Requirements
The Elevator Example
Stakeholders

• Who are they?
• What do they care about?
Functional Requirements

• Safety
• Correctness
• Liveness
Measurable Attributes

• ”-ilities” – how do we make these more testable?
• Resource use.
• Performance.
• Resilience – what is it? Is it measurable, or is it a functional attribute.
Other Aspects

• Are there any other aspects we need to try to specify?
Clarifying/Refining Specifications

• The lift mechanism is a mechanical design.
• What does the lift controller need to know to be able to verify the specifications?
Other Examples

• An IoT door lock.
• A large Virtual Learning Environment like LEARN.
• An app to guide visiting students around the campus.