Temperature Control REMIXED

Difficult to use now

User sees irrelevant information, including if someone is in the room the control is in.

User can only control temperature according to the "Warmer" and "Cooler" controls.

User does not know when the control is working.

User must use a small lever.

User does not know why the temperature is controlled.

Better solutions in the future

Remove "Occupied" LED and "Manual On" button since only administrator will need these controls.

Add a control that shows the current temperature of the room as well as the range of temperatures the user may select.

Add small fan that begins to turn when air is released and temperature is adjusted.

Expand lever to make it longer. Curve outside of casing to show the shape of the interaction of moving the lever.

Encourage users to think about the effects of their temperature choice. Encourage "green" thinking by showing people how other people in the building are controlling the temperature.

Before

After

Studies have shown that people are more likely to act on "green" behaviors if they feel that everyone else is doing the same.

The temperature control and display mechanism is inspired by zoomable interfaces. The largest number is the temperature the thermostat is set at. The display is digital so that administrators may change the temperature range dynamically.

This fan turns on when the air is still adjusting.

The user can see the full range of temperatures that the administrator has approved for the room. As the user moves the lever, the display updates and zooms in on the currently selected temperature.