

Exercise 1. Changing Working Time (Start Date 1/11/2024)

- Display the Project Information.

Project Statistics for 'Project2'

	Start	Finish
Current	Fri 11/1/24	Wed 12/4/24
Baseline	NA	NA
Actual	NA	NA
Variance	0d	0d

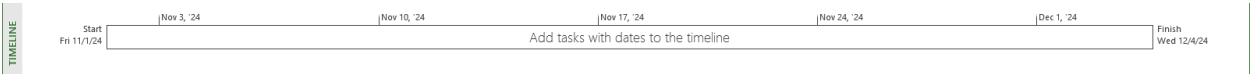
	Duration	Work	Cost
Current	24d	0h	\$0.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	24d	0h	\$0.00

Percent complete:

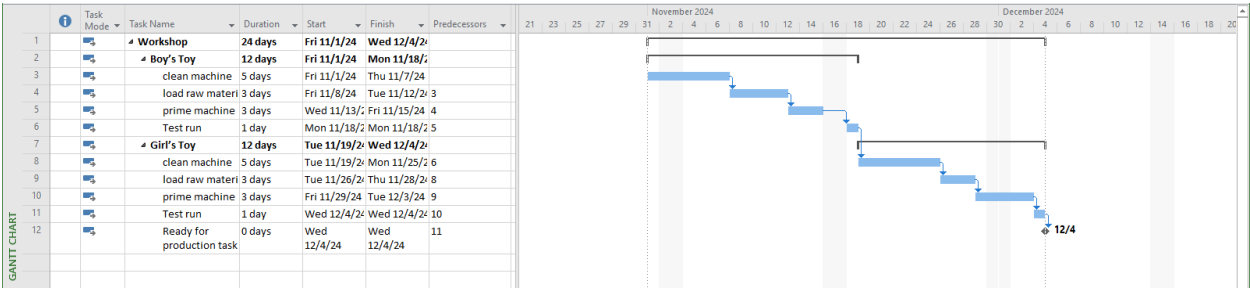
Duration: 0% Work: 0%

Close

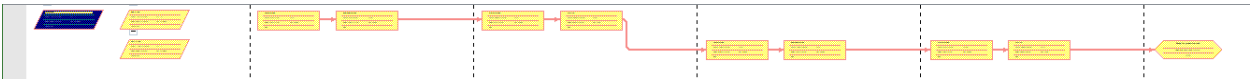
- Project Timeline



- Gantt Chart



- View CP



- Total Slack

	i	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Total Slack	Add
1			Workshop	24 days	Fri 11/1/24	Wed 12/4/24			0 days	
2			Boy's Toy	12 days	Fri 11/1/24	Mon 11/18/24			0 days	
3			clean machine	5 days	Fri 11/1/24	Thu 11/7/24			0 days	
4			load raw materi	3 days	Fri 11/8/24	Tue 11/12/24	3		0 days	
5			prime machine	3 days	Wed 11/13/24	Fri 11/15/24	4		0 days	
6			Test run	1 day	Mon 11/18/24	Mon 11/18/24	5		0 days	
7			Girl's Toy	12 days	Tue 11/19/24	Wed 12/4/24			0 days	
8			clean machine	5 days	Tue 11/19/24	Mon 11/25/24	6		0 days	
9			load raw materi	3 days	Tue 11/26/24	Thu 11/28/24	8		0 days	
10			prime machine	3 days	Fri 11/29/24	Tue 12/3/24	9		0 days	
11			Test run	1 day	Wed 12/4/24	Wed 12/4/24	10		0 days	
12			Ready for production task	0 days	Wed 12/4/24	Wed 12/4/24	11		0 days	

Exercise 2. Changing Working Time (Start Date 1/11/2024)

- Display the Project Information

Project Statistics for 'Project3'

	Start	Finish
Current	Fri 11/1/24	Thu 11/28/24
Baseline	NA	NA
Actual	NA	NA
Variance	0d	0d

	Duration	Work	Cost
Current	20d	0h	\$0.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	20d	0h	\$0.00

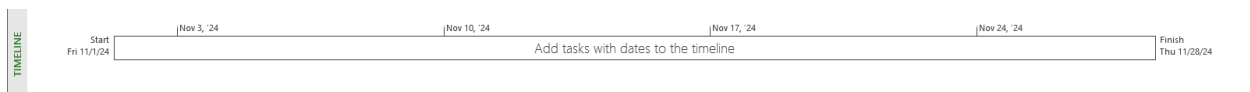
Percent complete:

Duration: 0%

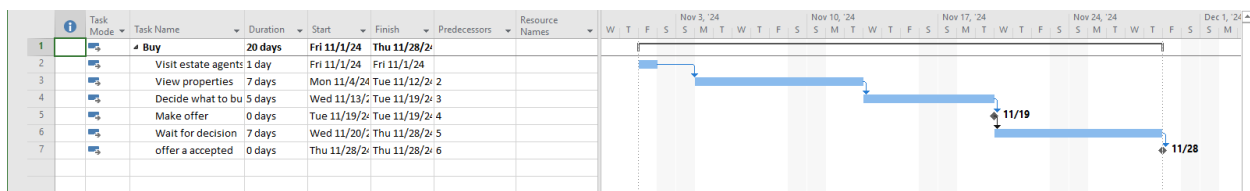
Work: 0%

Close

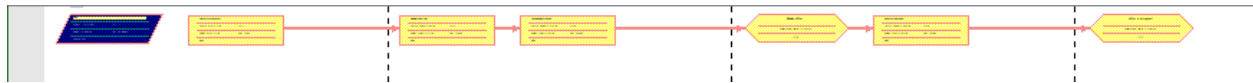
- Project Timeline



- Gantt Chart



- View CP



- Total Slack

	Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾	Predecessors ▾	Resource Names ▾	Total Slack ▾
1		Buy	20 days	Fri 11/1/24	Thu 11/28/24			0 days
2		Visit estate agents	1 day	Fri 11/1/24	Fri 11/1/24			0 days
3		View properties	7 days	Mon 11/4/24	Tue 11/12/24	2		0 days
4		Decide what to buy	5 days	Wed 11/13/24	Tue 11/19/24	3		0 days
5		Make offer	0 days	Tue 11/19/24	Tue 11/19/24	4		0 days
6		Wait for decision	7 days	Wed 11/20/24	Thu 11/28/24	5		0 days
7		offer a accepted	0 days	Thu 11/28/24	Thu 11/28/24	6		0 days

Exercise 3. Scheduling – Task dependencies

- Display the Project Information.

Project Statistics for 'Project4'

	Start	Finish
Current	Thu 10/10/24	Mon 9/22/25
Baseline	NA	NA
Actual	NA	NA
Variance	0d	0d

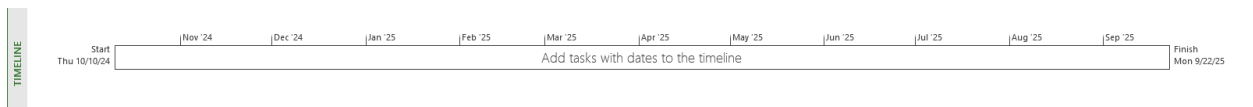
	Duration	Work	Cost
Current	248d	0h	\$0.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	248d	0h	\$0.00

Percent complete:

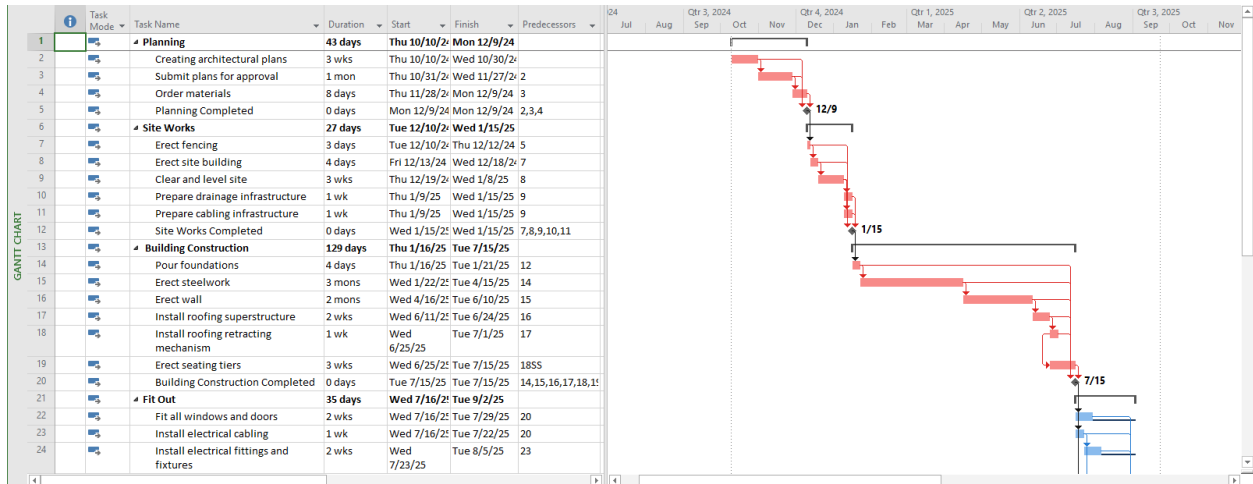
Duration: 0%Work: 0%

Close

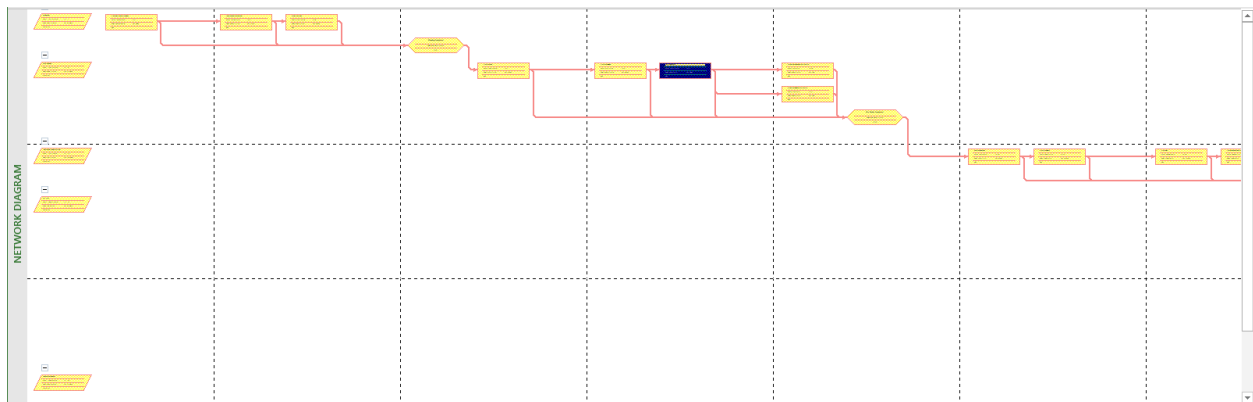
- Time Line



- Gantt Chart



- View CP



- Total Slack

	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Total Slack
22		Fit all windows and doors	2 wks	Wed 7/16/25	Tue 7/29/25	20		5 wks
23		Install electrical cabling	1 wk	Wed 7/16/25	Tue 7/22/25	20		4 wks
24		Install electrical fittings and fixtures	2 wks	Wed 7/23/25	Tue 8/5/25	23		4 wks
25		Install all plumbing	2 wks	Wed 7/16/25	Tue 7/29/25	20		4 wks
26		Install plumbing fixtures and fittings	1 wk	Wed 7/30/25	Tue 8/5/25	25		4 wks
27		Lay astro turf	1 wk	Wed 7/16/25	Tue 7/22/25	20		6 wks
28		Erect handrails and fencing	2 wks	Wed 7/16/25	Tue 7/29/25	20		0 wks
29		Paint rooms, fixtures, fittings, etc.	1 mon	Wed 7/30/25	Tue 8/26/25	28		0 mons
30		Install PA system	2 days	Wed 7/23/25	Thu 7/24/25	23		23 days
31		Install video imaging equipment	3 days	Wed 7/23/25	Fri 7/25/25	23		22 days
32		Fit out control room	1 wk	Wed 8/27/25	Tue 9/2/25	29,30,31		0 wks
33		Fit Out Completed	0 days	Tue 9/2/25	Tue 9/2/25	22,23,24,25,26,27		0 days
34		Commissioning	14 days	Wed 9/3/25	Mon 9/22/25			0 days
35		Test roof mechanism	1 wk	Wed 9/3/25	Tue 9/9/25	33		0 wks
36		Test PA system	2 days	Wed 9/3/25	Thu 9/4/25	33		3 days
37		Test video imaging equipment	2 days	Wed 9/3/25	Thu 9/4/25	33		3 days
38		Test control room equipment	1 wk	Wed 9/10/25	Tue 9/16/25	35,36,37		0 wks
39		Obtain official occupancy	1 day	Wed 9/17/25	Wed 9/17/25	38		0 days

- Late Start, Late Finish, Total Slack

	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Total Slack	Early Start	Early Finish	Late Start	Late Finish
1		Planning	43 days	Thu 10/10/24	Mon 12/9/24			0 days	Thu 10/10/24	Mon 12/9/24	Thu 10/10/24	Tue 12/10/24
2		Creating architectural plans	3 wks	Thu 10/10/24	Wed 10/30/24			0 wks	Thu 10/10/24	Wed 10/30/24	Thu 10/10/24	Wed 10/30/24
3		Submit plans for approval	1 mon	Thu 10/31/24	Wed 11/27/24	2		0 mons	Thu 10/31/24	Wed 11/27/24	Thu 10/31/24	Wed 11/27/24
4		Order materials	8 days	Thu 11/28/24	Mon 12/9/24	3		0 days	Thu 11/28/24	Mon 12/9/24	Thu 11/28/24	Mon 12/9/24
5		Planning Completed	0 days	Mon 12/9/24	Mon 12/9/24	2,3,4		0 days	Mon 12/9/24	Mon 12/9/24	Tue 12/10/24	Tue 12/10/24
6		Site Works	27 days	Tue 12/10/24	Wed 1/15/25			0 days	Tue 12/10/24	Wed 1/15/25	Tue 12/10/24	Thu 1/16/25
7		Erect fencing	3 days	Tue 12/10/24	Thu 12/12/24	5		0 days	Tue 12/10/24	Thu 12/12/24	Tue 12/10/24	Thu 12/12/24
8		Erect site building	4 days	Fri 12/13/24	Wed 12/18/24	7		0 days	Fri 12/13/24	Wed 12/18/24	Fri 12/13/24	Wed 12/18/24
9		Clear and level site	3 wks	Thu 12/19/24	Wed 1/8/25	8		0 wks	Thu 12/19/24	Wed 1/8/25	Thu 12/19/24	Wed 1/8/25
10		Prepare drainage infrastructure	1 wk	Thu 1/9/25	Wed 1/15/25	9		0 wks	Thu 1/9/25	Wed 1/15/25	Thu 1/9/25	Wed 1/15/25
11		Prepare cabling infrastructure	1 wk	Thu 1/9/25	Wed 1/15/25	9		0 wks	Thu 1/9/25	Wed 1/15/25	Thu 1/9/25	Wed 1/15/25
12		Site Works Completed	0 days	Wed 1/15/25	Wed 1/15/25	7,8,9,10,11		0 days	Wed 1/15/25	Wed 1/15/25	Thu 1/16/25	Thu 1/16/25
13		Building Construction	129 days	Thu 1/16/25	Tue 7/15/25			0 days	Thu 1/16/25	Tue 7/15/25	Thu 1/16/25	Wed 7/16/25
14		Pour foundations	4 days	Thu 1/16/25	Tue 1/21/25	12		0 days	Thu 1/16/25	Tue 1/21/25	Thu 1/16/25	Wed 7/16/25
15		Erect steelwork	3 mons	Wed 1/22/25	Tue 4/15/25	14		0 mons	Wed 1/22/25	Tue 4/15/25	Wed 1/22/25	Tue 4/15/25
16		Erect wall	2 mons	Wed 4/16/25	Tue 6/10/25	15		0 mons	Wed 4/16/25	Tue 6/10/25	Wed 4/16/25	Tue 6/10/25
17		Install roofing superstructure	2 wks	Wed 6/11/25	Tue 6/24/25	16		0 wks	Wed 6/11/25	Tue 6/24/25	Wed 6/11/25	Tue 6/24/25
18		Install roofing retracting mechanism	1 wk	Wed 6/25/25	Tue 7/1/25	17		0 wks	Wed 6/25/25	Tue 7/1/25	Wed 6/25/25	Tue 7/1/25
19		Erect seating tiers	3 wks	Wed 6/25/25	Tue 7/15/25	18SS		0 wks	Wed 6/25/25	Tue 7/15/25	Wed 6/25/25	Tue 7/15/25
20		Building Construction Completed	0 days	Tue 7/15/25	Tue 7/15/25	14,15,16,17,18,19		0 days	Tue 7/15/25	Tue 7/15/25	Wed 7/16/25	Wed 7/16/25
21		Fit Out	35 days	Wed 7/16/25	Tue 9/2/25			0 days	Wed 7/16/25	Tue 9/2/25	Wed 7/16/25	Wed 9/3/25
22		Fit all windows and doors	2 wks	Wed 7/16/25	Tue 7/29/25	20		5 wks	Wed 7/16/25	Tue 7/29/25	Wed 7/16/25	Tue 9/2/25
23		Install electrical cabling	1 wk	Wed 7/16/25	Tue 7/22/25	20		4 wks	Wed 7/16/25	Tue 7/22/25	Wed 8/13/25	Tue 8/19/25
24		Install electrical fittings and fixtures	2 wks	Wed 7/23/25	Tue 8/5/25	23		4 wks	Wed 7/23/25	Tue 8/5/25	Wed 8/20/25	Tue 9/2/25
25		Install all plumbing	2 wks	Wed 7/16/25	Tue 7/29/25	20		4 wks	Wed 7/16/25	Tue 7/29/25	Wed 8/13/25	Tue 8/26/25
26		Install plumbing fixtures and fittings	1 wk	Wed 7/30/25	Tue 8/5/25	25		4 wks	Wed 7/30/25	Tue 8/5/25	Wed 8/27/25	Tue 9/2/25

	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Total Slack	Early Start	Early Finish	Late Start	Late Finish
25		Install all plumbing	2 wks	Wed 7/16/25	Tue 7/29/25	20		4 wks	Wed 7/16/25	Tue 7/29/25	Wed 8/13/25	Tue 8/26/25
26		Install plumbing fixtures and fittings	1 wk	Wed 7/30/25	Tue 8/5/25	25		4 wks	Wed 7/30/25	Tue 8/5/25	Wed 8/27/25	Tue 9/2/25
27		Lay astro turf	1 wk	Wed 7/16/25	Tue 7/22/25	20		6 wks	Wed 7/16/25	Tue 7/22/25	Wed 8/27/25	Tue 9/2/25
28		Erect handrails and fencing	2 wks	Wed 7/16/25	Tue 7/29/25	20		0 wks	Wed 7/16/25	Tue 7/29/25	Wed 7/16/25	Tue 7/29/25
29		Paint rooms, fixtures, fittings, etc.	1 mon	Wed 7/30/25	Tue 8/26/25	28		0 mons	Wed 7/30/25	Tue 8/26/25	Wed 7/30/25	Tue 8/26/25
30		Install PA system	2 days	Wed 7/23/25	Thu 7/24/25	23		23 days	Wed 7/23/25	Thu 7/24/25	Mon 8/25/25	Tue 8/26/25
31		Install video imaging equipment	3 days	Wed 7/23/25	Fri 7/25/25	23		22 days	Wed 7/23/25	Fri 7/25/25	Fri 8/22/25	Tue 8/26/25
32		Fit out control room	1 wk	Wed 8/27/25	Tue 9/2/25	29,30,31		0 wks	Wed 8/27/25	Tue 9/2/25	Wed 8/27/25	Tue 9/2/25
33		Fit Out Completed	0 days	Tue 9/2/25	Tue 9/2/25	22,23,24,25,26,27		0 days	Tue 9/2/25	Tue 9/2/25	Wed 9/3/25	Wed 9/3/25
34		Commissioning	14 days	Wed 9/3/25	Mon 9/22/25			0 days	Wed 9/3/25	Mon 9/22/25	Wed 9/3/25	Mon 9/22/25
35		Test roof mechanism	1 wk	Wed 9/3/25	Tue 9/9/25	33		0 wks	Wed 9/3/25	Tue 9/9/25	Wed 9/3/25	Tue 9/9/25
36		Test PA system	2 days	Wed 9/3/25	Thu 9/4/25	33		3 days	Wed 9/3/25	Thu 9/4/25	Mon 9/8/25	Tue 9/9/25
37		Test video imaging equipment	2 days	Wed 9/3/25	Thu 9/4/25	33		3 days	Wed 9/3/25	Thu 9/4/25	Mon 9/8/25	Tue 9/9/25
38		Test control room equipment	1 wk	Wed 9/10/25	Tue 9/16/25	35,36,37		0 wks	Wed 9/10/25	Tue 9/16/25	Wed 9/10/25	Tue 9/16/25
39		Obtain official occupancy	1 day	Wed 9/17/25	Wed 9/17/25	38		0 days	Wed 9/17/25	Wed 9/17/25	Wed 9/17/25	Wed 9/17/25
40		Obtain safety certification	2 days	Thu 9/18/25	Fri 9/19/25	39		0 days	Thu 9/18/25	Fri 9/19/25	Thu 9/18/25	Fri 9/19/25
41		Official opening	1 day	Mon 9/22/25	Mon 9/22/25	40		0 days	Mon 9/22/25	Mon 9/22/25	Mon 9/22/25	Mon 9/22/25
42		Commissioning Completed	0 days	Mon 9/22/25	Mon 9/22/25	35,36,37,38,39,41		0 days	Mon 9/22/25	Mon 9/22/25	Mon 9/22/25	Mon 9/22/25