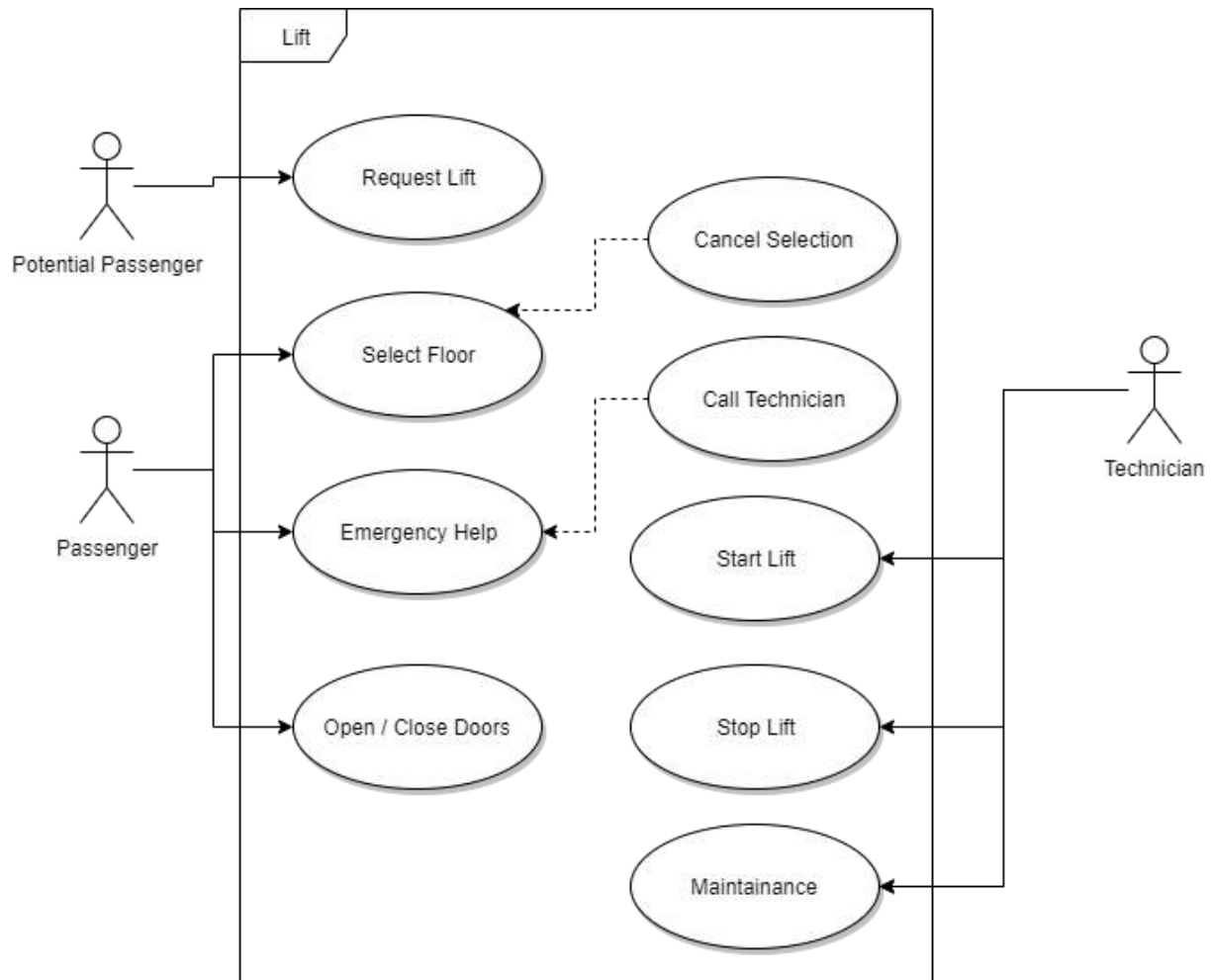


UML Use Case Diagram



Use Cases Critique

1. Select Floor: Some user may not know he / she is able to cancel floor selection
2. Emergency Help: Extension can technically be shorten into the main requirements itself

Non-Functional Requirements

1. Efficiency
2. Operability
3. Safety

Functional Requirements

1. **Title:** Select Floor
2. **Description:** Passenger (in the lift) is able to select destination floor
 - a. Request lift
 - b. Enters lift
 - c. Press button on panel to select floor
 - d. Lift door closes and lift starts moving towards destination
3. **Extensions:**
 - a. Cancel Selection
 - i. User double/single press the selected button
 - ii. The call is cancelled
 - iii. The lift either stops at the nearest floor or keeps moving if there are other calls

1. **Title:** Emergency Help
2. **Description:** Passenger (in the lift) is able to call for emergency help
 - a. Requests lift
 - b. Enters Lift
 - c. Press emergency button
3. **Extensions:**
 - a. Call Technician
 - i. "Emergency Help" button is pressed
 - ii. A call is made to the technician
 - iii. A technician answer the call
 - iv. The passenger describes the emergency situation
 - v. Technician solves the problem remotely or physically