**Sideways Elevator Panel**

**Willy Wonka Elevators**

**4/4/2025**

* Executive Summary
  + The purpose of this document is to outline the requirements necessary for a functioning sideways elevator panel.
* System Requirements
  + The User Control Panel will consist of:
    - Floor Selection Buttons
    - Emergency Button
    - Door Control Buttons
      * Hold Doors
      * Open Doors
    - Floor Level Indicator
* Performance Requirements
  + The product described in this document is a user control panel for a sideways elevator system. It will be part of an overall larger elevator system. It must offer destinations to floors along both the X and Y axis, as the elevator system this panel will be supporting can travel along both axes.
* Design Constraints
  + Input density may become an issue depending on the number of selection options along both the Y and X axis.
* Schedule and Budget
  + Stakeholders have stressed that there is no budget, and that no expense can be spared in pursuit of the elusive Sideways Elevator user control panel. The schedule given states that the project must be finished by the 20th of April, 2025.

**Appendices:**

New Sideways Elevator Use Case Diagram:

A diagram of a diagram

AI-generated content may be incorrect.

New Sideways Elevator User Interface Diagram:

A diagram of a building

AI-generated content may be incorrect.

New Sideways Elevator State Transition Diagram:

