30 days

The improvement to make in 30 days

- Designs for hierarchy layouts for primary users to configure (visible by both primary and secondary users) and ways for primary users to define levels of risky/destructive actions by secondary users at a device level.

- Design to incorporate good accessibility rules aka not just defining the hierarchy by colours and/or opacity (greyed out) areas but including heading sizes, sections that take up more/less area, button states, informative contextual text etc. (example text: thesedevices have been designated/labbelled as risky to change. Please change with caution or refer to the person who set up the smart home devices for guidance)

- Visuals for what a secondary user can see as a hierarchy of actions on devices in a home ecosystem.

- Function for primary users to define access levels for different kinds of secondary users. e.g. a guest has access to change/adapt TV, Lights etc. Does not have access to change/view security cameras, motion sensors, locks can request access to kitchen appliances.

- Mobile mode visuals for both primary and secondary users for the above functions.

- Simple tutorial templates for most common device types (likely lights, cameras, motion sensors)

- User testing this function in differing levels of complexity households e.g. house hold with minimal devices, household with maximum devices, household with 2 people, household with many people, household that is a short-term rental, household with people with access needs like elderly or disabled people.

- Adapt and iterate based on the user testing feedback via a RITE process

Household Name

Common devices 🏠

These are devices in our home that most often need changing and everybody has access to them. The switches used most frequently are viewable.

Use with caution ⚠

Devices that can cause problems to change but aren't dangerous. A notification gets sent to the adults to approve.

High risk devices 🚫

Devices that are dangerous to make changes to. These are deactivated by default for everyone but adults.

Lights - Lounge
On/off switch for the lights
View more ⌄

Device name
Controls for the device name
Action
View more ⌄

Front door lock
On/off switch for the door lock
View more ⌄

Lights - Kitchen
On/off switch for the lights
View more ⌄

Device name
Controls for the device name
Action
View more ⌄

Security cameras
Controls for the security cameras
View more ⌄

TV - Family Room
On/off switch for the lights
View more ⌄

Shower/Bath
Fill and reheat the bath
Action
View more ⌄

Motion sensors
Controls for the motion sensors
View more ⌄

Internet router
Reset the internet router
Action
View more ⌄

Request access to a high risk device →

Breaker box
Reset the breaker switches
Action
View more ⌄

Heating/Air con
hot/cold for aircon
View more ⌄

Request access to a high risk device →

Send a common device suggestion →

Common devices 🏠

These are devices in our home that most often need changing and everybody has access to them. The switches used most frequently are viewable.

Use with caution ⚠️

Devices that can cause problems to change but aren't dangerous. A notification gets sent to the adults to approve.

Lights - Lounge
On/off switch for the lights
View more ⌄

TV - Family Room
On/off switch for the lights
View more ⌄

Device name
Controls for the device name
Action
View more ⌄

Lights - Kitchen
On/off switch for the lights
View more ⌄

Internet router
Reset the internet router
Action
View more ⌄

Device name
Controls for the device name
Action
View more ⌄

TV - Family Room
On/off switch for the lights
View more ⌄

Lights - Lounge
On/off switch for the lights
View more ⌄

Request access to a high risk device →

View more ⌄

Internet router
Reset the internet router
Action
View more ⌄

Internet router
Reset the internet router
Action
View more ⌄

High risk devices 🚫

Devices that are dangerous to make changes to. These are deactivated by default for everyone but adults.

Heating/Air con
hot/cold for aircon
View more ⌄

Internet router
Reset the internet router
Action
View more ⌄

Front door lock
On/off switch for the door lock
View more ⌄

Internet router
Reset the internet router
Action
View more ⌄
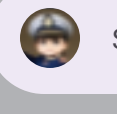
Send a common device suggestion →

View more ⌄

View more ⌄

Request access to a high risk device ›

Request to change device

Username

This username has made a request to change [device name] at [time and date].

Read details >

Approve ✓

Reject ⊗

Wilderness With Ray Mears