1 Requirement

The requirement of this assignment is to build an event B model of a lift control system using a sequence of refinements.

1.1 What you have to do

The objective is to start with a simple, but realistic simple model of a lift system. By simple, the intention is that the initial level probably starts without buttons.

What is important is that at each level of the development the system describes a lift system. If there is difficulty in seeing this, consider:

1. Are buttons essential to a lift system? It is possible to imagine a lift system that doesn’t need buttons: it traverses all floors of the building and stops at each floor.


1.2 Refinement

As you move through refinements make sure that you have a story that explains the objectives of each refinement step, and be sure that each refinement is associated with significant operational obligations.