

## Use Case Form

Use Case Name	Move the elevator
Primary Actor	Elevator user
Further Actors	Further users of the elevator (waiting persons)
Stakeholders and their Interests	Manufacturer of the elevator, does not want too many crashes => bad reviews
Success Guarantees	Elevator did change the floor without any problems
Minimal Guarantees	There is someone who wants to drive Electricity supply works fine
Trigger	Someone entered the elevator
Basic Course (Main Success Scenario)	<ol style="list-style-type: none"> <li>1. Check if only one person is in the elevator</li> <li>2. Determine whether the elevator has to move up or down.</li> <li>3. Close the door and keep it shut for 10 seconds (The travel time is 5 seconds but we need some additional time for safety)</li> <li>4. Switch on the elevator-arrival on the other floor</li> <li>5. Drive down/up</li> <li>6. Ring the bell on arrival</li> <li>7. Switch the elevator-arrival light off</li> </ol>
Alternative Course	<ol style="list-style-type: none"> <li>8. Open the door</li> <li>1.a There are more people in the elevator <ol style="list-style-type: none"> <li>1.a1 Notify the people (e.g. with a sound message), that only one can drive at a time</li> <li>1.a2 Wait until only one person is situated inside the elevator</li> <li>1.a3 Continue with 2.</li> </ol> </li> </ol>