Analysis:

Project1 (Assignment 1) is scheduled to start from 05/31/2022 it ends on 01/06/2023 It takes close to 7 months to finish the project.

Resource Pool:

ID	ⓘ	Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use	Accrue At	Base Calendar	Code
1		Project Manager	Work		PM1		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
2		Requirement Engineers 1	Work		RE4		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
3		Requirement Engineers 2	Work		RE5		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
4		Requirement Engineers 3	Work		RE6		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
5		Requirement Engineers 4	Work		RE7		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
6		System Engineers 1	Work		SE5		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
7		**System Engineers 2**	Work		SE6		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
8		**System Engineers 3**	Work		SE7		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
9		**System Engineers 4**	Work		SE8		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
10		Programmers/Software Engineers 1	Work		PE3		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
11		**Programmers/Softwa Engineers 2**	Work		PE 4		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
12		**Programmers/Softwa Engineers 3**	Work		PE5		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
13		**Programmers/Softwa Engineers 4**	Work		PE6		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
14		**Programmers/Softwa Engineers 5**	Work		PE7		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
15		**Programmers/Softwa Engineers 6**	Work		PE8		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
16		**Programmers/Softwa Engineers 7**	Work		PE9		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
17		**Programmers/Softwa Engineers 8**	Work		PE10		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
18		Test Engineers 1	Work		TE2		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
19		**Test Engineers 2**	Work		TE3		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
20		**Test Engineers 3**	Work		TE5		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
21		**Test Engineers 4**	Work		TE304		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
22		**Test Engineers 5**	Work		TE302		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
23		**Test Engineers 6**	Work		TE2403		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
24		**Test Engineers 7**	Work		TE404		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
25		Documentation Engineers 1	Work		DE6		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
26		**Documentation Engineers 2**	Work		DE7		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	
27		**Documentation Engineers 3**	Work		DE8		100%	$0.00/hr	$0.00/hr	$0.00	Prorated	Standard	

With 27 Resources working on the Project for 8 hours Five days a week (Monday to Friday).

Project 2(Assignment 2) is scheduled to start from 06/03/22 it ends on 01/06/2023 it takes close to over 7 months to finish the project while sharing the resource pool with project (Assignment 1).

Resources are allocated **fairly equally** to both projects.

Resources used for Project2(Assignment 2) are 28 resources used to finish the project along with project 1

1	Project Manager 2
2	Documentation Engineers 7
3	Documentation Engineers 8
4	Documentation Engineers 9
5	Programmers/Software Engineers 7
6	Programmers/Software Engineers 8
7	Programmers/Software Engineers 9
8	Programmers/Software Engineers 10
9	Programmers/Software Engineers 11
10	Programmers/Software Engineers 12
11	Programmers/Software Engineers 13
12	Programmers/Software Engineers 14
13	Programmers/Software Engineers 15
14	Requirement Engineers 10
15	System Engineers 8
16	System Engineers 9
17	System Engineers 10
18	System Engineers 11
19	System Engineers 12
20	System Engineers 13
21	Test Engineers 4
22	Test Engineers 5
23	Test Engineers 6
24	Test Engineers 8
25	Test Engineers 9
26	Test Engineers 10
27	Test Engineers 11
28	Test Engineers 12