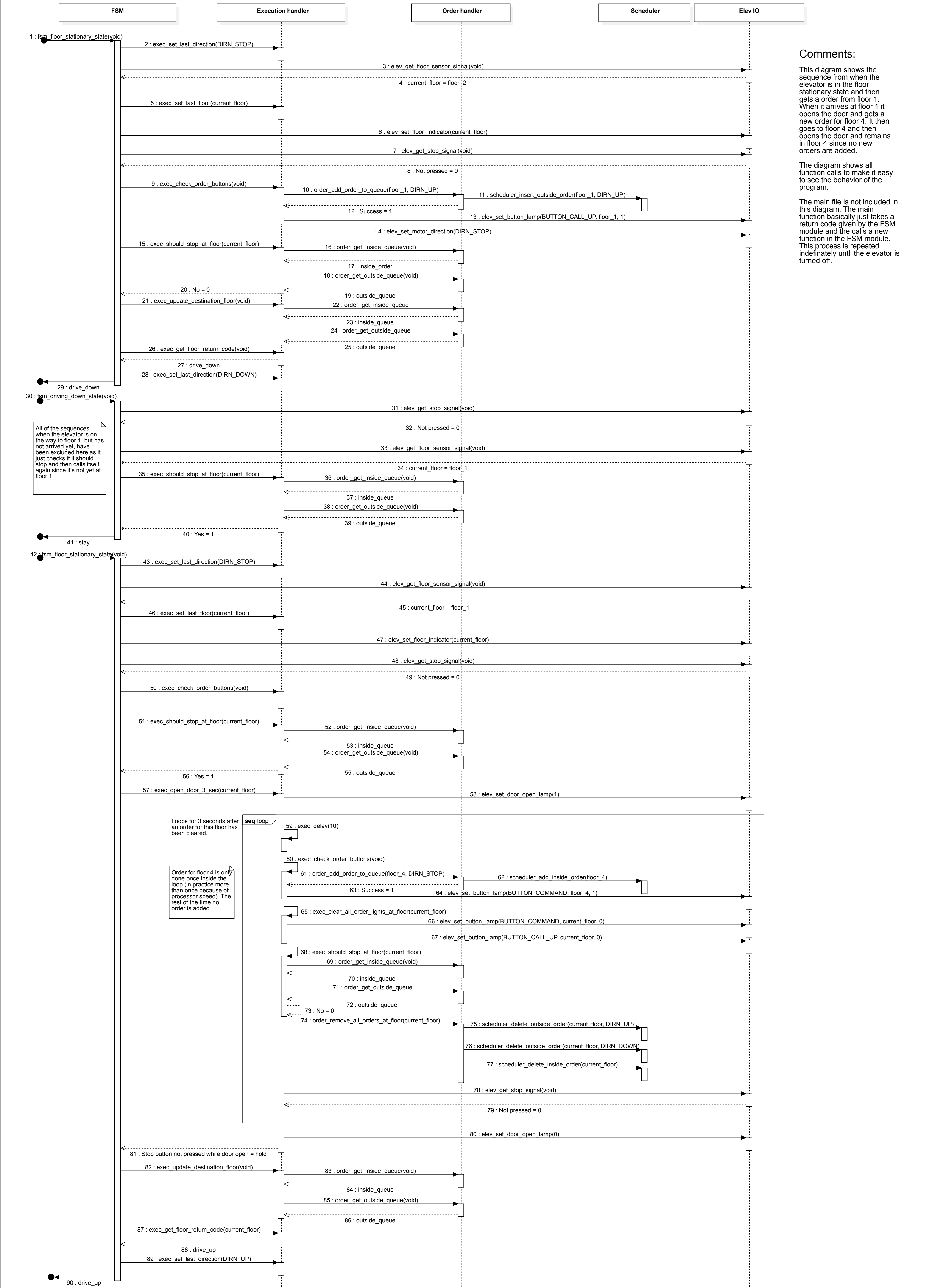


Sequence Diagram



Comments:

This diagram shows the sequence from when the elevator is in the floor stationary state and then gets a order from floor 1. When it arrives at floor 1 it opens the door and gets a new order for floor 4. It then goes to floor 4 and then opens the door and remains in floor 4 since no new orders are added.

The diagram shows all function calls to make it easy to see the behavior of the program.

The main file is not included in this diagram. The main function basically just takes a return code given by the FSM module and the calls a new function in the FSM module. This process is repeated indefinitely until the elevator is turned off.

