Assignment 1

# Good example

## Emergency Doors

The primary goal of emergency doors is to provide a safe and quick exit from a building or structure during emergencies, such as fires, earthquakes, or other hazardous situations. They are designed to facilitate evacuation and prevent injuries or fatalities by ensuring that people can leave the premises swiftly without encountering obstacles.

##### Good Aspects:

1. Safety: Emergency doors are crucial for protecting lives. In high-risk situations like fires or gas leaks, these doors ensure that occupants can exit the building quickly and safely, reducing the risk of injury or death.
2. Quick Access: Emergency doors are designed for easy and fast operation. They often include "panic bars" or push bars, allowing occupants to open the door with minimal effort, which is particularly important in high-stress situations.
3. Fire Resistance: Many emergency doors are made from fire-resistant materials, preventing the spread of fire and smoke to other areas of the building. This helps contain hazards and provides a safe escape route.
4. Strategic Placement: Emergency doors are often positioned in key areas such as stairwells, corridors, and at exits, providing multiple escape routes for occupants and reducing crowding during evacuations.
5. Illumination and Signage: Emergency doors are often accompanied by clear signage and emergency lighting to ensure they are easily identifiable, even in low visibility or power outage situations.
6. Anti Panic Design: The simple operation mechanisms, such as push bars, allow for quick egress, especially important when people are in a state of panic. The doors are designed to prevent jamming or malfunctioning during a rush.

# Bad example

## Adamastor Building Elevators

The floor selection is done when “calling” the elevator, and then the expected elevator is displayed in the screen. Inside the elevator is not possible to select a floor.

##### Bad Aspects:

1. In case that a person is getting close to a closing elevator, the person cannot get in and select the expected floor.
2. Once inside there’s no possible selection of the floor.
3. No range of floor displayed (it can be selected the floor -100000 and 100000, and those floors do not exist).
4. In case that a person selects a floor and doesn’t see the elevator selected, the person will not know in which elevator should get in.