Plan Validation Report

$V_{\rm AL}$

May 5, 2022

1 Domain and Problem

Domain: inspection013 Problem: inspect-object

2 Plan: plan13-04-02

2.1 Plan

Plan size: 9

\mathbf{Time}	Action
1:	(turn waypoint1 waypoint2)
2:	(move waypoint1 waypoint2)
3:	(inspect waypoint2 object1)
4:	(inspect waypoint2 object2)
5 :	(turn waypoint2 waypoint3)
6:	(turn waypoint2 waypoint4)
7:	(move waypoint2 waypoint4)
8:	(inspect waypoint4 object3)
9:	(move waypoint4 waypoint3)

2.2 Plan To Validate

Time	Happening
1:	(turn waypoint1 waypoint2)
2:	(move waypoint1 waypoint2)

4: (inspect waypoint2 object2) (turn waypoint2 waypoint3) **5**: (turn waypoint2 waypoint4) 6: 7: (move waypoint2 waypoint4) 8: (inspect waypoint4 object3) 9: (move waypoint4 waypoint3) 2.3 Plan Validation Time Details 1: Checking Happening... ... OK! Adding (at-waypoint waypoint1) Adding (rob-facing waypoint2) 2: Checking Happening... ... OK! Deleting (at-waypoint waypoint1)

> Adding (at-waypoint waypoint2) Adding (has-passed waypoint1) Adding (has-passed waypoint2)

Checking Happening... ...OK! Adding (has-inspected object1)

Checking Happening... ...OK! Adding (has-inspected object2)

Checking Happening... ...OK! Adding (at-waypoint waypoint2) Adding (rob-facing waypoint3)

(inspect waypoint2 object1)

3:

3:

4:

5:

2

6: Checking Happening... ... OK! Adding (at-waypoint waypoint2) Adding (rob-facing waypoint4) 7: Checking Happening... ... OK! Deleting (at-waypoint waypoint2) Adding (at-waypoint waypoint4) Adding (has-passed waypoint2) Adding (has-passed waypoint4) Checking Happening... ...OK! 8: Adding (has-inspected object3) 9: Checking Happening... ... OK! Deleting (at-waypoint waypoint4) Adding (at-waypoint waypoint3) Adding (has-passed waypoint4) Adding (has-passed waypoint3)

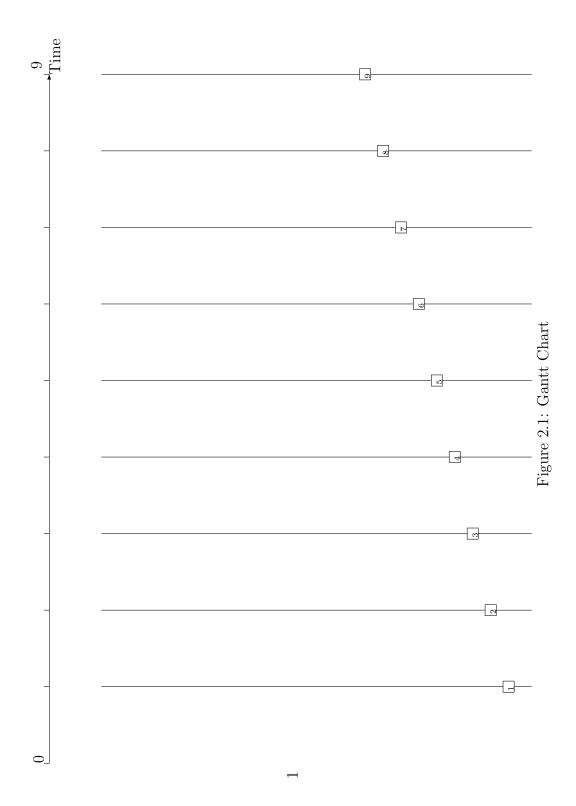
Plan executed successfully - checking goal

2.4 Gantt Chart

Gantt Chart Key

Row 1

No	${f Time}$	Action
1	1	(turn waypoint1 waypoint2)
2	2	(move waypoint1 waypoint2)
3	3	(inspect waypoint2 object1)
4	4	(inspect waypoint2 object2)
5	5	(turn waypoint2 waypoint3)
6	6	(turn waypoint2 waypoint4)
7	7	(move waypoint2 waypoint4)
8	8	(inspect waypoint4 object3)
9	9	(move waypoint4 waypoint3)



3 Successful Plans

Value Plan

9 plan13-04-02 9