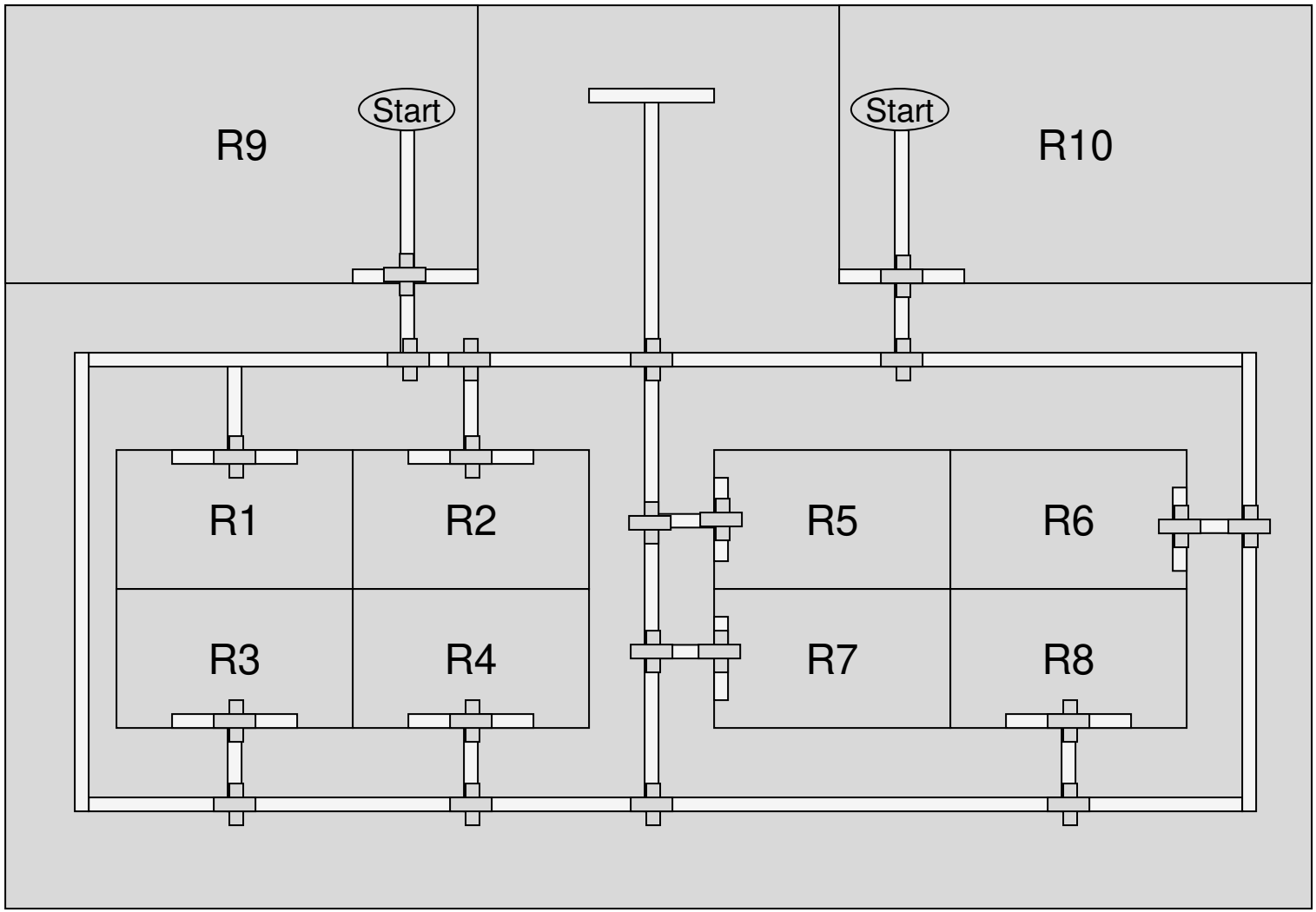
R9
Start
Start
R10
R1
R2
R5
R6
R3
R4
R7
R8
Black Tape
Yellow Tape

Schedule a Meeting

- Robot starts from one of the two ‘Start’ nodes
- Room are numbered from 1 to 10
- Input (or parameters)
  - a sequence of room numbers such as [1,2,5], [1,4], or [5,3,7,9]; and
  - a number indicates its start position, i.e., 9 or 10
- Robot needs to travel to all the room in the list and finishes at where it starts.

Requirements

- Provide a situation calculus theory that describes the domain.
- Develop IndiGolog program(s) that can achieve the goal.
- Implement the IndiGolog program in Legolog with exogenous actions for
  - deleting some of the destinations
  - adding some of the destinations