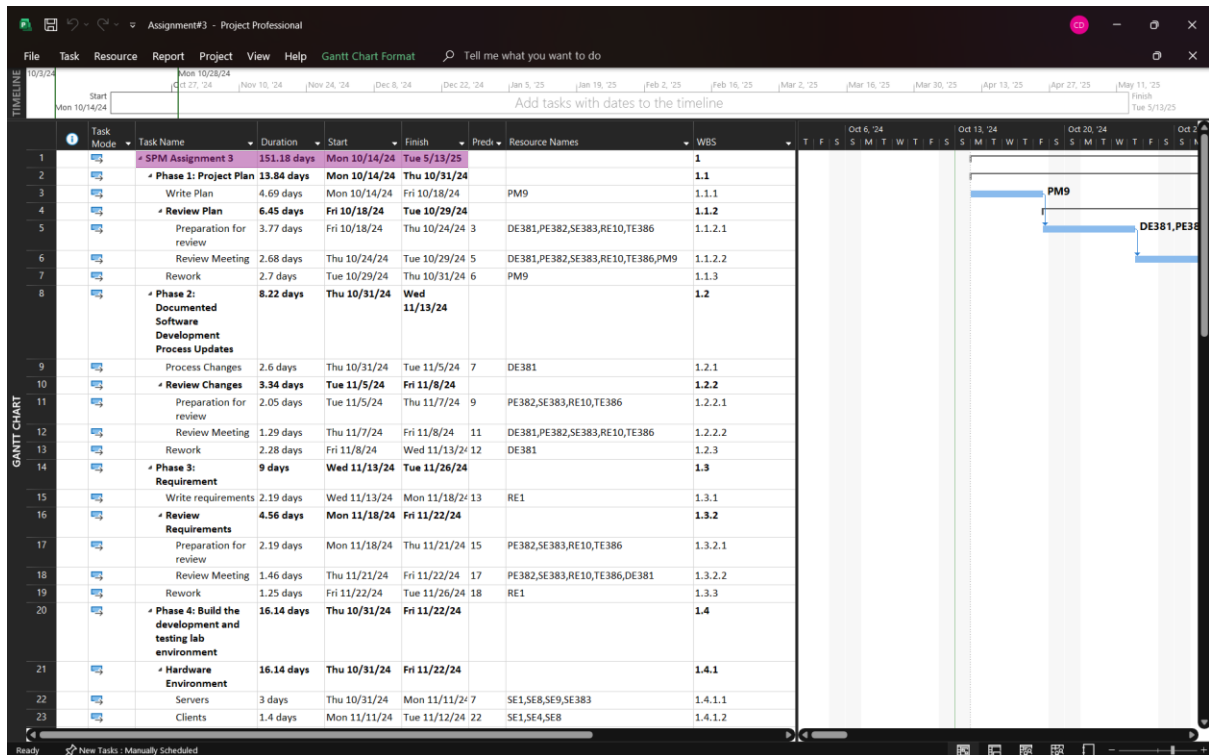


ASSIGNMENT - 3

7. What is the earliest finish date for this project if it is scheduled to start on 10/14/24?

❖ 5/13/25



8. Can this project be completed 2 months after it starts? Explain why yes or no.

- ❖ No, it is not possible to complete the project in 2 months. Since the pool project is the one we have chosen to prioritize in the resource pool, resources will be assigned to it according to availability.
- ❖ **Project 1**
 - Start date: 9/16/24
 - Finish Date: 11/25/24
- ❖ **Project 2**
 - Start date: 9/23/24
 - Finish Date: 6/2/25
- ❖ **Project 3**
 - Start date: 10/14/24
 - Finish Date: 5/13/25

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

1. Document and comment on the WBS

Work Breakdown Structure (WBS)

➤ Project 1:

- 1.1- Project plan
- 1.2 - Risk Mitigation and Contingency Plan
- 1.3 - Requirements
- 1.4- Analysis
- 1.5 - Design
- 1.6 - Coding and unit test
- 1.7 - Testing
- 1.8 - Documentation

➤ Project 2:

- 1.1- Project plan
- 1.2 - Requirements
- 1.3 - Lab and Environment Setup
- 1.4 - Analysis/Design Document
- 1.5 - Data Model
- 1.6 - Coding and unit test
- 1.7 - Testing
- 1.8 - Documentation
- 1.9 - Training

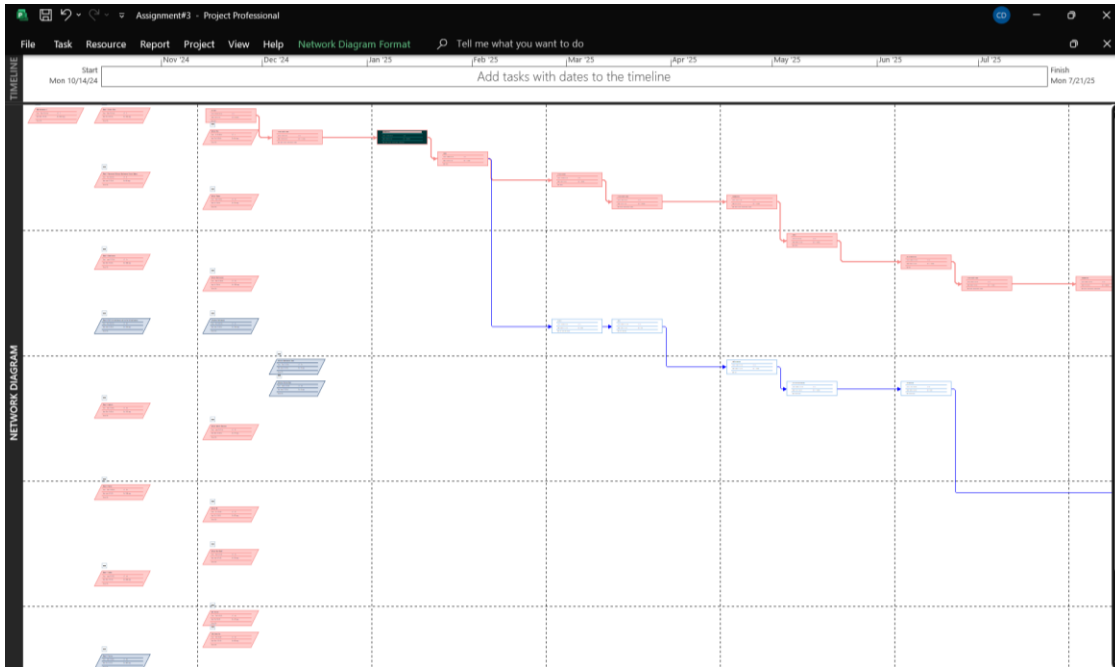
➤ Project 3:

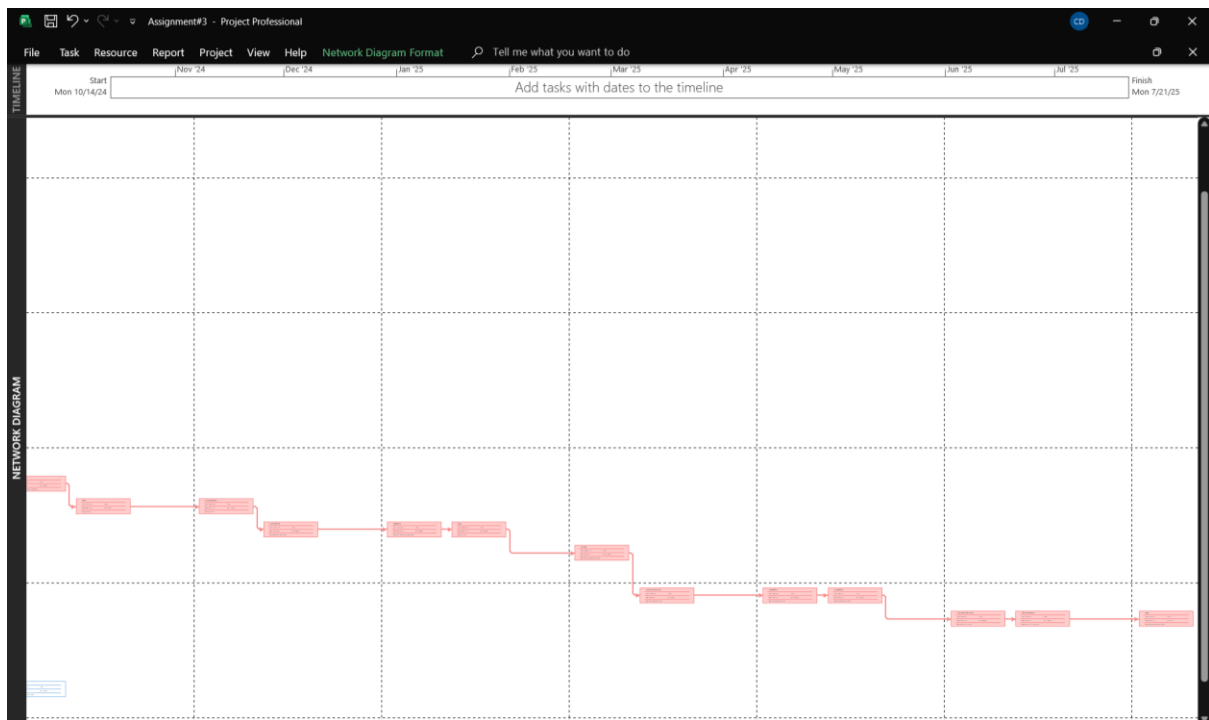
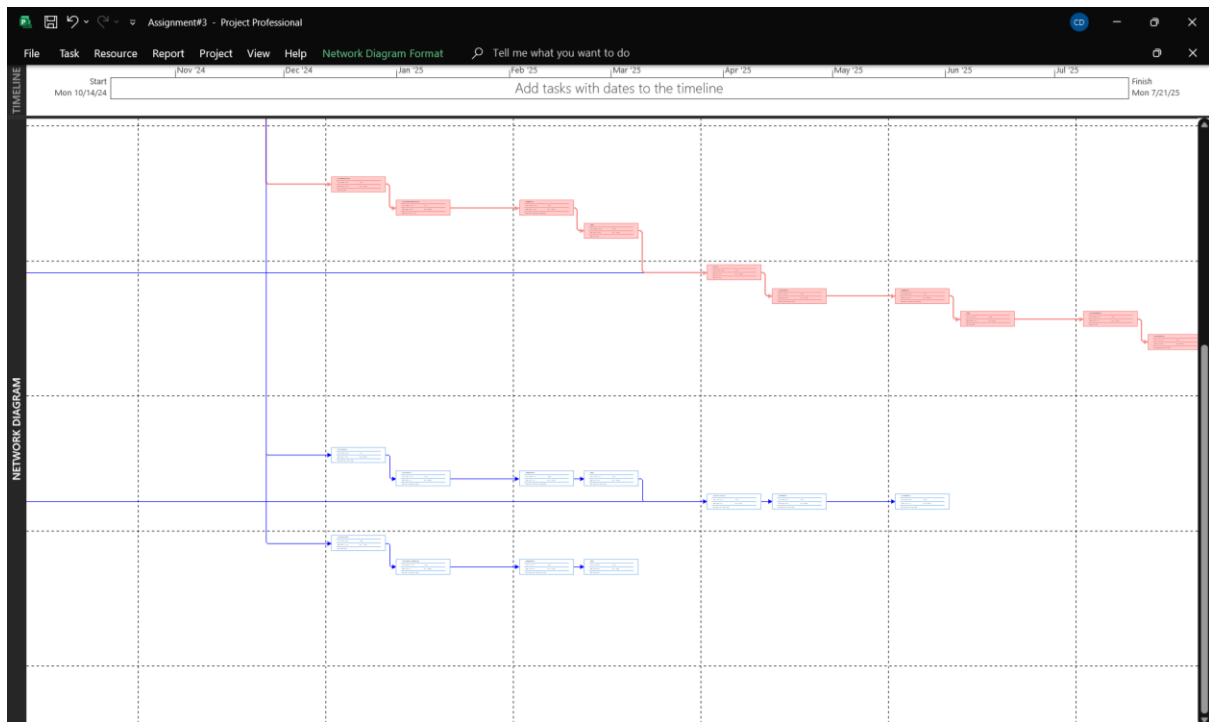
- 1.1 - Project plan
- 1.2 - Documented Software Development Process Updates
- 1.3 - Requirement
- 1.4 - Build the development and testing lab environment
- 1.5 - Analysis
- 1.6 - Design
- 1.7 - Coding
- 1.8 - Testing
- 1.9 – Documentation

2. Document and comment on the Network Diagram

❖ Network Diagram

The network diagram, which shows the path with the longest duration, aids in our ability to identify the crucial path. It offers a clearer understanding of the workflow.





3. Document and comment on the resource pool utilization

❖ Resource pool utilization

The same pool of resources is used by all three programmers. Assignments 1 and 2 now include the resources for assignment 3. Through three distinct initiatives, we are sharing the resource pool in the assignment. We avoid overallocation by using resources according to their availability.

4. Document the Baseline Estimation Calculations