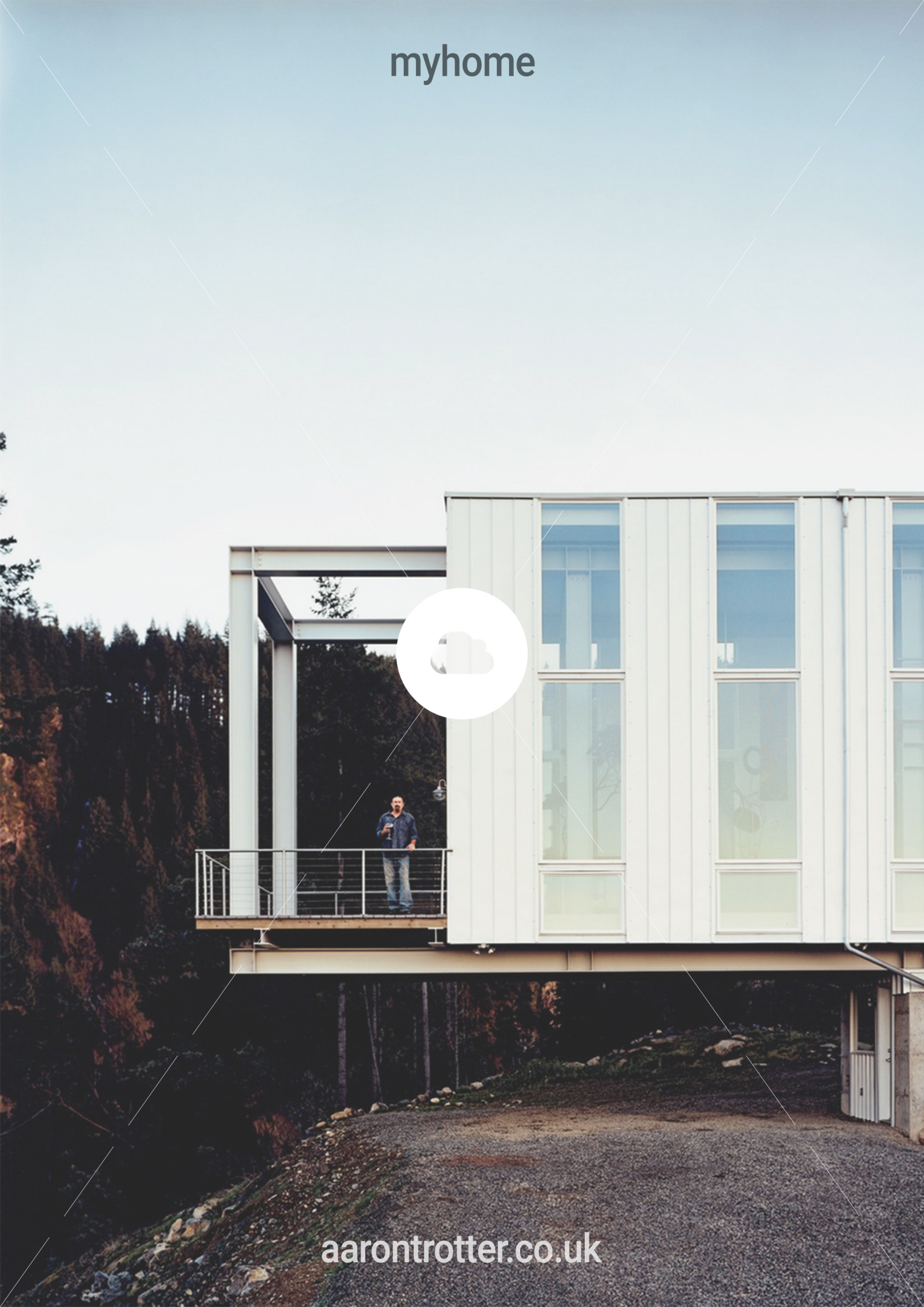

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