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Individual Assignment 2

When designing the interface for a destination control elevator, I made sure that the **affordances** were intuitive. Being able to instantly know the relationship between the user and the object is a key principle in design. The **affordances** for my panel(s) are 1. Inputting a specific floor, and 2. Displaying instructions.

These affordances were described by the use of **signifiers**. The panel is clearly labeled, with the keypads numbered and instructions present. The **signifiers** make it clear how to use the keypad as well as inform the user the current status of the elevators.

The panel's controls made sure to follow the core principle of **mapping**. Pressing a number on the keypad will input that number into your current selection. This is because the relationship between the controls and the actions they control are intuitive.

The panel can also give **feedback** to the user. When a number is pressed, it is appended to the number on screen. Also, in the elevator there is another panel that shows the current ride status of the elevator. This reassures the user by making them understand what is happening and knowing that their stop is approaching.

Although different from the standard analog elevator controls, the **conceptual model** for the panel is still the same. The user can assume that an elevator call panel is meant to call elevators.

A **constraint** for this design could be if someone has never used an elevator before. The design is meant to be sleek and minimalist, which might be foreign to someone who has never used an elevator before. Also, the way to end an input is by pressing the star character, which is very common in America, but I don't know if it is common outside of America.

Transfer effects are used heavily in this design by acting how the user would expect an elevator control panel to function.

The panel is very simple, allowing for only simple actions to take place. This is an example of **visibility**. The interface shouldn't be cluttered as it would overwhelm the user.