Input Request for Elevator → Elevator Control Recieves Request

IS ELEVAOR IDLE
- YES → Move to User Requested Floor
- NO → IS REQUIRED FLOOR ALONG THE PATH

Move to User Requested Floor →

DOES ELEVATOR REACHED AT FLOOR
- NO
- YES → Stop Elevator

IS REQUIRED FLOOR ALONG THE PATH
- YES → Stop Elevator
- NO → Finish the current cycle

Finish the current cycle → Change the direction of lift → Stop Elevator

Stop Elevator → Message Requested Floor Reached

ACTIVITY DIAGRAM FOR LIFT SIMULATION