

Question 7: What is the earliest finish date for this project if it is scheduled to start on 10/25/21?

Answer: 3/30/22

Question 8: Can this project be completed 2 months after it starts?

Answer: No. The biggest bottleneck for the schedule is the limited PE.

Questions: Submit your Comments regarding the start and completion dates and resources assignments for the three projects in a PDF document called Analysis.pdf.

Answer:

Project 1: Mon 9/27/21 – Thu 1/20/22

Project 2: Thu 10/7/21 – Wed 1/12/22

Project 3: Mon 10/25/21 – Wed 3/30/22

WBS and Network Diagram are both shown in the mpp file

Document and Comment WBS :

Project 1 is having the below phases:

1. Project Plan
2. Risk Mitigation and Contingency Plan
3. Requirement
4. Analysis
5. Design
6. Code and Unit Test
7. Testing
8. Documentation

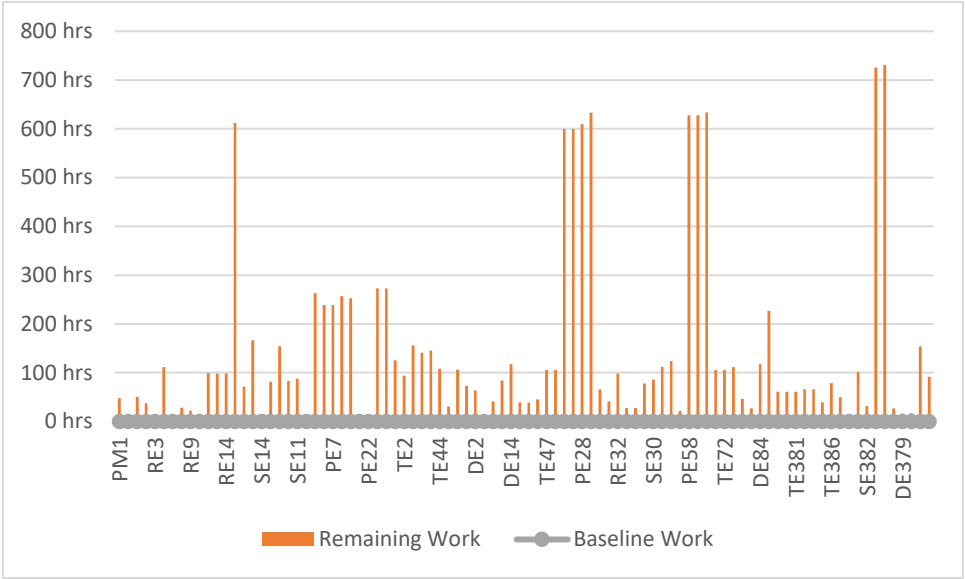
Project 2 is having the below phases:

1. Project Plan
2. Requirement
3. Lab and Environment Setup
4. Analysis and Design Document
5. Data Model
6. Code and Unit Test
7. Testing
8. Documentation
9. Training

Project 3 is having the below phases:

1. Project Plan
2. Document software development Process update
3. Requirement
4. Build the development and Testing Environment
5. Analysis
6. Design
7. Coding
8. Testing
9. Documentation

Resource pool utilization:



Name	Start	Finish	Remaining Work
PM1	Mon 9/27/21	Tue 10/5/21	40.08 hrs
PM2	Mon 10/25/21	Tue 10/26/21	14.4 hrs
RE1	Mon 10/4/21	Tue 1/11/22	50.56 hrs
RE2	Tue 10/5/21	Mon 1/17/22	37.04 hrs
RE3	Tue 10/5/21	Thu 10/7/21	14.64 hrs
RE7	Thu 10/7/21	Thu 10/28/21	111.68 hrs
RE8	NA	NA	0 hrs
RE10	Tue 10/5/21	Thu 11/4/21	28 hrs
RE9	Mon 11/8/21	Mon 11/29/21	22.16 hrs
RE15	Thu 10/7/21	Thu 10/21/21	11.68 hrs
PM3	Thu 10/7/21	Mon 10/25/21	99.84 hrs
RE13	Thu 10/7/21	Mon 10/25/21	98 hrs
RE14	Thu 10/7/21	Mon 10/25/21	98 hrs
PE25	Mon 10/4/21	Thu 3/24/22	612 hrs
SE13	Thu 10/7/21	Mon 1/17/22	71.28 hrs
TE49	Thu 10/7/21	Tue 11/30/21	166.64 hrs
SE14	NA	NA	0 hrs
SE15	Thu 10/7/21	Thu 10/21/21	81.28 hrs
SE16	Thu 10/7/21	Tue 11/30/21	154.4 hrs
SE9	Fri 11/12/21	Fri 11/26/21	83.36 hrs
SE11	Mon 10/11/21	Mon 10/25/21	88 hrs
SE12	Wed 11/3/21	Thu 11/4/21	13.36 hrs
PE4	Mon 10/4/21	Thu 1/20/22	262.72 hrs
PE5	Tue 11/30/21	Thu 1/20/22	238.96 hrs
PE7	Tue 11/30/21	Thu 1/20/22	238.96 hrs
PE8	Tue 11/30/21	Thu 1/20/22	257.44 hrs
PE12	Mon 11/8/21	Thu 1/20/22	252.8 hrs
PE13	Wed 11/3/21	Thu 11/4/21	13.36 hrs
PE22	NA	NA	0 hrs
PE23	Fri 11/19/21	Wed 1/12/22	272.88 hrs
PE24	Fri 11/19/21	Wed 1/12/22	272.88 hrs

TE1	Mon 10/4/21	Wed 3/30/22	125.52 hrs
TE2	Thu 10/7/21	Thu 1/20/22	93.68 hrs
TE3	Thu 10/28/21	Thu 1/20/22	156 hrs
TE7	Wed 10/13/21	Wed 1/19/22	140.88 hrs
TE8	Wed 10/13/21	Thu 1/20/22	145.6 hrs
TE44	Wed 10/13/21	Fri 12/10/21	108.16 hrs
TE45	Wed 10/13/21	Mon 11/29/21	30.88 hrs
TE46	Wed 10/13/21	Fri 12/10/21	106.48 hrs
DE1	Thu 10/7/21	Tue 1/11/22	72.56 hrs
DE2	Thu 10/28/21	Mon 1/17/22	63.44 hrs
DE7	Fri 10/29/21	Mon 11/1/21	9.04 hrs
DE8	Mon 11/8/21	Mon 11/29/21	41.52 hrs
DE13	Thu 10/28/21	Wed 11/17/21	84 hrs
DE14	Thu 10/28/21	Wed 11/17/21	117.12 hrs
DE43	Mon 11/1/21	Fri 11/19/21	39.36 hrs
DE44	Thu 11/4/21	Fri 11/19/21	38.8 hrs
DE45	Thu 10/7/21	Fri 12/3/21	45.2 hrs
TE47	Thu 10/28/21	Fri 12/10/21	105.76 hrs
TE48	Thu 10/28/21	Fri 12/10/21	105.76 hrs
PE26	Fri 11/19/21	Thu 3/24/22	599.44 hrs
PE27	Fri 11/19/21	Thu 3/24/22	599.44 hrs
PE28	Fri 11/19/21	Thu 3/24/22	609.36 hrs
PE29	Thu 10/7/21	Thu 3/24/22	633.36 hrs
PM4	Mon 10/25/21	Thu 11/4/21	65.52 hrs
PM5	Thu 10/7/21	Thu 10/14/21	41.28 hrs
RE32	Thu 10/7/21	Tue 10/26/21	98.64 hrs
RE28	Mon 10/18/21	Tue 11/2/21	27.28 hrs
RE29	Mon 10/18/21	Tue 11/2/21	27.28 hrs

RE33	Mon 10/11/21	Fri 11/19/21	77.68 hrs
SE30	Thu 10/7/21	Thu 11/11/21	86 hrs
SE31	Thu 10/7/21	Fri 11/12/21	112 hrs
SE32	Thu 10/7/21	Tue 11/9/21	124 hrs
SE35	Thu 10/7/21	Fri 11/5/21	21.76 hrs
PE58	Fri 11/19/21	Thu 3/24/22	627.92 hrs
PE59	Fri 11/19/21	Thu 3/24/22	627.92 hrs
PE65	Mon 10/11/21	Thu 3/24/22	633.68 hrs
TE71	Thu 10/28/21	Fri 12/10/21	105.76 hrs
TE72	Thu 10/28/21	Fri 12/10/21	105.76 hrs
TE73	Mon 10/11/21	Fri 12/10/21	111.52 hrs
DE81	Wed 11/3/21	Fri 12/3/21	46.4 hrs
DE82	Wed 11/3/21	Fri 12/3/21	27.04 hrs
DE84	Wed 11/3/21	Fri 12/3/21	117.04 hrs
DE85	Mon 10/11/21	Wed 12/8/21	227.04 hrs
TE379	Wed 11/10/21	Wed 3/30/22	61.04 hrs
TE380	Wed 11/10/21	Wed 3/30/22	61.04 hrs
TE381	Wed 11/10/21	Wed 3/30/22	61.04 hrs
TE382	Mon 11/1/21	Wed 3/30/22	66.48 hrs
TE384	Mon 11/1/21	Wed 3/30/22	66.48 hrs
TE385	Mon 11/1/21	Fri 11/19/21	39.52 hrs
TE386	Mon 10/25/21	Wed 3/30/22	78.48 hrs
SE3379	Mon 10/25/21	Mon 11/22/21	49.6 hrs
SE380	NA	NA	0 hrs
SE381	Mon 11/1/21	Mon 11/22/21	101.44 hrs
SE382	Mon 11/15/21	Mon 11/22/21	31.36 hrs
PE379	Wed 11/17/21	Thu 3/24/22	725.6 hrs
PE380	Mon 11/1/21	Thu 3/24/22	731.04 hrs
PE381	Mon 10/25/21	Fri 11/19/21	26.48 hrs
DE379	Thu 11/4/21	Fri 11/19/21	16.48 hrs
DE380	Thu 11/4/21	Fri 11/19/21	16.96 hrs
DE381	Tue 10/26/21	Wed 11/24/21	153.52 hrs
DE382	Mon 10/25/21	Fri 11/19/21	92.08 hrs