Initialize the system

Lift arrives the floor where it detects human presence in front of lift door

true

Rotate motor in respective direction

if current\_floor != desired\_floor

Repeat till system is turned off

Send all parameters to lcd screen

Wait till passenger leaves lift

Play audio as “reached at floor x”

false

Stop the motor

Microcontroller sends instruction to motor driver according to command number

Return command number to microcontroller

Voice recognition module listens command from passenger

Wait till passenger enters lift with some delay