Plan Validation Report

VAL

May 5, 2022

1 Domain and Problem

Domain: inspection014
Problem: inspect-object

2 Plan: plan14-03-01

2.1 Plan

Plan size: 5

Time	Action
1:	(move waypoint1 waypoint2)
2:	(turn waypoint2 object1 waypoint2)
3:	(inspect waypoint2 object1)
4:	(turn waypoint2 waypoint3 object1)
5:	(move waypoint2 waypoint3)

2.2 Plan To Validate

Time	Happening
1:	(move waypoint1 waypoint2)
2:	(turn waypoint2 object1 waypoint2)
3:	(inspect waypoint2 object1)
4:	(turn waypoint2 waypoint3 object1)

5: (move waypoint2 waypoint3)

2.3 Plan Validation

Time	Details
1:	Checking Happening... ...OK! Deleting (at-waypoint waypoint1) Adding (at-waypoint waypoint2) Adding (has-passed waypoint1) Adding (has-passed waypoint2)
2:	Checking Happening... ...OK! Deleting (rob-facing waypoint2) Adding (at-waypoint waypoint2) Adding (rob-facing object1)
3:	Checking Happening... ...OK! Adding (has-inspected object1)
4:	Checking Happening... ...OK! Deleting (rob-facing object1) Adding (at-waypoint waypoint2) Adding (rob-facing waypoint3)
5:	Checking Happening... ...OK! Deleting (at-waypoint waypoint2) Adding (at-waypoint waypoint3) Adding (has-passed waypoint2) Adding (has-passed waypoint3)

Plan executed successfully - checking goal

2.4 Gantt Chart

Gantt Chart Key

Row 1

No	Time	Action
1	1	(move waypoint1 waypoint2)
2	2	(turn waypoint2 object1 waypoint2)
3	3	(inspect waypoint2 object1)
4	4	(turn waypoint2 waypoint3 object1)
5	5	(move waypoint2 waypoint3)

3 Successful Plans

Value	Plan
5	plan14-03-01 5

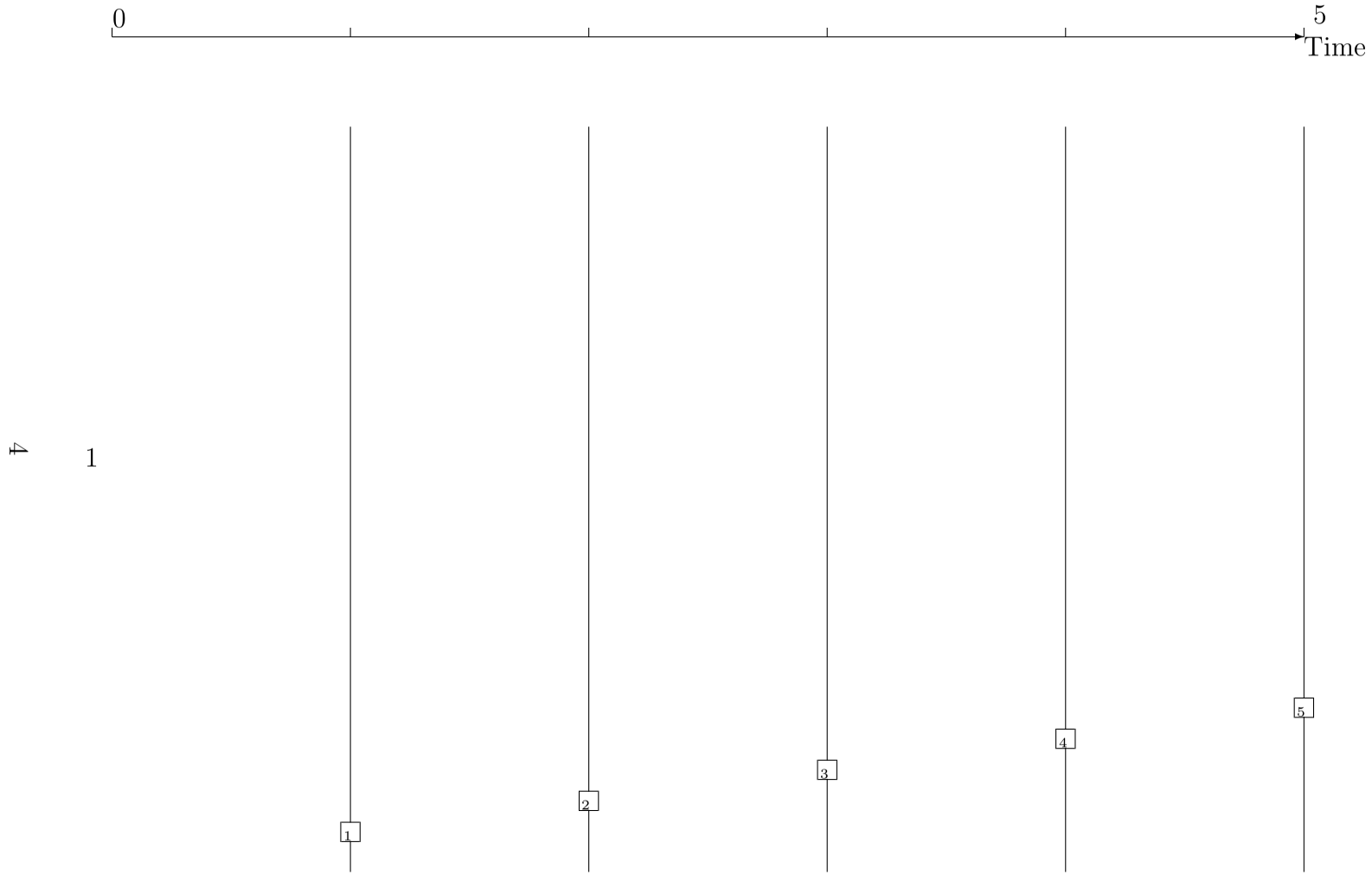

Figure 2.1: Gantt Chart