

Group Name: Group C

Team Member: Simranjit Singh, Mansi, Manvi ,
Lovepreet

2. Identify the project finish date

Project Finish Date : 29th April 2020

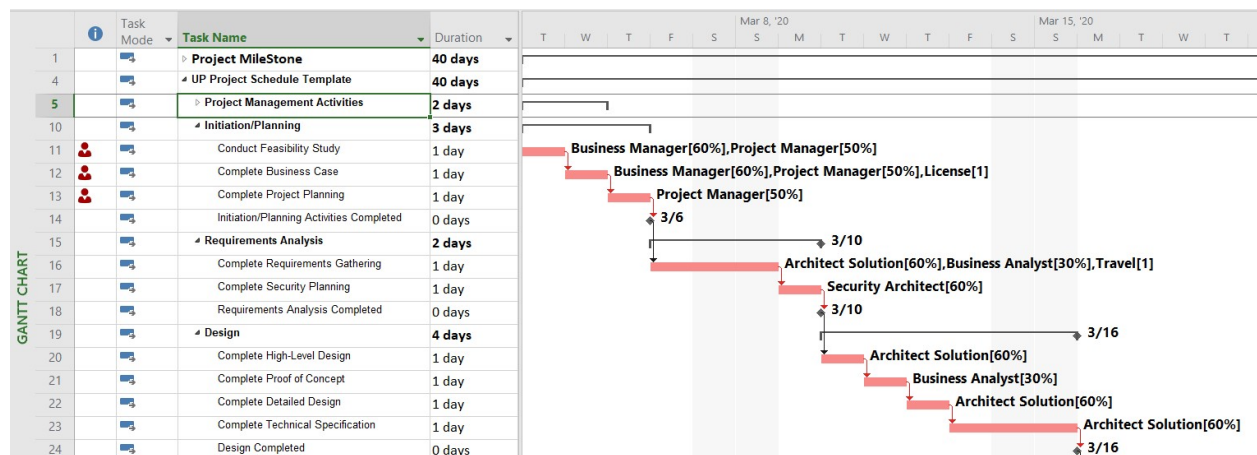
3. Identify the project cost

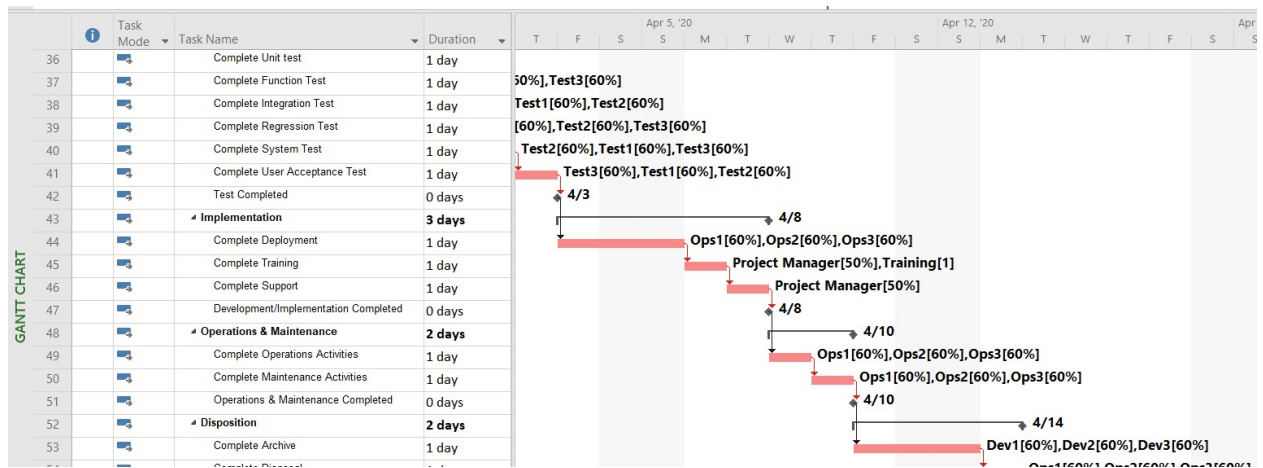
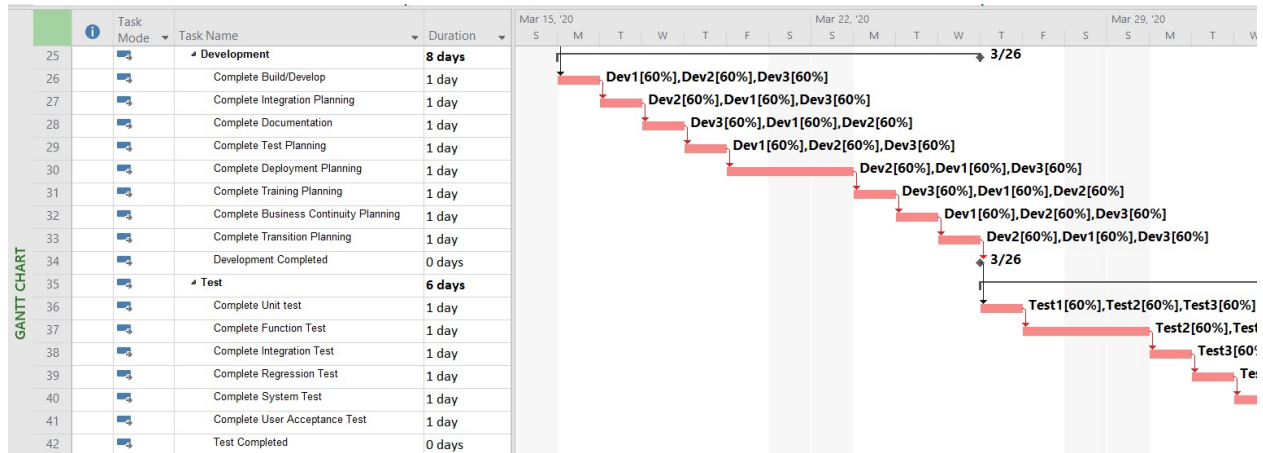
Project Cost : \$31,492 (with one travel)

4. Identify the project duration

Project Duration : 40 days

5 & 6. Show the critical path and list of activities in the critical path.






7.Display resource sheet

Resource Sheet

RESOURCE SHEET			Resource Name	Type	Material	Initials	Group	Max.	Std. Rate	Ovt. Rate	Cost/Use	Accrue	Base
	1		Project Manager	Work		P		50%	\$50.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	2		Business Manager	Work		B		60%	\$70.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	3		Business Analyst	Work		B		30%	\$70.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	4		Architect Solution	Work		A		60%	\$70.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	5		Security Architect	Work		S		60%	\$70.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	6		Dev1	Work		D		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	7		Dev2	Work		D		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	8		Dev3	Work		D		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	9		Test1	Work		T		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	10		Test2	Work		T		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	11		Test3	Work		T		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	12		Ops1	Work		O		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	13		Ops2	Work		O		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	14		Ops3	Work		O		60%	\$40.00/hr	\$0.00/hr	\$0.00	Prorated	606 Project
	15		License	Material		L			\$5,000.00		\$0.00	Prorated	
	16		Training	Material		T			\$3,000.00		\$0.00	Prorated	
	17		Travel	Material		T			\$2,500.00		\$0.00	Prorated	

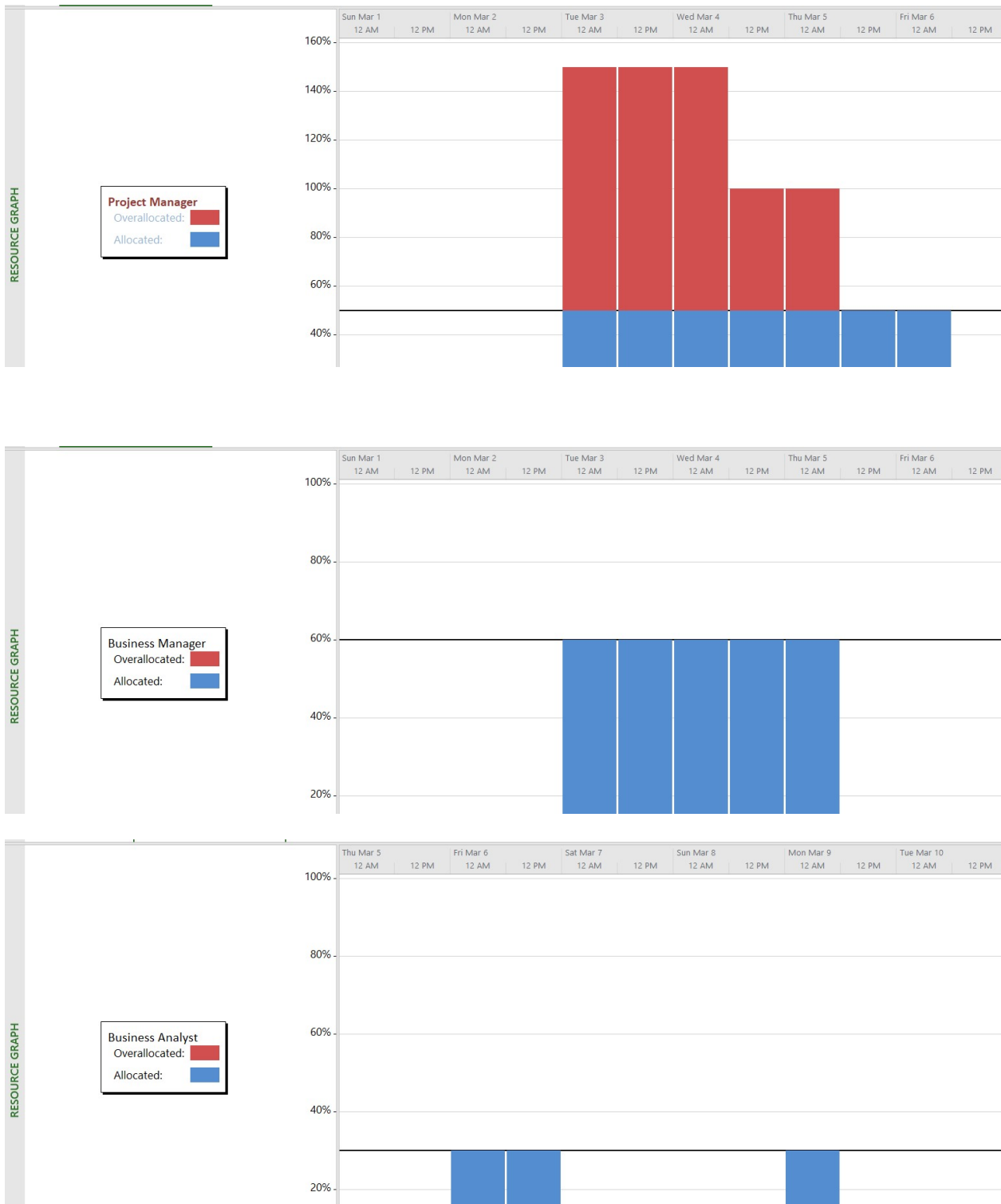
8.Display team planned

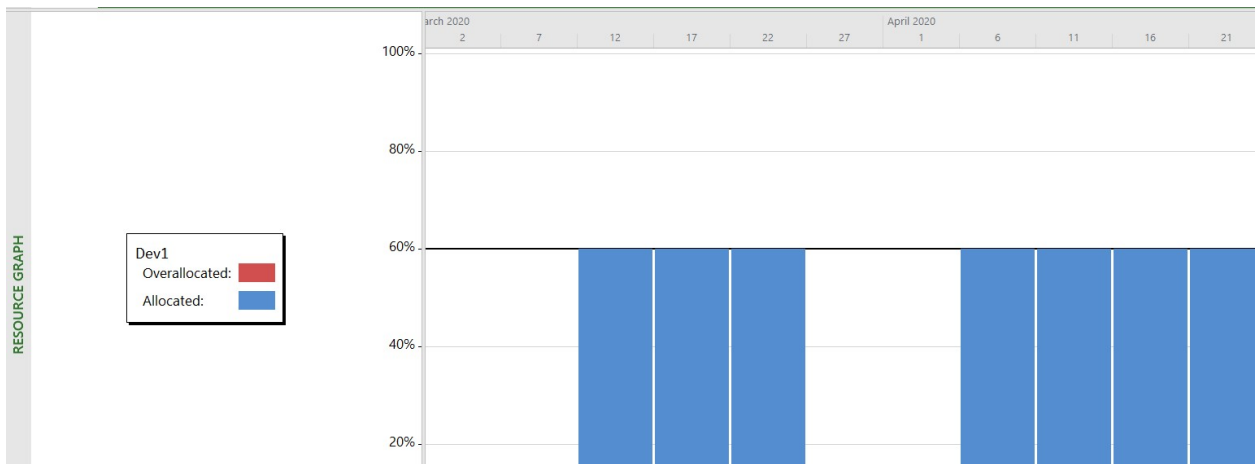
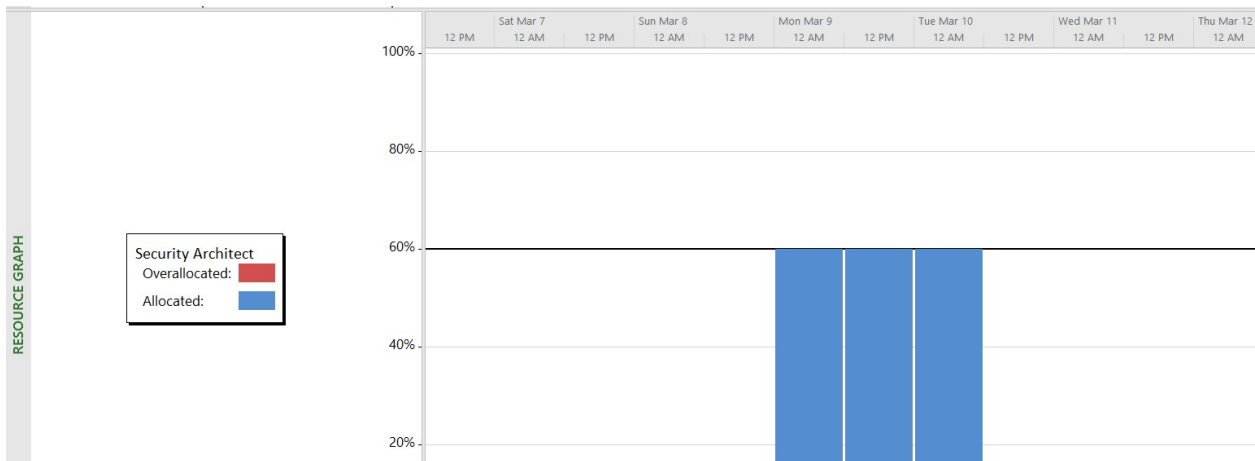
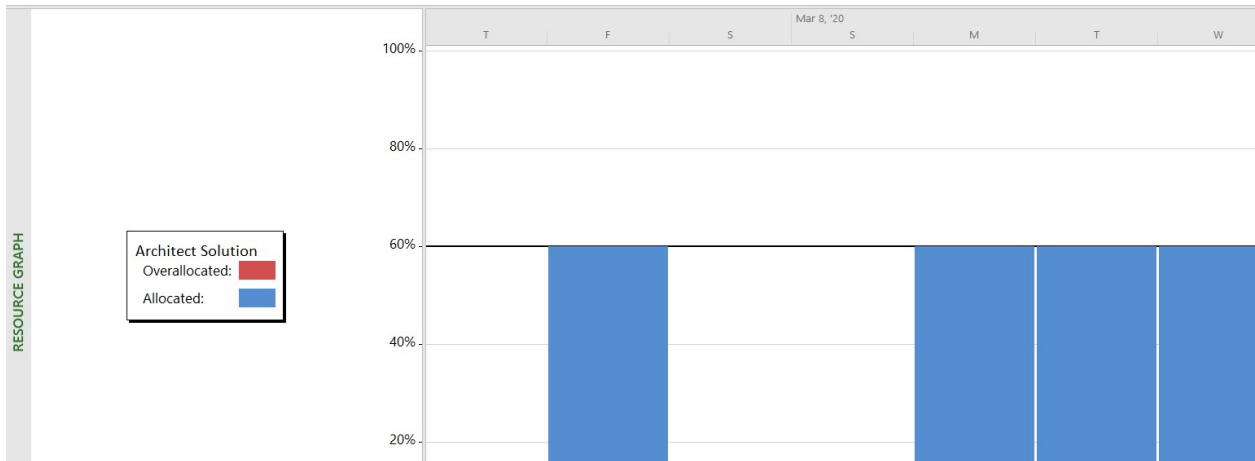
Team Plan

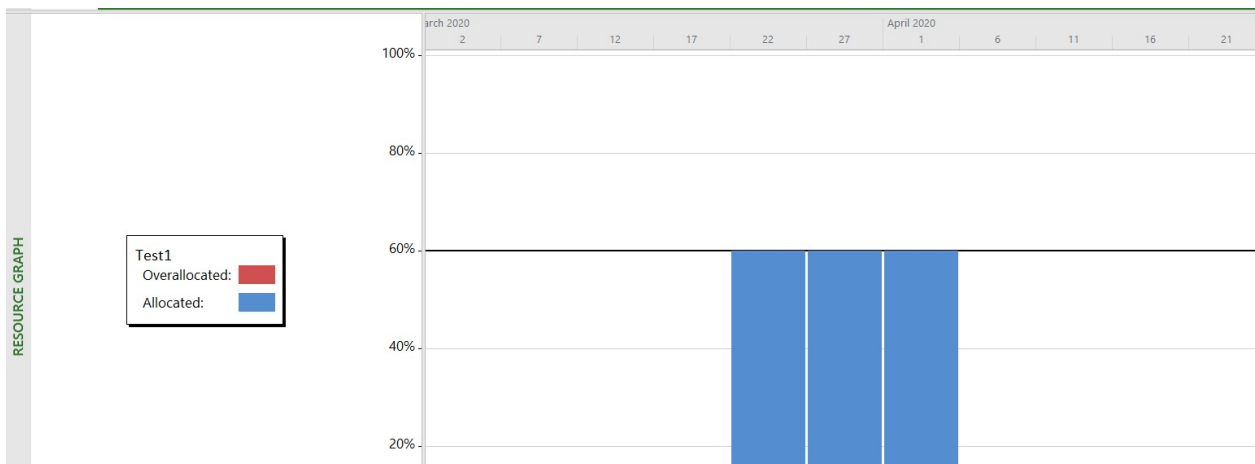
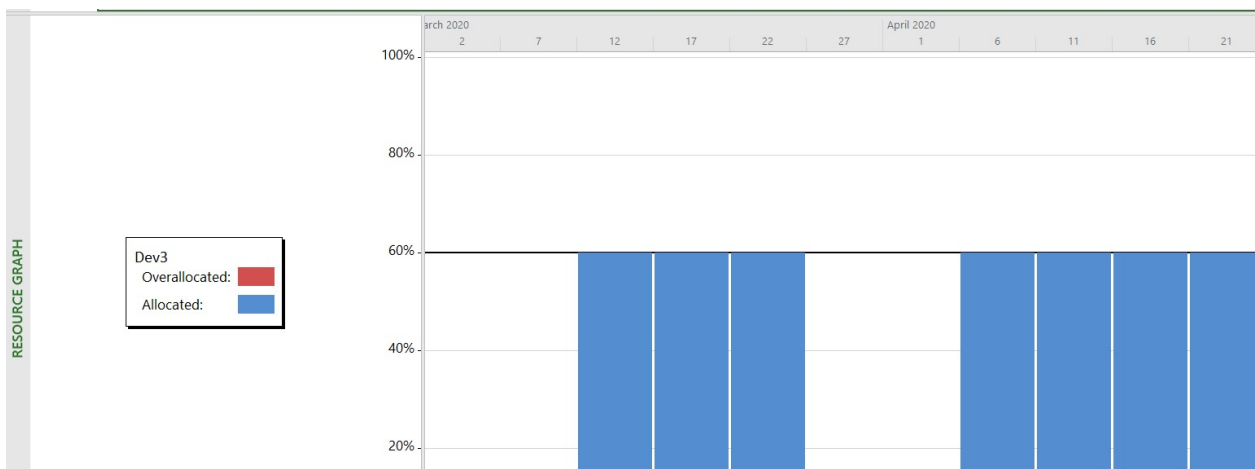
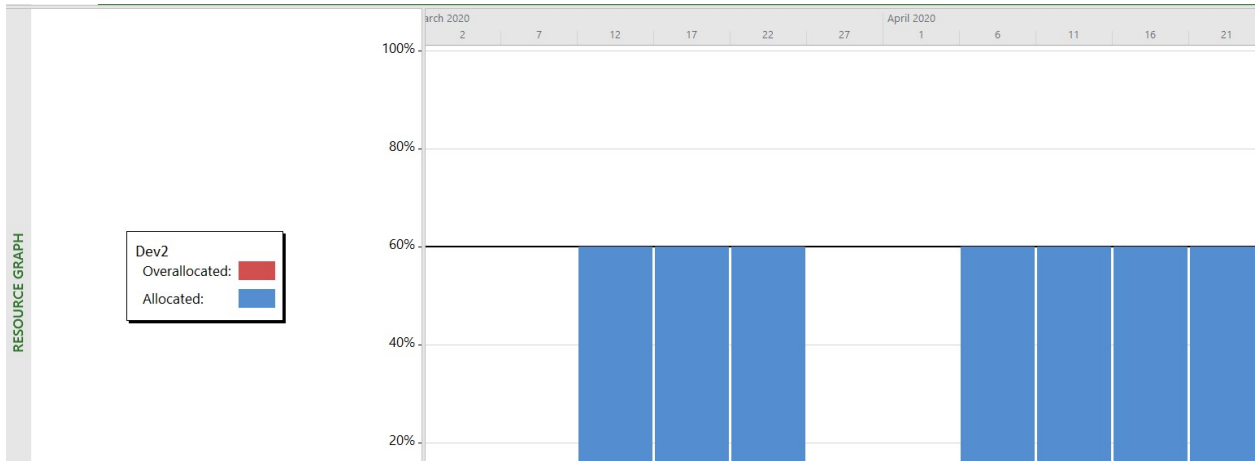
Resource Name	Unscheduled Tasks	March 2020														April 2020										
		27	29	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	1	3	5	7	9	11	13	15
 Project Manager				C Pr C C M B C Fe	C Pr															C Tr	C Su					
Business Manager				C Fe C B																						
Business Analyst						Comple Require		C Pr																		
Architect Solution						Comple Require		C Hi	C D	Comple Technical																
Security Architect							C Se																			
Dev1											C B B In	C D Te	C Te Deploy	C Tr B	C Tr								Comple Archive		Contig	

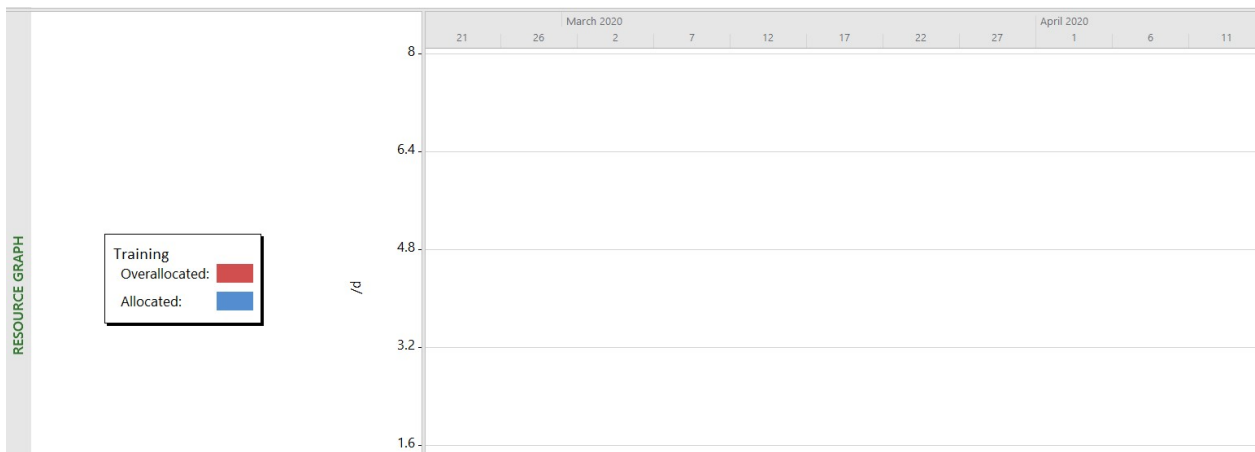
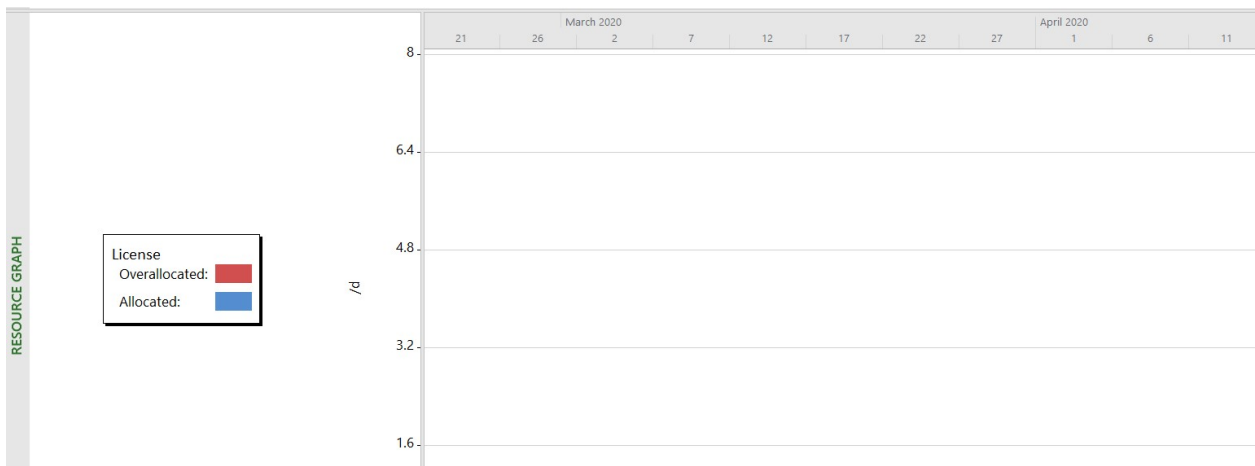
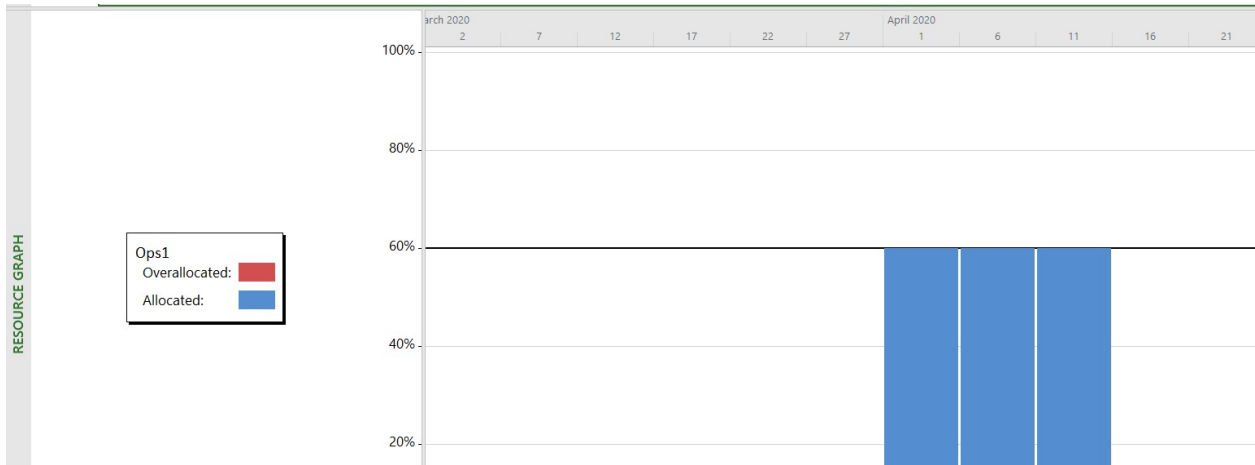
9. Display resource graph

Resource Graph









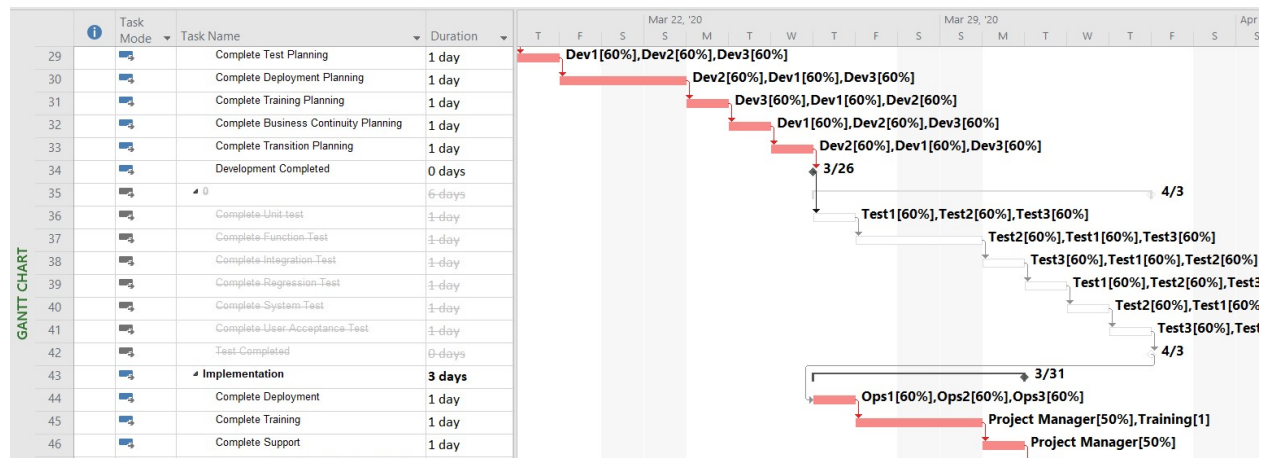
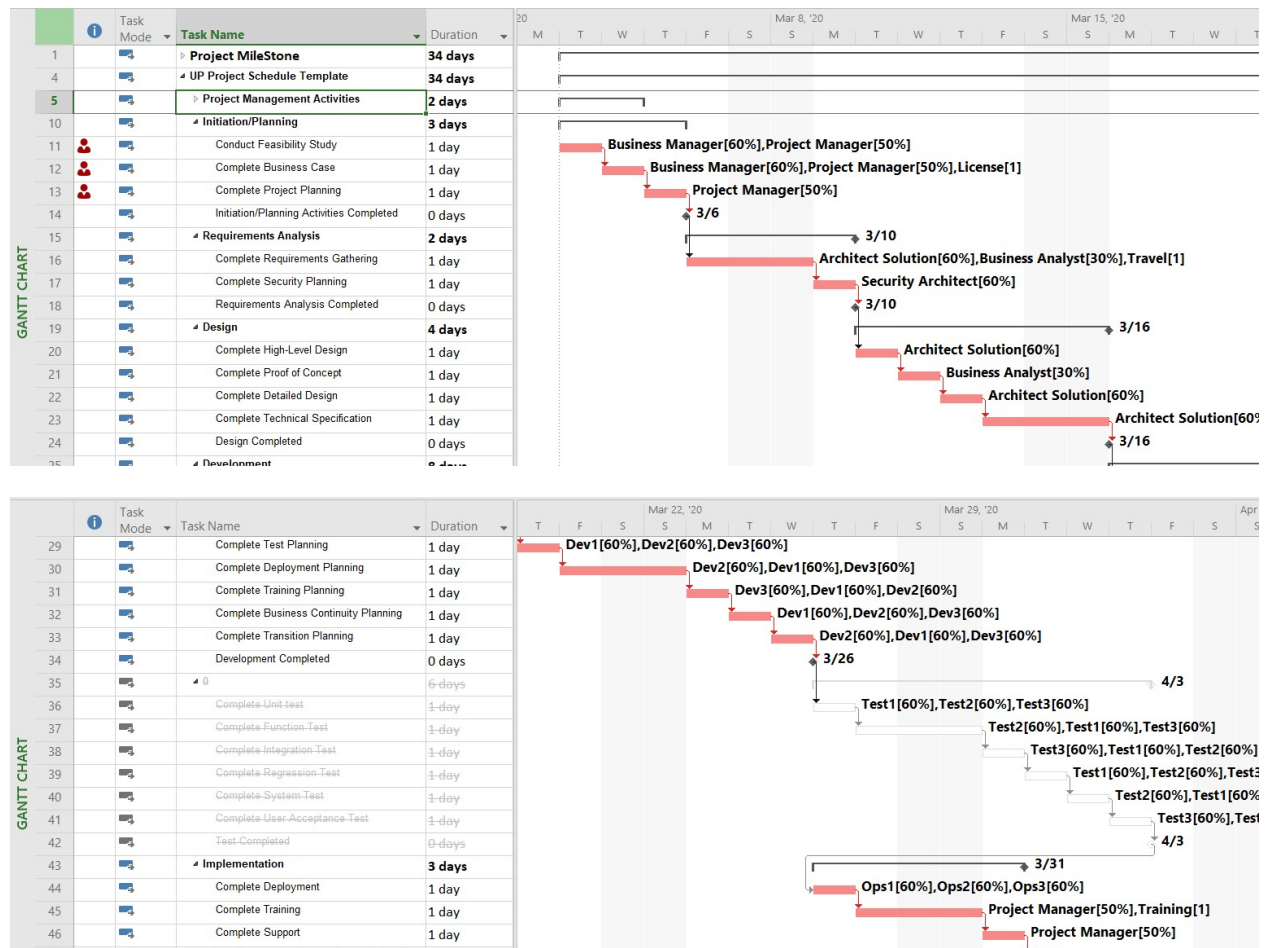
12. Provide results 2,3,4,5,6 if test is inactive

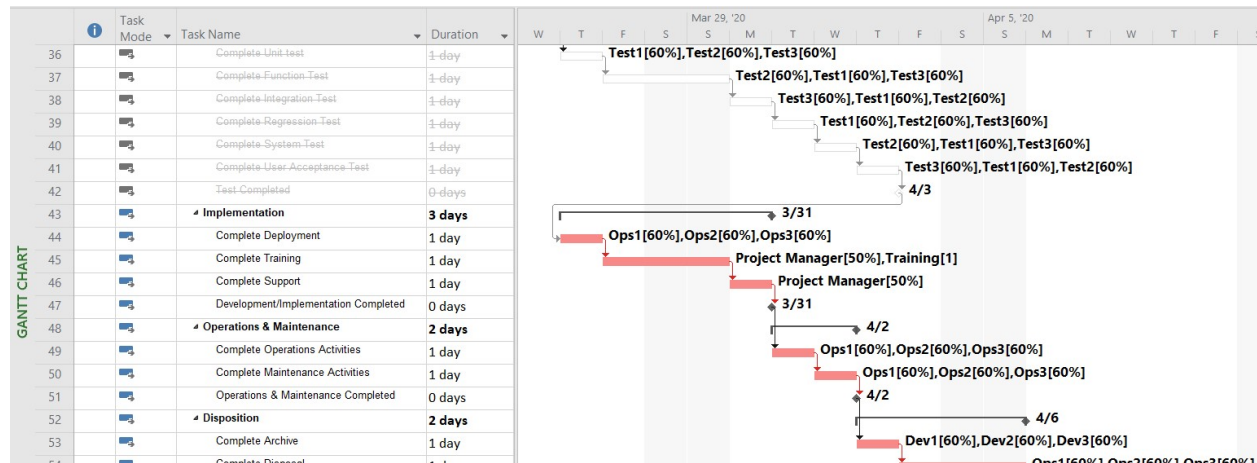
Project Finish Date : 20th April 2020

Project Cost : \$28,036

Project Duration : 34 days

Critical Path and Activities in Critical Path :





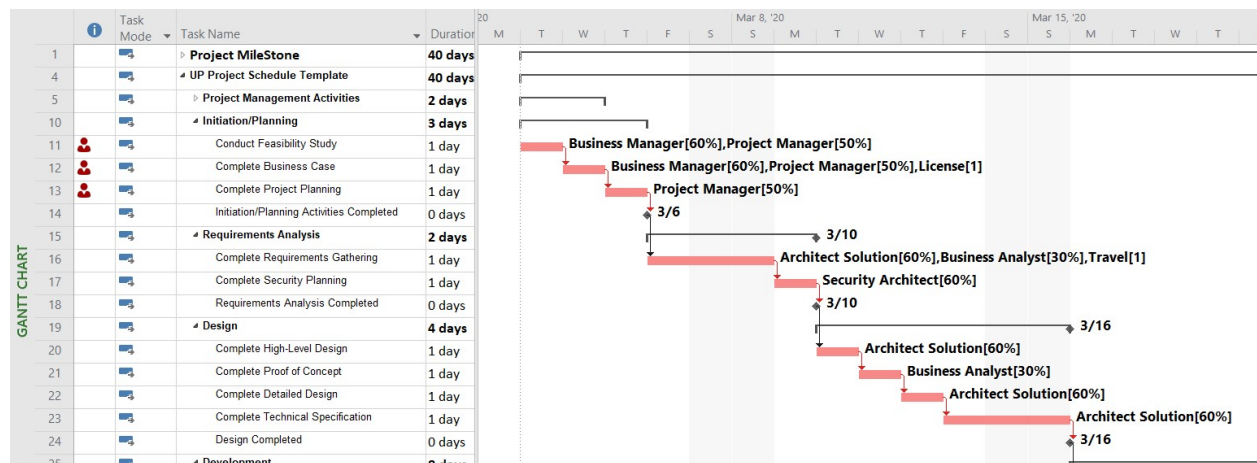
13. Configure implementation activities as late as possible. Provide results 2,3,4,5,6

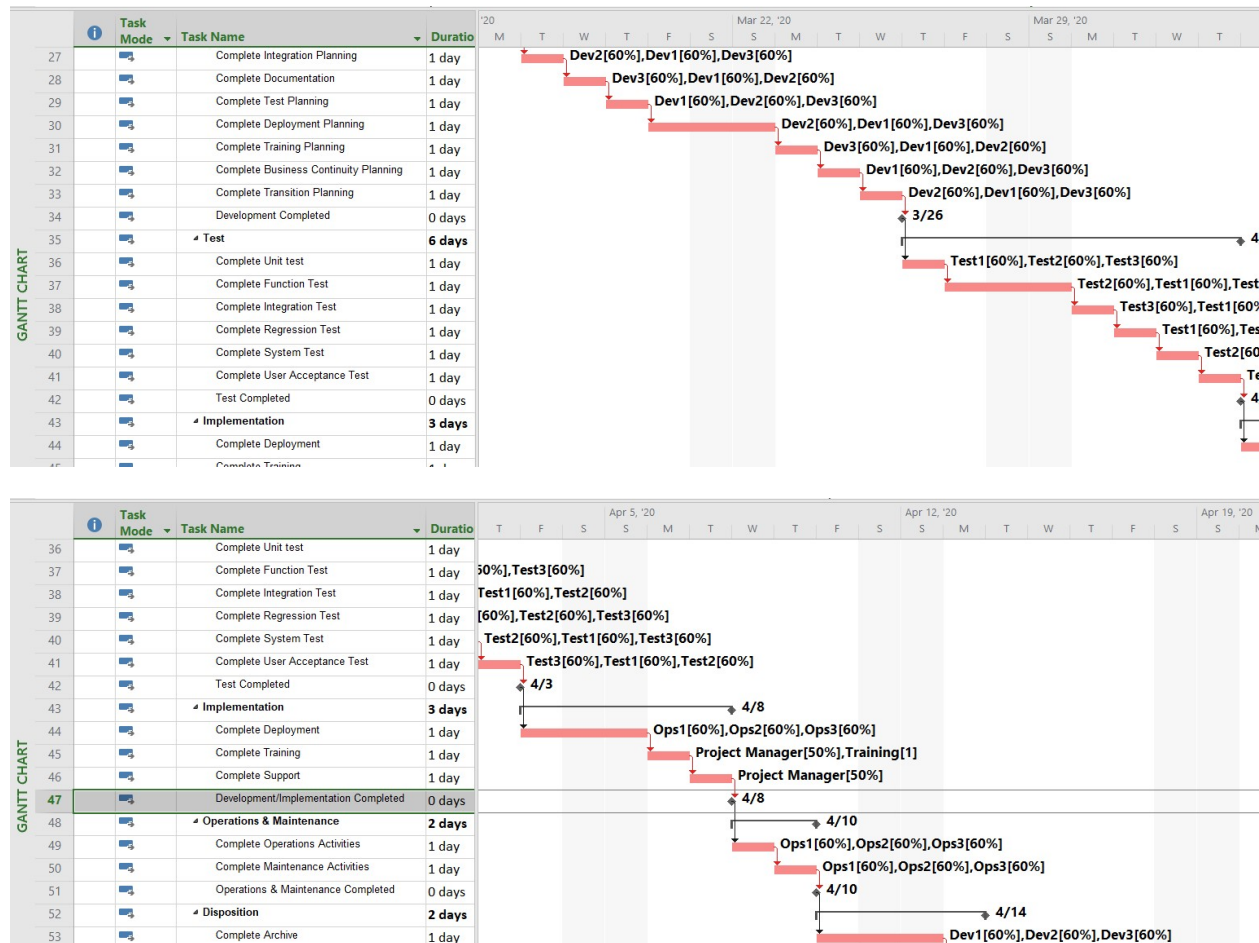
Project Finish Date : 29th April 2020

Project Cost : \$31,492

Project Duration : 40 Days

Critical Path and Activities in Critical Path :





14. What do you notice about resource allocation?

Ans. Project Manager is overallocated.

As per the given scenario, Project Manager have to be allocated 50% to the project, and for few work package predecessors are not given. This is the main reason for overallocation.

1		Project MileStone	40 days	Tue 3/3/20	Wed 4/29/20		
4		UP Project Schedule Template	40 days	Tue 3/3/20	Wed 4/29/20		
5		Project Management Activities	2 days	Tue 3/3/20	Thu 3/5/20		
6		Complete Project Charter	1 day	Tue 3/3/20	Wed 3/4/20	2	Project Manager[50%]
7		Complete Project Management Plan	1 day	Wed 3/4/20	Thu 3/5/20	6	Project Manager[50%]
8		Conduct Monitoring & Controlling Activities	1 day	Tue 3/3/20	Wed 3/4/20		Project Manager[50%]
9		UP Management Activities Completed	0 days	Tue 3/3/20	Tue 3/3/20		Project Manager[50%]
10		Initiation/Planning	3 days	Tue 3/3/20	Fri 3/6/20		
11		Conduct Feasibility Study	1 day	Tue 3/3/20	Wed 3/4/20		Business Manager[60%], Project Manager[50%]
12		Complete Business Case	1 day	Wed 3/4/20	Thu 3/5/20	11	Business Manager[60%], Project Manager[50%]
13		Complete Project Planning	1 day	Thu 3/5/20	Fri 3/6/20	12	Project Manager[50%]

But if we provide the predecessor for the work packages that are assigned to the Project Manager, then this overallocation problem will be resolved.