

MODULE 5: COST, CONSTRAINTS, DEADLINE for TASKS

Exercise 1. Entering Cost

- Project information before

Project Statistics for '21123021_Exer01_Module04.mpp'			
	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	232h	\$1,544.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	24d	232h	\$1,544.00

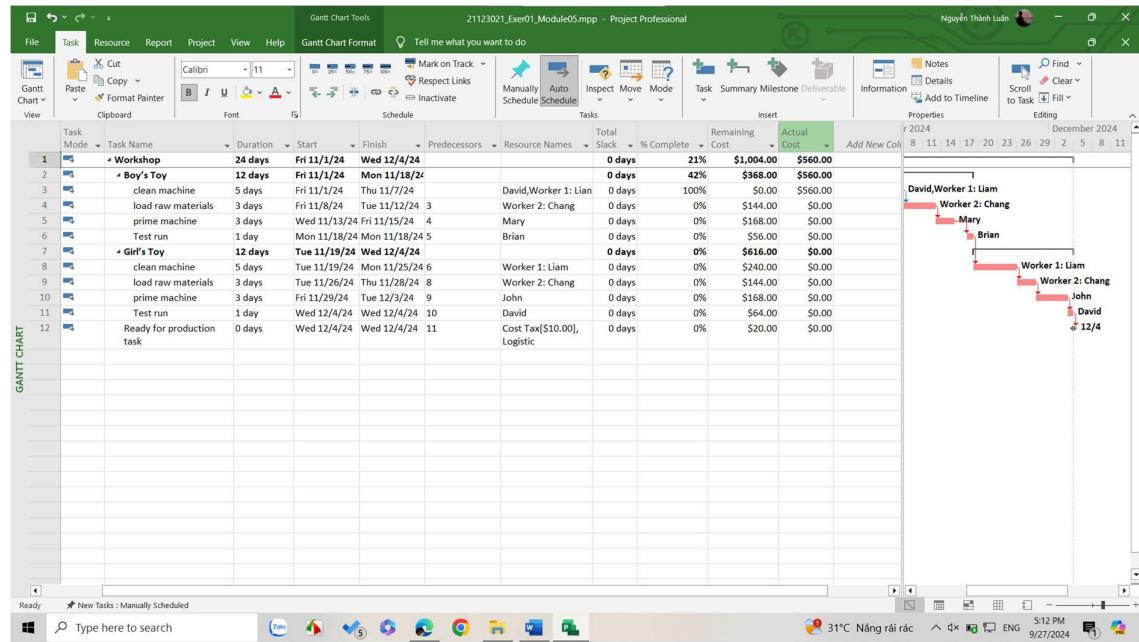
Percent complete:

Duration: 0%	Work: 0%
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- Resource Sheet

Clipboard	Font		Initials	Schedule		Tasks		In			
	Type	Material		Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue	Base	Code
David	Work		Dav	Consultant	100%	\$8.00/hr	\$0.00/hr	\$0.00	Prorated	Standard	
Brian	Work		Bri	Staff	200%	\$7.00/hr	\$0.00/hr	\$0.00	Prorated	Standard	
Mary	Work		Mar	Staff	100%	\$7.00/hr	\$0.00/hr	\$0.00	Prorated	Standard	
John	Work		Joh	Staff	100%	\$7.00/hr	\$0.00/hr	\$0.00	Prorated	Standard	
Worker 1: Liam	Work		W1	Worker	300%	\$6.00/hr	\$0.00/hr	\$0.00	Prorated	Standard	
Worker 2: Chang	Work		W2	Worker	200%	\$6.00/hr	\$0.00/hr	\$0.00	Prorated	Standard	
Cost Tax	Cost		C						Prorated		
Logistic Cost	Cost		L						Prorated		

- Gant chart



- Project information after

Project Statistics for '21123021_Exer01_Module04.mpp'			
	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	232h	\$1,564.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	24d	232h	\$1,564.00

Percent complete:
Duration: 0% Work: 0%

Close

- Project information of after 5 days

11/19/24 13 Worker 0% Change 0 days

Project Statistics for '21123021_Exer01_Module04.mpp' X

	Start	Finish	
Current	Fri 11/1/24	Wed 12/4/24	
Baseline	NA	NA	
Actual	Fri 11/1/24	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	24d	232h	\$1,564.00
Baseline	0d	0h	\$0.00
Actual	5d	80h	\$560.00
Remaining	19d	152h	\$1,004.00

Percent complete:

Duration: 21% Work: 34% Close

Exercise 2.

- Information Project before

11/19/24 13 Purple Material 1 Roll

Project Statistics for '21123021_Exer02_Module04.mpp' X

	Start	Finish	
Current	Fri 11/1/24	Mon 12/2/24	
Baseline	NA	NA	
Actual	NA	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	22d	0h	\$780.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	22d	0h	\$780.00

Percent complete:

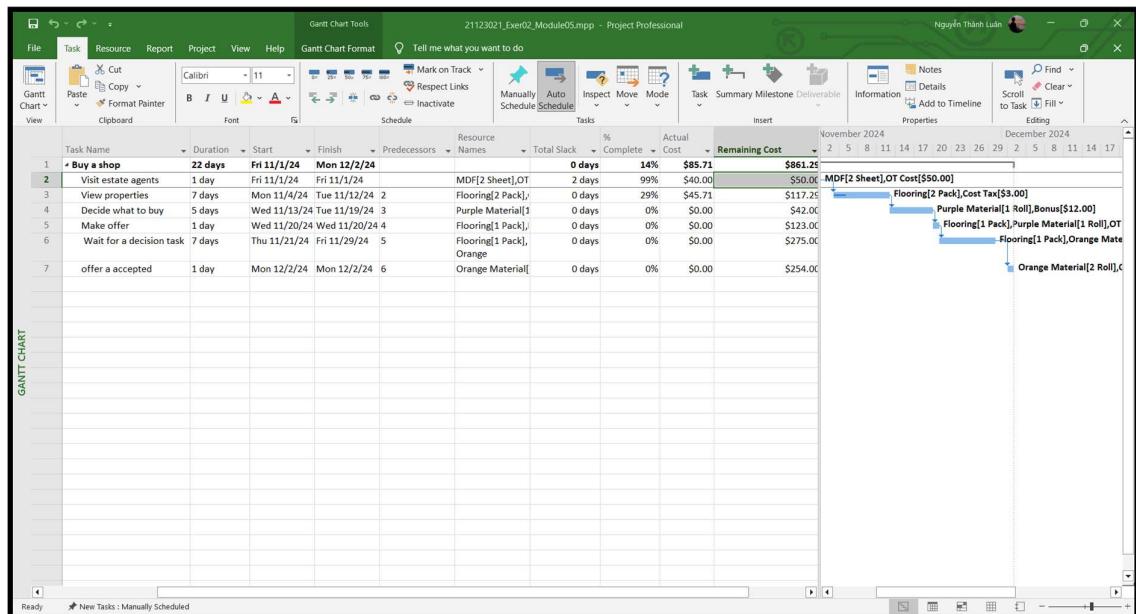
Duration: 0% Work: 0% Close

- Resource Sheet

Resource Sheet

	Resource Name	Type	Material	Initials	Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue	Base	Code	Add New Column
1	MDF	Material	Sheet	Md	Material		\$20.00		\$0.00	Prorated			
2	Flooring	Material	Pack	Fl	Material		\$80.00		\$0.00	Prorated			
3	Purple Material	Material	Roll	Pu	Material		\$30.00		\$0.00	Prorated			
4	Orange Material	Material	Roll	Or	Material		\$120.00		\$0.00	Prorated			
5	Cost Tax	Cost		C						Prorated			
6	Logista Cost	Cost		L						Prorated			
7	OT Cost	Cost		O						Prorated			
8	Bonus	Cost		B						Prorated			
9	Punishment	Cost		p						Prorated			

- Gant chart



- Information Project after

Project Statistics for '21123021_Exer02_Module05.mpp'

	Start	Finish	
Current	Fri 11/1/24	Mon 12/2/24	
Baseline	NA	NA	
Actual	NA	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	22d	0h	\$947.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	22d	0h	\$947.00

Percent complete:

Duration: 0%
Work: 0%
Close

- **Information Project after update 3 days**

Project Statistics for '21123021_Exer02_Module05.mpp'

	Start	Finish	
Current	Fri 11/1/24	Mon 12/2/24	
Baseline	NA	NA	
Actual	Fri 11/1/24	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	22d	0h	\$947.00
Baseline	0d	0h	\$0.00
Actual	3d	0h	\$85.71
Remaining	19d	0h	\$861.29

Percent complete:

Duration: 14%
Work: 0%
Close

Exercise 3.

- **Information Project**

Project Statistics for '21123021_Exer03_Module05.mpp'

	Start	Finish	
Current	Fri 9/13/24	Fri 1/31/25	
Baseline	NA	NA	
Actual	NA	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	101d	928h	\$7,300.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	101d	928h	\$7,300.00

Percent complete:

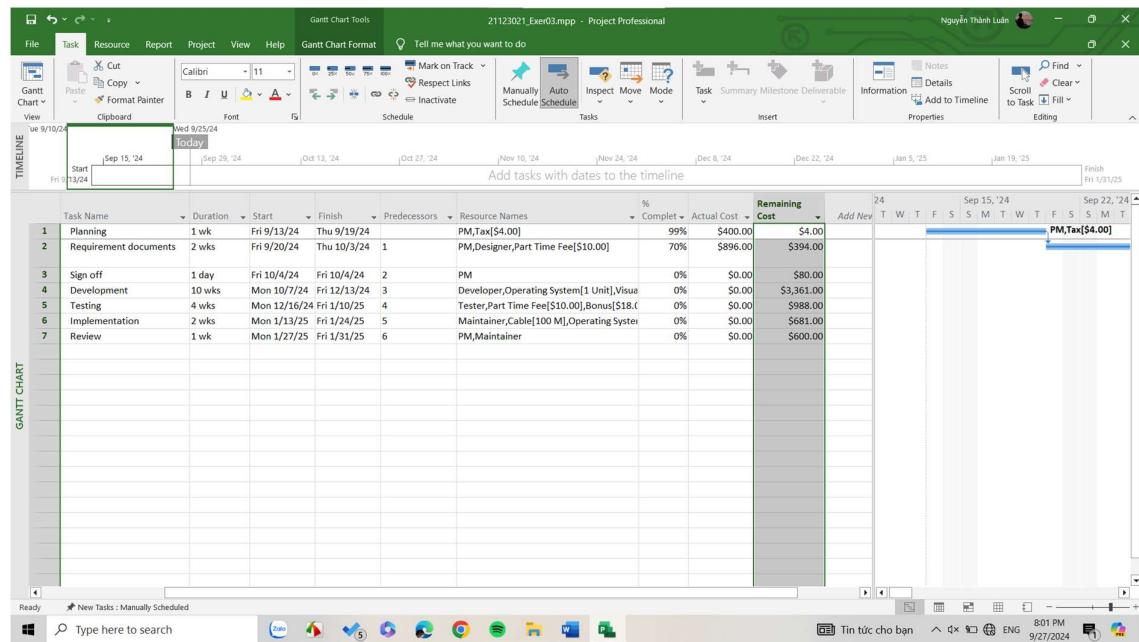
Duration: 0%	Work: 0%	Close
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- Resources Sheet

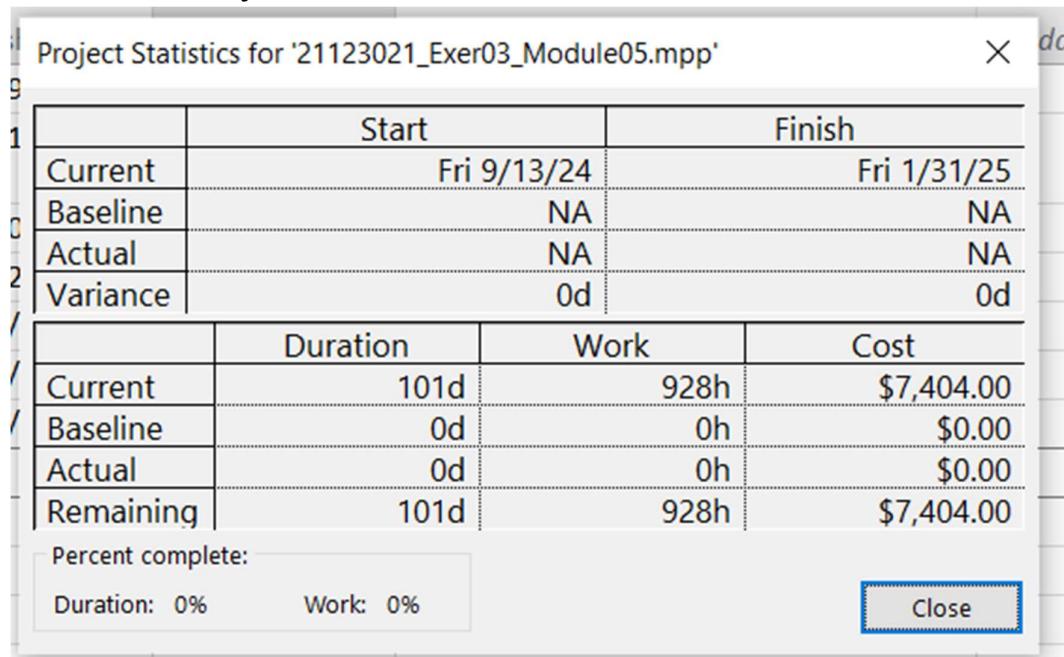
TIME Start Fri 9/13/24 | Add tasks with dates to the timeline

1	Resource Name	Type	Material	Initials	Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue	Base	Code	A
1	PM	Work		PM	Sponsor	100%	\$10.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
2	Designer	Work		Ds	Staff	100%	\$6.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
3	Developer	Work		Dp	Staff	100%	\$8.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
4	Tester	Work		Tt	Staff	100%	\$6.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
5	Maintainer	Work		M	Staff	100%	\$5.00/hr	\$0.00/hr	\$0.00	Prorated	Standard		
6	Operating System	Material	Unit	OS	Material		\$120.00		\$0.00	Prorated			
7	Internet Provider	Material	Unit	ISP	Material		\$100.00		\$0.00	Prorated			
8	Cable	Material	M	Cb	Material		\$1.00		\$0.00	Prorated			
9	Visual Studio	Material	Unit	VS	Material		\$20.00		\$0.00	Prorated			
10	Tax	Cost		T						Prorated			
11	Upgrade Fee	Cost		U						Prorated			
12	Maintain Fee	Cost		M						Prorated			
13	Bonus	Cost		B						Prorated			
14	Part Time Fee	Cost		P						Prorated			

- Gant Chart



- **Information Project after**



- **Information Project after 2 weeks**

Project Statistics for '21123021_Exer03.mpp'

	Start	Finish	
Current	Fri 9/13/24	Fri 1/31/25	
Baseline	NA	NA	
Actual	Fri 9/13/24	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	101d	928h	\$7,404.00
Baseline	0d	0h	\$0.00
Actual	12d	152h	\$1,296.00
Remaining	89d	776h	\$6,108.00

Percent complete:

Duration: 12%	Work: 16%	Close
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Exercise 4.

- Information project

Project Statistics for '21123021_Exer04_Module05.mpp'

	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	28,030h	\$175,608.00
Baseline	0d	0h	\$0.00
Actual	0d	0h	\$0.00
Remaining	248d	28,030h	\$175,608.00

Percent complete:

Duration: 0%	Work: 0%	Close
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- Resouce sheet

Resource Sheet

File Task Resource Report Project View Help Resource Sheet Format 21123021_Exer04_Module05.mpp - Project Professional

Resource Name Type Material Initials Group Max. Std. Rate Ovt. Rate Cost/Use Accrue Base Code Insert Add New Column

1 Architect Work Arc Consultant 100% \$9.00/hr \$0.00/hr \$0.00 Prorated Standard

2 Draftsperson Work Dft Staff 200% \$7.00/hr \$0.00/hr \$0.00 Prorated Standard

3 Building Clerk Work BC Staff 100% \$8.00/hr \$0.00/hr \$0.00 Prorated Standard

4 Supervisor Work Sup Staff 100% \$12.00/hr \$0.00/hr \$0.00 Prorated Standard

5 Rigger Work Rig Wages 600% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

6 Boilermaker Work BM Wages 600% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

7 Welder Work Weld Wages 500% \$6.00/hr \$0.00/hr \$0.00 Prorated Standard

8 Carpenter Work Car Wages 800% \$7.00/hr \$0.00/hr \$0.00 Prorated Standard

9 Painter Work Ptr Wages 500% \$6.00/hr \$0.00/hr \$0.00 Prorated Standard

10 Labourer Work Lab Wages 1,000% \$6.00/hr \$0.00/hr \$0.00 Prorated Standard

11 Driver Work Drv Wages 300% \$8.00/hr \$0.00/hr \$0.00 Prorated Standard

12 No Barrier Fencing Work NBF Contractor 100% \$3.00/hr \$0.00/hr \$0.00 Prorated Standard

13 Rock Solid Work RSC Contractor 100% \$4.00/hr \$0.00/hr \$0.00 Prorated Standard

14 Listen Ear Audio Work LEA Contractor 100% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

15 In Focus Video Work IFV Contractor 100% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

16 Pure Grass Turf Work PGT Contractor 100% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

17 Building Inspector Work BI Government 100% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

18 High Jib Crane Work HJC Equipment 100% \$7.00/hr \$0.00/hr \$0.00 Prorated Standard

19 Grader Work Grd Equipment 200% \$6.00/hr \$0.00/hr \$0.00 Prorated Standard

20 Air Compressor Work AC Equipment 100% \$7.00/hr \$0.00/hr \$0.00 Prorated Standard

21 Utility Work Ute Equipment 200% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

22 Electrician Work Cap Staff 400% \$7.00/hr \$0.00/hr \$0.00 Prorated Standard

23 Plumber Work Plu Staff 400% \$5.00/hr \$0.00/hr \$0.00 Prorated Standard

24 Astro Turf Material Grass Material \$12.00 \$0.00 Prorated

25 Paint Material Paint Ute \$20.00 \$0.00 Prorated

26 Tax Cost T \$0.00 Prorated

27 Bouns Cost B \$0.00 Prorated

28 Part Time Fee Cost P \$0.00 Prorated

29 Logistic Cost Cost L \$0.00 Prorated

Ready New Tasks : Manually Scheduled

Type here to search

JPY/VND +1,05% 8:04 PM 9/27/2024

- Gant chart

Gantt Chart

File Task Resource Report Project View Help Gantt Chart Format 21123021_Exer04_Module05.mpp - Project Professional

Status Date: 12/2/24 ABC Spelling

Insert Add-ins Project Information Fields Links Between Projects WBS Change Working Time Calculate Project Set Baseline Move Project Schedule Status Proofing

Task Mode Task Name Duration Start Finish Predec Names Resource Names Total Slack Late Start Late Finish % Complete Actual Cost Add

1 Planning 43 days Thu 10/10/24 Mon 12/9/24 Architect, Draftsperson 0 days Thu 10/10/24 Tue 12/10/24 88% \$4,800.00

2 Creating architectural plans 3 wks Thu 10/10/24 Wed 10/30/24 Architect, Draftsperson 0 wks Thu 10/10/24 Wed 10/30/24 100% \$3,000.00

3 Creating architectural plans 1 mon Thu 10/31/24 Wed 11/27/24 2 Architect 0 mons Thu 10/31/24 Wed 11/27/24 100% \$1,440.00

4 Order materials 8 days Thu 11/28/24 Mon 12/9/24 3 Draftsperson 0 days Thu 11/28/24 Mon 12/9/24 38% \$360.00

5 Planning Completed 0 days Mon 12/9/24 Mon 12/9/24 4,2,3 Part Time Fee 0 days Tue 12/10/24 Tue 12/10/24 0% \$0.00

6 Site Works 27 days Tue 12/10/24 Wed 1/15/25 0 days Tue 12/10/24 Thu 1/16/25 0% \$0.00

7 Erect fencing 3 days Tue 12/10/24 Thu 12/12/24 5 No Barrier Fencing 0 days Tue 12/10/24 Thu 12/12/24 0% \$0.00

8 Erect site building 4 days Fri 12/13/24 Wed 12/18/24 7 Carpenter[400%] 0 days Fri 12/13/24 Wed 12/18/24 0% \$0.00

9 Clear and level site 3 wks Thu 12/19/24 Wed 1/8/25 8 Supervisor[Gr 0 wks Thu 12/19/24 Wed 1/8/25 0% \$0.00

10 Prepare drainage infrastructure 1 wk Thu 1/9/25 Wed 1/15/25 9 Supervisor[5C] 0 wks Thu 1/9/25 Wed 1/15/25 0% \$0.00

11 Prepare cabling infrastructure 1 wk Thu 1/9/25 Wed 1/15/25 9 Supervisor[5C] 0 wks Thu 1/9/25 Wed 1/15/25 0% \$0.00

12 Site Works Completed 0 days Wed 1/15/25 Wed 1/15/25 11,7,8,9,1, Logistic Cost[1] 0 days Thu 1/16/25 Thu 1/16/25 0% \$0.00

13 Building Construction 129 days Thu 1/16/25 Tue 7/19/25 0 days Thu 1/16/25 Wed 7/16/25 0% \$0.00

14 Pour foundations 4 days Thu 1/16/25 Tue 1/21/25 12 Rock Solid Co 0 days Thu 1/16/25 Tue 1/21/25 0% \$0.00

15 Erect steelwork 3 mons Wed 1/22/25 Tue 4/15/25 14 Supervisor[5C] 0 mons Wed 1/22/25 Tue 4/15/25 0% \$0.00

16 Erect wall 2 mons Wed 4/16/25 Tue 6/10/25 15 Supervisor[5C] 0 mons Wed 4/16/25 Tue 6/10/25 0% \$0.00

17 Install roofing superstructure 2 wks Wed 6/11/25 Tue 6/24/25 16 Supervisor[5C] 0 wks Wed 6/11/25 Tue 6/24/25 0% \$0.00

18 Install roofing retracting mechanism 1 wk Wed 6/25/25 Tue 7/1/25 17 Supervisor[5C] 0 wks Wed 6/25/25 Tue 7/1/25 0% \$0.00

19 Erect seating tiers 3 wks Wed 6/25/25 Tue 7/15/25 185\$ Supervisor[5C] 0 wks Wed 6/25/25 Tue 7/15/25 0% \$0.00

20 Building Construction Completed 0 days Tue 7/15/25 Tue 7/15/25 19,14,15, Logistic Cost[\$1] 0 days Wed 7/16/25 Wed 7/16/25 0% \$0.00

21 Fit Out 35 days Wed 7/16/25 Tue 9/2/25 0 days Wed 7/16/25 Wed 9/3/25 0% \$0.00

22 Fit all windows and doors 2 wks Wed 7/16/25 Tue 7/29/25 20 Carpenter[50] 5 wks Wed 8/20/25 Tue 9/2/25 0% \$0.00

Ready New Tasks : Manually Scheduled

Type here to search

31°C Nắng ráo rác 8:10 PM 9/27/2024

- Information project after 1 month

Project Statistics for '21123021_Exer04_Module05.mpp'

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

	Duration	Work	Cost
Current	248d	28,030h	\$177,512.00
Baseline	0d	0h	\$0.00
Actual	30.21d	598h	\$4,800.00
Remaining	217.79d	27,432h	\$172,712.00

Percent complete:

Duration: 12%	Work: 2%	Close
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- Update Project after 4,5 month? Cost of Project?

- 4 month

Project Statistics for '21123021_Exer04_Module05.mpp'

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

	Duration	Work	Cost
Current	248d	28,030h	\$177,512.00
Baseline	0d	0h	\$0.00
Actual	54.85d	1,590h	\$12,652.00
Remaining	193.15d	26,440h	\$164,860.00

Percent complete:

Duration: 22%	Work: 6%	Close
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- 5 month

11/27/24 | 2 Architect 0 mons Thu 10/31/24 Wed 11/27

Project Statistics for '21123021_Exer04_Module05.mpp'

X

	Start	Finish	
Current	Thu 10/10/24	Mon 9/22/25	
Baseline	NA	NA	
Actual	Thu 10/10/24	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	248d	28,030h	\$177,512.00
Baseline	0d	0h	\$0.00
Actual	73.92d	4,846h	\$31,972.00
Remaining	174.08d	23,184h	\$145,540.00

Percent complete:

Duration: 30% Work: 17%

Close

- 6 month

11/27/24 | 2 Architect 0 mons Thu 10/31/24 Wed 11/27

Project Statistics for '21123021_Exer04_Module05.mpp'

X

	Start	Finish	
Current	Thu 10/10/24	Mon 9/22/25	
Baseline	NA	NA	
Actual	Thu 10/10/24	NA	
Variance	0d	0d	
	Duration	Work	Cost
Current	248d	28,030h	\$177,512.00
Baseline	0d	0h	\$0.00
Actual	89.82d	9,246h	\$57,572.00
Remaining	158.18d	18,784h	\$119,940.00

Percent complete:

Duration: 36% Work: 33%

Close