ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		**Assignment 1**	**1317 hrs**	**Tue 5/31/22**	**Mon 1/16/23**	
2		**Project Plan**	**80 hrs**	**Tue 5/31/22**	**Mon 6/13/22**	
3		Write Plan	26 hrs	Tue 5/31/22	Fri 6/3/22	
4		**Review Plan**	**47 hrs**	**Fri 6/3/22**	**Mon 6/13/22**	
5		Preparation fc	26 hrs	Fri 6/3/22	Wed 6/8/22	3
6		Review Meeti	21 hrs	Wed 6/8/22	Mon 6/13/22	5
7		Rework	7 hrs	Mon 6/13/22	Mon 6/13/22	6
8		**Requirements**	**123 hrs**	**Tue 5/31/22**	**Tue 6/21/22**	
9		Write requireme	43 hrs	Tue 5/31/22	Tue 6/7/22	
10		Write Use Case	6 hrs	Tue 5/31/22	Tue 5/31/22	
11		**Review Require**	**73 hrs**	**Tue 6/7/22**	**Mon 6/20/22**	
12		Preparation fc	41 hrs	Tue 6/7/22	Tue 6/14/22	9,10
13		Review Meeti	32 hrs	Tue 6/14/22	Mon 6/20/22	12
14		Rework	7 hrs	Mon 6/20/22	Tue 6/21/22	13
15		**Analysis**	**37 hrs**	**Tue 6/21/22**	**Mon 6/27/22**	14
16		Write Analysis D	7 hrs	Tue 6/21/22	Wed 6/22/22	
17		**Review Analysis**	**21 hrs**	**Wed 6/22/22**	**Fri 6/24/22**	
18		Preparation fc	13 hrs	Wed 6/22/22	Thu 6/23/22	16
19		Review Meeti	8 hrs	Thu 6/23/22	Fri 6/24/22	16,18
20		Rework	9 hrs	Fri 6/24/22	Mon 6/27/22	19
21		**Design**	**198 hrs**	**Tue 6/28/22**	**Mon 8/1/22**	20
22		Write DD	26 hrs	Tue 6/28/22	Fri 7/1/22	
23		**Review DD**	**102 hrs**	**Fri 7/1/22**	**Tue 7/19/22**	
24		Preparation fc	68 hrs	Fri 7/1/22	Wed 7/13/22	22
25		Review Meeti	34 hrs	Wed 7/13/22	Tue 7/19/22	24
26		Rework	24 hrs	Wed 7/20/22	Fri 7/22/22	25
27		Write Data Mod	16 hrs	Mon 7/25/22	Tue 7/26/22	26
28		**Review DM**	**18 hrs**	**Wed 7/27/22**	**Fri 7/29/22**	
29		Preparation fc	11 hrs	Wed 7/27/22	Thu 7/28/22	27
30		Review Meeti	7 hrs	Thu 7/28/22	Fri 7/29/22	29
31		Rework	12 hrs	Fri 7/29/22	Mon 8/1/22	30

Gantt chart labels:
- 3: Project Manager
- 5: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,System Engineers 1,Test Engineers 1
- 6: Documentation Engineers 1,Programmers/Software Engineers 1,Project Manager,Requirement Engineers 1,System Engineers 1,Test Engineers 1
- 7: Project Manager
- 9: Requirement Engineers 2
- 10: Requirement Engineers 3,Requirement Engineers 4
- 12: Documentation Engineers 2,Programmers/Software Engineers 2,System Engineers 2,Test Engineers 2
- 13: Requirement Engineers 1,Documentation Engineers 2,Programmers/Software Engineers 2,System Engineers 2,Test Engineers 2
- 14: Requirement Engineers 1,Requirement Engineers 3,Requirement Engineers 4
- 16: System Engineers 1,System Engineers 2
- 18: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,Test Engineers 1
- 19: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,Test Engineers 1,System Engineers 2
- 20: System Engineers 1,System Engineers 2
- 22: System Engineers 1,System Engineers 2
- 24: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,Test Engineers 1
- 25: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,System Engineers 1,Test Engineers 1
- 26: System Engineers 1,System Engineers 2
- 27: System Engineers 1,System Engineers 2
- 29: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,Test Engineers 1
- 30: Documentation Engineers 1,Programmers/Software Engineers 1,Requirement Engineers 1,System Engineers 1,Test Engineers 1
- 31: System Engineers 1,System Engineers 2

Legend:
- Task
- Split
- Milestone
- Summary
- Project Summary
- Inactive Task
- Inactive Milestone
- Inactive Summary
- Manual Task
- Duration-only
- Manual Summary Rollup
- Manual Summary
- Start-only
- Finish-only
- External Tasks
- External Milestone
- Deadline
- Progress
- Manual Progress

ID	Task Mode	Task Name	Duration	Start	Finish	Predeces
32		Coding and unit te	518 hrs	Mon 8/1/22	Mon 10/31/2	
33		Write Code	129 hrs	Mon 8/1/22	Tue 8/23/22	31
34		Unit Testing	296 hrs	Tue 8/23/22	Thu 10/13/2	
35		Prepare/Exec	72 hrs	Tue 8/23/22	Mon 9/5/22	33
36		Fix Found Def	112 hrs	Mon 9/5/22	Fri 9/23/22	35
37		Test Fixed Def	112 hrs	Fri 9/23/22	Thu 10/13/2	36
38		Code Inspection	72 hrs	Thu 10/13/2	Wed 10/26/2	
39		Preparation fc	44 hrs	Thu 10/13/2	Fri 10/21/22	37
40		Code Inspectio	28 hrs	Fri 10/21/22	Wed 10/26/2	39
41		Rework	21 hrs	Wed 10/26/2	Mon 10/31/2	40
42		System Integration	873 hrs	Tue 6/21/22	Mon 11/21/2	
43		Write test plan (	42 hrs	Tue 6/21/22	Tue 6/28/22	14
44		Review TP	39 hrs	Tue 6/28/22	Tue 7/5/22	
45		Preparation fc	21 hrs	Tue 6/28/22	Fri 7/1/22	43
46		Review TP Me	18 hrs	Fri 7/1/22	Tue 7/5/22	45
47		Rework	13 hrs	Tue 7/5/22	Thu 7/7/22	46
48		Execute TP (test	27 hrs	Mon 10/31/2	Thu 11/3/22	41,46
49		Fix Found Defect	62 hrs	Thu 11/3/22	Tue 11/15/2	48
50		Test Fixed Defec	31 hrs	Tue 11/15/2	Mon 11/21/2	49
51		Load, Stress, and P	321 hrs	Mon 11/21/2	Mon 1/16/23	50
52		Write test plan (	101 hrs	Mon 11/21/2	Thu 12/8/22	50
53		Review TP	95 hrs	Thu 12/8/22	Fri 12/23/22	
54		Preparation fc	63 hrs	Thu 12/8/22	Mon 12/19/2	52
55		Review TP Me	32 hrs	Tue 12/20/22	Fri 12/23/22	54
56		Rework	9 hrs	Mon 12/26/2	Tue 12/27/22	55
57		Execute TP (test	63 hrs	Tue 12/27/22	Thu 1/5/23	41,56
58		Fix Found Defect	30 hrs	Fri 1/6/23	Wed 1/11/23	57
59		Test Fixed Defec	23 hrs	Wed 1/11/23	Mon 1/16/23	58
60		Documentation	78 hrs	Tue 6/21/22	Tue 7/5/22	14
61		User Documenta	12 hrs	Tue 6/21/22	Wed 6/22/22	14
62		Review UD	41 hrs	Wed 6/22/22	Wed 6/29/22	

Gantt chart task bars with resource labels:
- 33: Programmers/Software Engineers 3,Programmers/Software Engineers 4,Programmers/Software Engineers 5,Programmers/Software Engineers 6
- 35: Programmers/Software Engineers 3,Programmers/Software Engineers 4,Programmers/Software Engineers 5,Programmers/Software Engineers 6
- 36: Programmers/Software Engineers 5,Programmers/Software Engineers 6
- 37: Programmers/Software Engineers 3,Programmers/Software Engineers 4
- 39: Programmers/Software Engineers 7,Programmers/Software Engineers 8
- 40: Programmers/Software Engineers 7,Programmers/Software Engineers 8,Programmers/Software Engineers 5
- 41: Programmers/Software Engineers 5,Programmers/Software Engineers 6
- 43: Test Engineers 2,Test Engineers 3,Test Engineers 4,Test Engineers 5
- 45: System Engineers 3,Documentation Engineers 2,Programmers/Software Engineers 2,Requirement Engineers 2
- 46: System Engineers 3,Test Engineers 3,Documentation Engineers 2,Programmers/Software Engineers 2,Requirement Engineers 2
- 47: Test Engineers 2,Test Engineers 3
- 48: Test Engineers 1,Test Engineers 2
- 49: Test Engineers 1,Test Engineers 2,Test Engineers 3
- 50: Test Engineers 3,Test Engineers 4,Test Engineers 5
- 52: Test Engineers 3,Test Engineers 6,Test Engineers 7
- 54: Documentation Engineers 2,Programmers/Software Engineers 3,Requirement Engineers 3,System Engineers 3
- 55: Documentation Engineers 2,Programmers/Software Engineers 3,Requirement Engineers 3,System Engineers 3,Test Engineers 3
- 56: Test Engineers 1,Test Engineers 2,Test Engineers 3
- 57: Test Engineers 3,Test Engineers 4,Test Engineers 5
- 58: Test Engineers 1,Test Engineers 2,Test Engineers 3
- 59: Test Engineers 4,Test Engineers 5
- 61: Documentation Engineers 2,Documentation Engineers 3

Legend:
Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Manual Progress
Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline
Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Progress

ID	ⓘ	Task Mode	Task Name	Duration	Start	Finish	Predeces
63		⇥	Preparation fc	29 hrs	Wed 6/22/22	Tue 6/28/22	61
64		⇥	Review UD M	12 hrs	Tue 6/28/22	Wed 6/29/22	63
65		⇥	Rework	25 hrs	Thu 6/30/22	Tue 7/5/22	64
66		⇥	**Training Material**	**111 hrs**	**Tue 5/31/22**	**Fri 6/17/22**	
67		⇥	Tutorial	13 hrs	Tue 5/31/22	Wed 6/1/22	
68		⇥	**Review Tutorial**	**73 hrs**	**Wed 6/1/22**	**Tue 6/14/22**	
69		⇥	Preparation fc	49 hrs	Wed 6/1/22	Thu 6/9/22	67
70		⇥	Review Tutori	24 hrs	Thu 6/9/22	Tue 6/14/22	69
71		⇥	Rework	25 hrs	Tue 6/14/22	Fri 6/17/22	70

Gantt chart bars and labels:
- 63: Programmers/Software Engineers 5,Test Engineers 6,System Engineers 4,Project Manager
- 64: Documentation Engineers 3,Programmers/Software Engineers 3,Test Engineers 6,System Engineers 4,Project Manager
- 65: Documentation Engineers 3
- 67: Documentation Engineers 2,Documentation Engineers 3,Documentation Engineers 1
- 69: Test Engineers 6,Programmers/Software Engineers 6,Requirement Engineers 4,System Engineers 4
- 70: Documentation Engineers 3,Programmers/Software Engineers 6,Requirement Engineers 4,System Engineers 4,Test Engineers 6
- 71: Documentation Engineers 3

Project: Assignment1
Date: Sat 5/28/22

Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Manual Progress
Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	
Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Progress	

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