

**Software Project Management (CS 587)**  
**Assignment - 2**

**Name: Deneshwara Sai Ila**  
**CWID: A20562386**

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**Calculations:**

**Project Plan**

**Write Plan:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{129 \text{ pages}}{5 \frac{\text{pages}}{\text{hour}}} \Rightarrow 25.8 \text{ hours}$$

$$\# \text{ days} = \frac{25.8 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 3.225 \text{ days} \cong 4 \text{ days}$$

**Review Plan:**

**Preparation for review:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{129 \text{ pages}}{5 \text{ pages/hour}} \Rightarrow 25.8 \text{ hours}$$

$$\# \text{ days} = \frac{25.8 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 3.225 \text{ days} \cong 4 \text{ days}$$

**Review Meeting:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{129 \text{ pages}}{9 \text{ pages/hour}} \Rightarrow 14.33 \text{ hours}$$

$$\# \text{ days} = \frac{14.33 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 1.79 \text{ days} \cong 2 \text{ days}$$

**Rework:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{87 \text{ pages}}{5 \text{ pages/hour}} \Rightarrow 17.4 \text{ hours}$$

$$\# \text{ days} = \frac{17.4 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 2.175 \text{ days} \cong 3 \text{ days}$$

**Requirement:**

**Write requirements:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{273 \text{ Req}}{3 \text{ Req/hour}} \Rightarrow 91 \text{ hours}$$

$$\# \text{ days} = \frac{91 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 11.375 \text{ Days} \cong 12 \text{ days}$$

12 Days -> 1HCT

6 Days -> 2HCT

4 Days -> 3HCT

**Review requirements**

**Preparation for review:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{273 \text{ Req}}{5 \text{ Req/hour}} \Rightarrow 54.6 \text{ hours}$$

$$\# \text{ days} = \frac{54.6 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 6.825 \text{ Days} \cong 7 \text{ days}$$

### **Review Meeting:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{273 \text{ Req}}{10 \text{ Req/hour}} \Rightarrow 27.3 \text{ hours}$$

$$\# \text{ days} = \frac{27.3 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 3.42 \text{ Days} \cong 4 \text{ days}$$

### **Rework:**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{388 \text{ Defects}}{5 \text{ Defects/hour}} \Rightarrow 77.6 \text{ hours}$$

$$\# \text{ days} = \frac{77.6 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 9.7 \text{ Days} \cong 10 \text{ days}$$

10 Days -> 1HCT

5 Days -> 2HCT

4 Days -> 3HCT

## **Lab and Environment Setup**

### **Hardware**

#### **Install Network Elements**

##### **Routers**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{10 \text{ Routers}}{3 \text{ Routers / day}} \Rightarrow 3.33 \cong 4 \text{ Days}$$

4 Days => 1HCT

2 Days => 2 HCT

##### **Bridge**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{31 \text{ Bridges}}{2 \text{ Bridges / day}} \Rightarrow 15.5 \cong 16 \text{ Days}$$

16 Days => 1HCT

8 Days => 2HCT

##### **Install Server**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{26 \text{ servers}}{3 \text{ servers—day}} \Rightarrow 8.66 \cong 9 \text{ Days}$$

9 Days => 1HCT

5 Days => 2 HCT

##### **Install Clients**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{38 \text{ clients}}{5 \text{ clients / day}} \Rightarrow 7.6 \cong 8 \text{ Days}$$

8 Days => 1HCT

4 Days => 2 HCT

## Software

### Install Development Tools

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{15 \text{ tools}}{5 \text{ tools / day}} \Rightarrow 3 \text{ Days}$$

3 Days => 1HCT

2 Days => 2 HCT

### Install Testing Tools

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{23 \text{ tools}}{7 \text{ tools / day}} \Rightarrow 3.28 \cong 4 \text{ Days}$$

4 Days => 1HCT

2 Days => 2 HCT

## Analysis/Design Document

### Write DD

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{188 \text{ pages}}{5 \text{ pages/hour}} \Rightarrow 37.6 \text{ hours}$$

$$\# \text{ days} = \frac{37.6 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 4.7 \text{ Days} \cong 5 \text{ days}$$

5 Days -> 1HCT

3 Days -> 2HCT

### Review DD

#### Preparation for DD

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{188 \text{ pages}}{5 \text{ pages/hour}} \Rightarrow 37.6 \text{ hours}$$

$$\# \text{ days} = \frac{37.6 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 4.7 \text{ Days} \cong 5 \text{ days}$$

### Review Meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{188 \text{ pages}}{8 \text{ pages/hour}} \Rightarrow 23.5 \text{ hours}$$

$$\# \text{ days} = \frac{23.5 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 2.93 \text{ Days} \cong 3 \text{ days}$$

### Rework

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{385 \text{ Defects}}{10 \text{ Defects/hour}} \Rightarrow 38.5 \text{ hours}$$

$$\# \text{ days} = \frac{38.5 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 4.81 \text{ Days} \cong 5 \text{ days}$$

5 Days -> 1HCT

3 Days -> 2HCT

## Data Model

### Create Data Model

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} = \Rightarrow \frac{71 \text{ pages}}{1 \text{ pages/hour}} = \Rightarrow 71 \text{ hours}$$

$$\# \text{ days} = \frac{71 \text{ hours}}{8 \text{ hours/day}} = \Rightarrow 8.875 \text{ Days} \cong 9 \text{ days}$$

9 Days -> 1HCT

5 Days -> 2HCT

3 Days -> 3HCT

### Review Data Model

#### Preparation for DM

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} = \Rightarrow \frac{71 \text{ pages}}{4 \text{ pages/hour}} = \Rightarrow 17.75 \text{ hours}$$

$$\# \text{ days} = \frac{17.75 \text{ hours}}{8 \text{ hours/day}} = \Rightarrow 2.21 \text{ Days} \cong 3 \text{ days}$$

### Review Meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} = \Rightarrow \frac{71 \text{ pages}}{8 \text{ pages/hour}} = \Rightarrow 8.875 \text{ hours}$$

$$\# \text{ days} = \frac{8.875 \text{ hours}}{8 \text{ hours/day}} = \Rightarrow 1.1 \text{ Days} \cong 2 \text{ days}$$

### Rework

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} = \Rightarrow \frac{249 \text{ defects}}{5 \text{ defects /hour}} = \Rightarrow 49.8 \text{ hours}$$

$$\# \text{ days} = \frac{49.8 \text{ hours}}{8 \text{ hours/day}} = \Rightarrow 6.225 \text{ Days} \cong 7 \text{ days}$$

7 Days -> 1HCT

4 Days -> 2HCT

3 Days -> 3HCT

## Coding and Unit test

### Write Code

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} = \Rightarrow \frac{7890 \text{ SLOC}}{5 \text{ SLOC /hour}} = \Rightarrow 1578 \text{ hours}$$

$$\# \text{ days} = \frac{1578 \text{ hours}}{8 \text{ hours/day}} = \Rightarrow 197.25 \text{ Days} \cong 198 \text{ days}$$

198 Days -> 1HCT

99 Days -> 2HCT

66 Days -> 3HCT

49.5 Days -> 4HCT

39.5 Days -> 5HCT

33 Days -> 6HCT

28.28 = 29 Days -> 7HCT

## Unit Testing

### Prepare/Execute Test Cases

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{925 \text{ test cases}}{4 \text{ test cases /hour}} \Rightarrow 231.25 \text{ hours}$$

$$\# \text{ days} = \frac{231.25 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 28.90 \text{ Days} \cong 29 \text{ days}$$

29 Days -> 1HCT  
14.5 Days -> 2HCT  
9.66 Days -> 3HCT  
7.25 Days -> 4HCT  
5.8 Days -> 5HCT  
4.83 Days -> 6HCT  
4.14 = 5 Days -> 7HCT

### Fix Found Defects

$$\# \text{ days} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{489 \text{ Defects}}{16 \text{ Defects / Day}} \Rightarrow 30.56 \cong 31 \text{ Days}$$

31 Days -> 1HCT  
15.5 Days -> 2HCT  
10.33 Days -> 3HCT  
7.75 Days -> 4HCT  
6.2 Days -> 5HCT  
5.16 Days -> 6HCT  
4.42 = 5 Days -> 7HCT

### Test Fixed Defects

$$\# \text{ days} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{489 \text{ Defects}}{20 \text{ Defects / Day}} \Rightarrow 24.45 \cong 25 \text{ Days}$$

25 Days -> 1HCT  
12.5 Days -> 2HCT  
8.33 Days -> 3HCT  
6.25 Days -> 4HCT  
5 Days -> 5HCT  
4.1666 Days -> 6HCT  
3.57 = 4 Days -> 7HCT

## Code Inspection

### Preparation for Code Inspection

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{7890 \text{ SLOC}}{100 \text{ SLOC /hour}} \Rightarrow 78.9 \text{ hours}$$

$$\# \text{ days} = \frac{78.9 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 9.86 \text{ Days} \cong 10 \text{ days}$$

### Code Inspection Meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{7890 \text{ SLOC}}{160 \text{ SLOC /hour}} \Rightarrow 49.3 \text{ hours}$$

$$\# \text{ days} = \frac{49.3 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 6.1 \text{ Days} \cong 7 \text{ days}$$

### Rework

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{945 \text{ defects}}{10 \text{ defects / hour}} \Rightarrow 94.5 \text{ hours}$$

$$\# \text{ days} = \frac{94.5 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 11.81 \text{ Days} \cong 12 \text{ days}$$

12 Days -> 1HCT  
 6 Days -> 2HCT  
 4 Days -> 3HCT  
 3 Days -> 4HCT  
 5 Days -> 5HCT  
 2 Days -> 6HCT  
 1.71 = 2 Days -> 7HCT

### Testing

#### Write test plan (TP)

$$\# \text{ days} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{210 \text{ Pages}}{8 \text{ Pages / Day}} \Rightarrow 26.25 \cong 27 \text{ Days}$$

27 Days -> 1HCT  
 13.5 Days -> 2HCT  
 9 Days -> 3HCT  
 6.75 Days -> 4HCT  
 5.4 Days => 6days -> 5HCT

### Review TP

#### Preparation for TP

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{210 \text{ Pages}}{5 \text{ Pages / hour}} \Rightarrow 42 \text{ hours}$$

$$\# \text{ days} = \frac{42 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 5.25 \text{ Days} \cong 6 \text{ days}$$

### Review TP Meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{210 \text{ Pages}}{10 \text{ Pages / hour}} \Rightarrow 21 \text{ hours}$$

$$\# \text{ days} = \frac{21 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 2.625 \text{ Days} \cong 3 \text{ days}$$

### Rework

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{438 \text{ defects}}{6 \text{ defects / hour}} \Rightarrow 73 \text{ hours}$$

$$\# \text{ days} = \frac{73 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 9.125 \text{ Days} \cong 10 \text{ days}$$

10 Days -> 1HCT

5 Days -> 2HCT  
 3.33 Days -> 3HCT  
 2.5 Days -> 4HCT  
 2 Days -> 5HCT

### **Execute TP (test cases)**

$$\# \text{ days} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{793 \text{ test cases}}{6 \text{ test cases / Day}} \Rightarrow 132.16 \cong 133 \text{ Days}$$

133 Days -> 1HCT  
 66.5 Days -> 2HCT  
 44.33 Days -> 3HCT  
 33.25 Days -> 4HCT  
 26.6 Days -> 5HCT  
 22.16 Days -> 6HCT  
 19 Days -> 7HCT

### **Fix Found Defects**

$$\# \text{ days} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{734 \text{ defects}}{10 \text{ defects / Day}} \Rightarrow 73.4 \cong 74 \text{ Days}$$

74 Days -> 1HCT  
 37 Days -> 2HCT  
 24.66 Days -> 3HCT  
 18.5 Days -> 4HCT  
 14.8 Days -> 5HCT  
 12.33 Days -> 6HCT  
 10.57 Days -> 7HCT  
 9.25 => 10 Days -> 8HCT

## **Documentation**

### **User Documentation**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{410 \text{ Pages}}{5 \text{ Pages / hour}} \Rightarrow 82 \text{ hours}$$

$$\# \text{ days} = \frac{82 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 10.25 \text{ Days} \cong 11 \text{ days}$$

11 Days -> 1HCT  
 5.5 Days -> 2HCT  
 3.66 Days -> 3HCT  
 2.75 Days -> 4HCT  
 2.2 Days -> 5HCT  
 1.833 => 2 Days -> 6HCT

### **Review UD**

#### **Preparation for UD review meeting**

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{410 \text{ Pages}}{5 \text{ Pages / hour}} \Rightarrow 82 \text{ hours}$$

$$\# \text{ days} = \frac{82 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 10.25 \text{ Days} \cong 11 \text{ days}$$

### Review UD Meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{410 \text{ Pages}}{7 \text{ Pages / hour}} \Rightarrow 58.57 \text{ hours}$$

$$\# \text{ days} = \frac{58.57 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 7.32 \text{ Days} \cong 8 \text{ days}$$

### Rework

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{392 \text{ defects}}{4 \text{ defects / hour}} \Rightarrow 98 \text{ hours}$$

$$\# \text{ days} = \frac{98 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 12.25 \text{ Days} \cong 13 \text{ days}$$

13 Days -> 1HCT

6.5 Days -> 2HCT

4.33 Days -> 3HCT

3.25 Days -> 4HCT

2.6 Days -> 5HCT

2.16 => 3 Days -> 6HCT

### Training

#### Training Handouts (TH)

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{266 \text{ Pages}}{1 \text{ Pages / hour}} \Rightarrow 266 \text{ hours}$$

$$\# \text{ days} = \frac{266 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 33.25 \text{ Days} \cong 34 \text{ days}$$

34 Days -> 1HCT

17 Days -> 2HCT

11.33 Days -> 3HCT

8.5 Days -> 4HCT

6.8 Days -> 5HCT

5.66 => 6 Days -> 6HCT

### Review Training Handouts (TH)

#### Preparation for TH review meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{266 \text{ Pages}}{5 \text{ Pages / hour}} \Rightarrow 53.2 \text{ hours}$$

$$\# \text{ days} = \frac{53.2 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 6.65 \text{ Days} \cong 7 \text{ days}$$

### Review TH meeting

$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{266 \text{ Pages}}{10 \text{ Pages / hour}} = 26.6 \text{ hours}$$

$$\# \text{ days} = \frac{26.6 \text{ hours}}{8 \text{ hours / day}} \Rightarrow 3.325 \text{ Days} \cong 4 \text{ days}$$

### Rework



$$\text{Time in hrs} = \frac{\text{Amount of Work}}{\text{Productivity Rate}} \Rightarrow \frac{623 \text{ defects}}{12 \text{ defects / hour}} \Rightarrow 51.92 \text{ hours}$$

$$\# \text{ days} = \frac{51.92 \text{ hours}}{8 \text{ hours/day}} \Rightarrow 6.48 \text{ Days} \cong 7 \text{ days}$$

7 Days -> 1HCT

3.5 Days -> 2HCT

2.33 Days -> 3HCT

1.75 Days -> 4HCT

1.4 Days -> 5HCT

1.16 => 2 Days -> 6HCT

**6)**

The earliest end date is 9/17/25 which is 148 days after the start date.

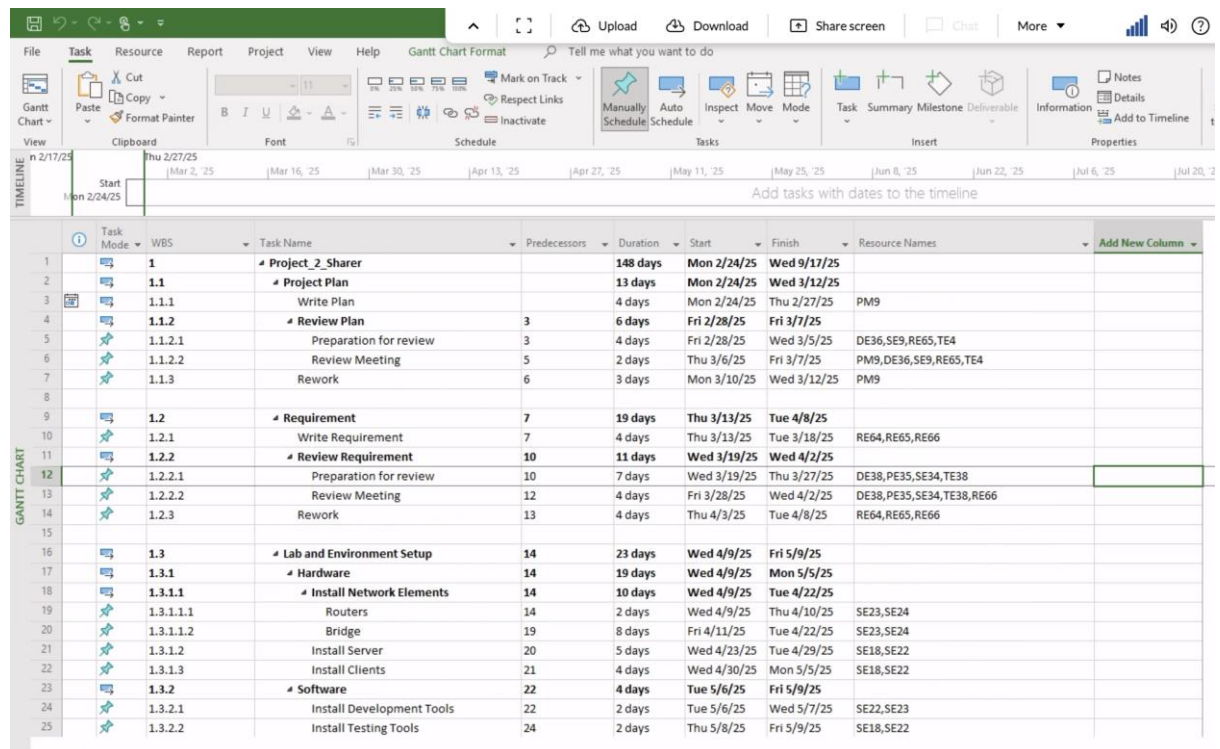
**7)**

It is not feasible because, when the start date (2/24/25) is 3 weeks after the assignment 1 (2/10/25), The end date of assignment-2 is not 3 weeks after the end date of assignment 1. The no of days for assignment-1 is 109 days but in assignment-2, the days were increased to 148 days. The difference is 39 days or 8 weeks nearly.

**9)**

The start date of Assignment -1 is 2/10/25 and end date of assignment -1 is 109 days after the start date which is 7/10/25. But in assignment – 2, the start date is 2/24/25 and end date is 9/17/25 which is 148 days. There is a increase of 39 days or 8 weeks. Even when we consider resources from both assignments the duration got increased. Hence it depends on number of resources left and also the duration of each task takes.

## Screen Shots of Gantt Chart:



Task Mode	WBS	Task Name	Predecessors	Duration	Start	Finish	Resource Names	Add New Column
26								
27	1.4	Analysis/Design Document	14	14 days	Wed 4/9/25	Mon 4/28/25		
28	1.4.1	Write DD	14	3 days	Wed 4/9/25	Fri 4/11/25	SE11,SE12	
29	1.4.2	Review DD	28	8 days	Mon 4/14/25	Wed 4/23/25		
30	1.4.2.1	Preparation for DD	28	5 days	Mon 4/14/25	Fri 4/18/25	DE36,PE12,RE21,TE34	
31	1.4.2.2	Review Meeting	30	3 days	Mon 4/21/25	Wed 4/23/25	SE11,DE36,PE12,RE21,TE34	
32	1.4.3	Rework	31	3 days	Thu 4/24/25	Mon 4/28/25	SE11,SE12	
33								
34	1.5	Data Model	32	11 days	Tue 4/29/25	Tue 5/13/25		
35	1.5.1	Create Data Model	32	3 days	Tue 4/29/25	Thu 5/1/25	SE11,SE12,SE13	
36	1.5.2	Review Data Model	35	5 days	Fri 5/2/25	Thu 5/8/25		
37	1.5.2.1	preparation for DM	35	3 days	Fri 5/2/25	Tue 5/6/25	DE7,RE10,PE12,TE15	
38	1.5.2.2	Review Meeting	37	2 days	Wed 5/7/25	Thu 5/8/25	DE7,PE12,RE10,TE15,SE11	
39	1.5.3	Rework	38	3 days	Fri 5/9/25	Tue 5/13/25	SE11,SE12,SE13	
40								
41	1.6	Coding and unit testing	39	62 days	Wed 5/14/25	Thu 8/7/25		
42	1.6.1	Write Code	39	29 days	Wed 5/14/25	Mon 6/23/25	PE17,PE32,PE33,PE34,PE35,PE38,PE39	
43	1.6.2	Unit Testing	42	14 days	Tue 6/24/25	Fri 7/11/25		
44	1.6.2.1	Prepare/Execute Test Cases	42	5 days	Tue 6/24/25	Mon 6/30/25	TE17,TE34,TE38,TE39,TE40,TE42,TE4	
45	1.6.2.2	Fix Found Defects	44	5 days	Tue 7/1/25	Mon 7/7/25	TE4,TE34,TE38,TE39,TE40,TE42,TE17	
46	1.6.2.3	Test Fixed Defects	45	4 days	Tue 7/8/25	Fri 7/11/25	TE4,TE17,TE34,TE38,TE39,TE40,TE42	
47	1.6.3	Code Inspection	46	19 days	Mon 7/14/25	Thu 8/7/25		
48	1.6.3.1	Preparation for Code Inspection	46	10 days	Mon 7/14/25	Fri 7/25/25	DE7,SE11,TE15,RE11	
49	1.6.3.2	Code Inspection Meeting	48	7 days	Mon 7/28/25	Tue 8/5/25	DE7,SE11,TE15,RE11,PE17	
50	1.6.3.3	Rework	49	2 days	Wed 8/6/25	Thu 8/7/25	PE17,PE32,PE33,PE34,PE35,PE38,PE39	
51								

TIMELINE									
<div> <div>Start</div> <div>Mon 2/24/25</div> <div>Thu 2/27/25</div> <div>Mar 2, '25</div> <div>Mar 16, '25</div> <div>Mar 30, '25</div> <div>Apr 13, '25</div> <div>Apr 27, '25</div> <div>May 11, '25</div> <div>May 25, '25</div> <div>Jun 8, '25</div> <div>Jun 22, '25</div> <div>Jul 6, '25</div> <div>Jul 20, '25</div> </div>									
Add tasks with dates to the timeline									
Task Mode	WBS	Task Name	Predecessors	Duration	Start	Finish	Resource Names	Add New Column	
51									
52	1.7	Testing	14	116 days	Wed 4/9/25	Wed 9/17/25			
53	1.7.1	Write Test plan(TP)	14	6 days	Wed 4/9/25	Wed 4/16/25	TE8,TE10,TE16,TE18,TE40		
54	1.7.2	Review TP	53	11 days	Thu 4/17/25	Thu 5/1/25			
55	1.7.2.1	Preparation for TP	53	6 days	Thu 4/17/25	Thu 4/24/25	RE11,DE9,SE34,PE40		
56	1.7.2.2	Review TP Meeting	55	3 days	Fri 4/25/25	Tue 4/29/25	RE11,PE40,DE9,SE34,TE8		
57	1.7.2.3	Rework	56	2 days	Wed 4/30/25	Thu 5/1/25	TE8,TE10,TE16,TE18,TE40		
58	1.7.3	Execute TP(Test cases)	50	19 days	Fri 8/8/25	Wed 9/3/25	TE4,TE8,TE9,TE10,TE15,TE17,TE40		
59	1.7.4	Fix Found Defects	58	10 days	Thu 9/4/25	Wed 9/17/25	PE8,PE9,PE10,PE11,PE12,PE16,PE17,PE32		
60									
61	1.8	Documentation	14	24 days	Wed 4/9/25	Mon 5/12/25			
62	1.8.1	User Documentation	14	2 days	Wed 4/9/25	Thu 4/10/25	DE38,DE46,DE47,DE48,DE49,DE50		
63	1.8.2	Review UD	62	22 days	Fri 4/11/25	Mon 5/12/25			
64	1.8.2.1	Preparation for UD review meeting	62	11 days	Fri 4/11/25	Fri 4/25/25	PE39,RE66,TE39,SE17		
65	1.8.2.2	Review UD Meeting	64	8 days	Mon 4/28/25	Wed 5/7/25	PE39,RE66,TE39,SE17,DE38		
66	1.8.2.3	Rework	65	3 days	Thu 5/8/25	Mon 5/12/25	DE38,DE46,DE47,DE48,DE49,DE50		
67									
68	1.9	Training	66	19 days	Tue 5/13/25	Fri 6/6/25			
69	1.9.1	Training Handouts (TH)	66	6 days	Tue 5/13/25	Tue 5/20/25	DE46,DE47,DE48,DE49,DE50,DE38		
70	1.9.2	Review Training Handouts (TH)	69	13 days	Wed 5/21/25	Fri 6/6/25			
71	1.9.2.1	Preparation for TH review meeting	69	7 days	Wed 5/21/25	Thu 5/29/25	RE10,SE8,PE40,TE39		
72	1.9.2.2	Review TH Meeting	71	4 days	Fri 5/30/25	Wed 6/4/25	RE10,SE8,PE40,DE46,TE39		
73	1.9.2.3	Rework	72	2 days	Thu 6/5/25	Fri 6/6/25	DE38,DE46,DE47,DE48,DE49,DE50		

## Network Diagram:

