* **Functional Requirements**
* Elevator control system is the system responsible travel, speed, accelerating door opening speed and delay, leveling, etc
* System allows administration to add 3 elevator to the building
* An engine moves the elevator to floor (by using floor to go button press)
* After elevator has an active floor request from one of its floor request buttons being pressed, its engine moves it to the floor specified by the number of the button that was pressed
* When the door of the elevator close, it starts to move to its next floor (in the three second)
* When you reach the specified floor, the elevator opens its door
* The user can’t use or control a moving elevator
* If the elevator has three users, no other user can enter
* After floor to go button has been pressed, its light turn on and when engine stop, its light turn off
* **Non - Functional Requirements**
* The elevator doesn’t have to move very fast
* It shouldn’t open door of the elevator unless it is on the right floor
* The elevator shouldn’t move until its door are completely closed
* The elevator must be chosen that can process the summons request as soon as possible to answer this request
* The elevator must always stop at the correct position on each floor so that the outer doors of the shaft and the inner doors of the elevator line