CS5800 Semester Project

Design Document

Yutaroh Tanaka

Design flow (simple FSM)

No floor button pressed

higher floor request

lower floor request

Move up 1 floor

No floor requests

No floor requests

Move down 1 floor

No request

floor request

floor request

No request

Higher floor request

lower floor request

Time > 2

Time > 2

Time < 5

Time < 5

No higher floor requests && lower floor requests

No lower floor requests && higher floor requests

open button

open button

Time > 5 / close button

Time > 5 / close button