

# Doodle Classifier Project

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## Team members:

- Ramakrishna Polisetty, 207160
- Devika Baid, 207221
- Srijit paul, 207173
- Aryan Srivastava, 207210


## Submitted by-

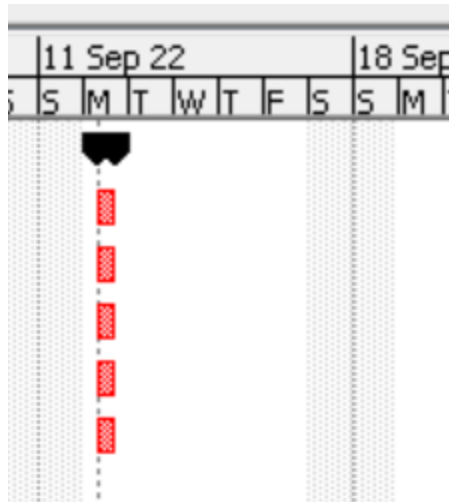
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### 1. Create Summary Task

File		Print	Project		
		Name	Duration	Start	Finish
1		Project Summary	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM

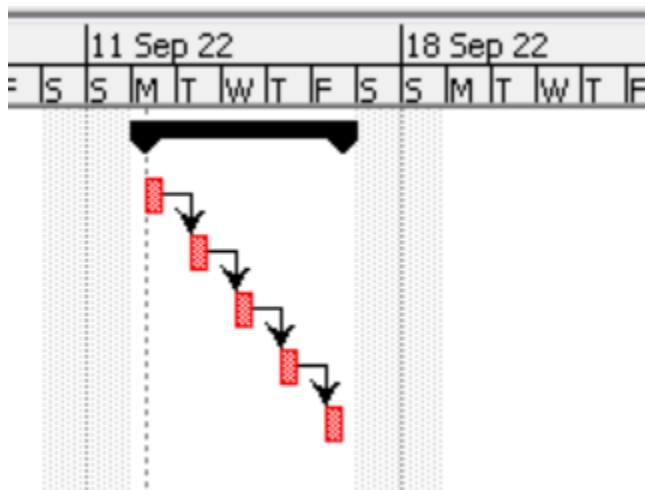
### 2. Create key tasks

Views		Clipboard	Task			
		Name	Duration	Start	Finish	Predecessors
1		<input checked="" type="checkbox"/> Project Summary	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
2		Research	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
3		Design	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
4		Development	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
5		Testing	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
6		Maintainance	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	



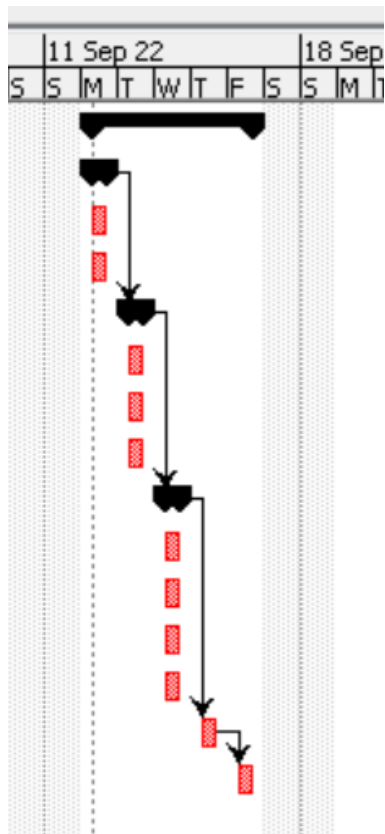
### 3. Create key tasks dependencies

		Name	Duration	Start	Finish	Predecessors
1		<input checked="" type="checkbox"/> Project Summary	5 days?	12/9/22 8:00 AM	16/9/22 5:00 PM	
2		Research	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
3		Design	1 day?	13/9/22 8:00 AM	13/9/22 5:00 PM	2
4		Development	1 day?	14/9/22 8:00 AM	14/9/22 5:00 PM	3
5		Testing	1 day?	15/9/22 8:00 AM	15/9/22 5:00 PM	4
6		Maintainance	1 day?	16/9/22 8:00 AM	16/9/22 5:00 PM	5



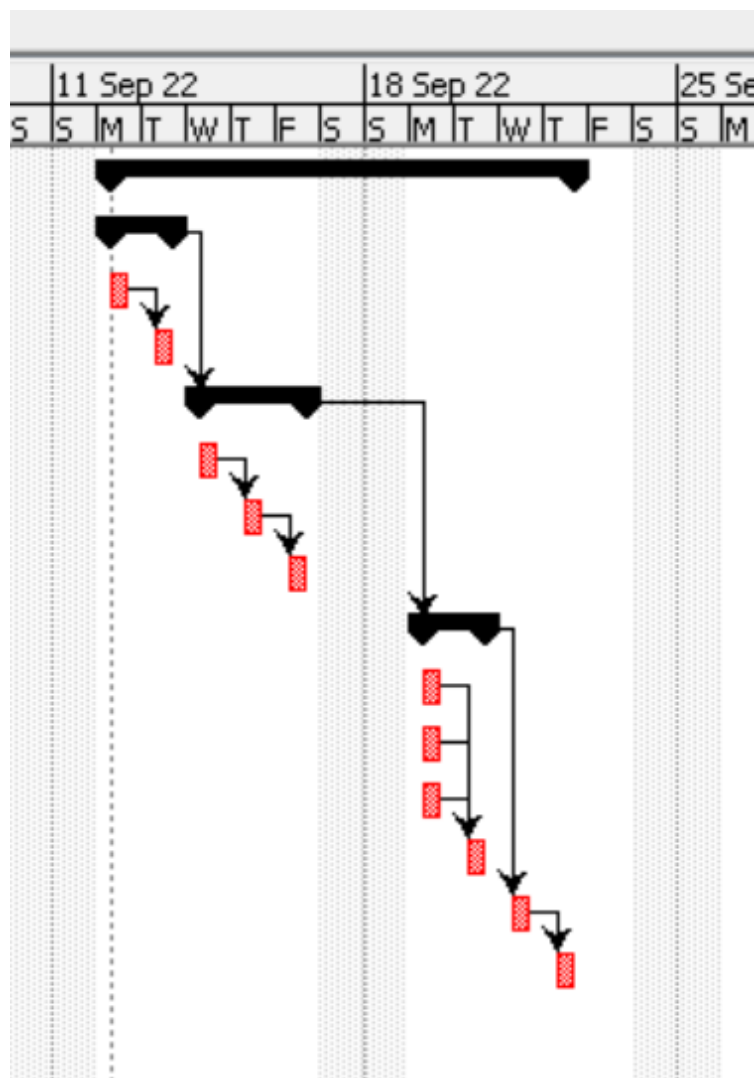
#### 4. Insert sub-tasks and indent

	①	Name	Duration	Start	Finish	Predec
1		☐ Project Summary	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
2		☐ Research	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
3		Team meeting	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
4		SRS Document	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
5		☐ Design	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
6		UI/UX design	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
7		Approval and feedback	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
8		Working on feedback	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
9		☐ Development	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
10		Frontend	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
11		Backend	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
12		Database	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
13		Integration	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
14		Testing	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
15		Maintainance	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	



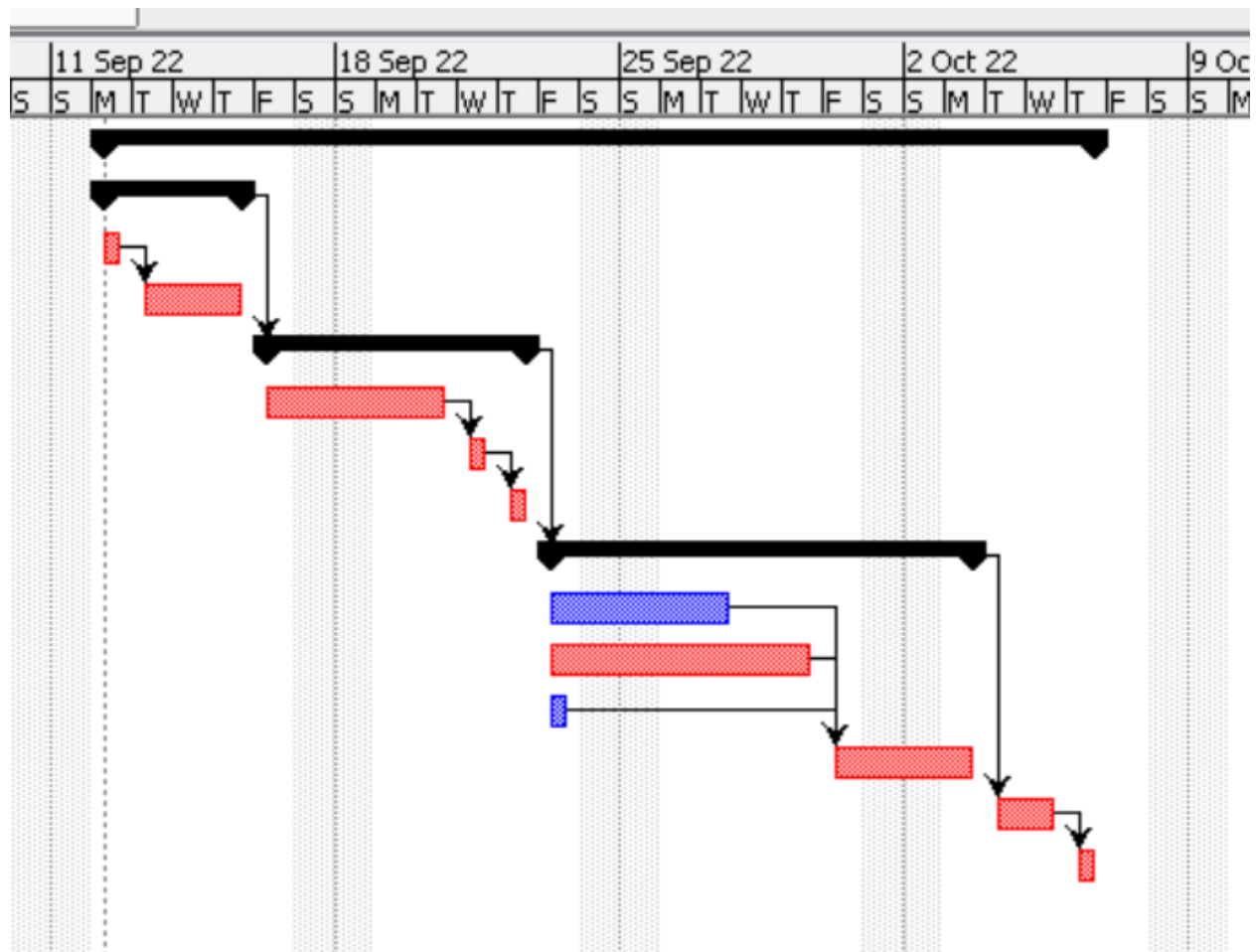
## 5. Create sub-tasks dependencies

		Name	Duration	Start	Finish	Predecessors
1		<input type="checkbox"/> Project Summary	9 days?	12/9/22 8:00 AM	22/9/22 5:00 PM	
2		<input type="checkbox"/> Research	2 days?	12/9/22 8:00 AM	13/9/22 5:00 PM	
3		Team meeting	1 day?	12/9/22 8:00 AM	12/9/22 5:00 PM	
4		SRS Document	1 day?	13/9/22 8:00 AM	13/9/22 5:00 PM	3
5		<input type="checkbox"/> Design	3 days?	14/9/22 8:00 AM	16/9/22 5:00 PM	2
6		UI/UX design	1 day?	14/9/22 8:00 AM	14/9/22 5:00 PM	
7		Approval and feedback	1 day?	15/9/22 8:00 AM	15/9/22 5:00 PM	6
8		Working on feedback	1 day?	16/9/22 8:00 AM	16/9/22 5:00 PM	7
9		<input type="checkbox"/> Development	2 days?	19/9/22 8:00 AM	20/9/22 5:00 PM	5
10		Frontend	1 day?	19/9/22 8:00 AM	19/9/22 5:00 PM	
11		Backend	1 day?	19/9/22 8:00 AM	19/9/22 5:00 PM	
12		Database	1 day?	19/9/22 8:00 AM	19/9/22 5:00 PM	
13		Integration	1 day?	20/9/22 8:00 AM	20/9/22 5:00 PM	10;11;12
14		Testing	1 day?	21/9/22 8:00 AM	21/9/22 5:00 PM	9
15		Maintainance	1 day?	22/9/22 8:00 AM	22/9/22 5:00 PM	14

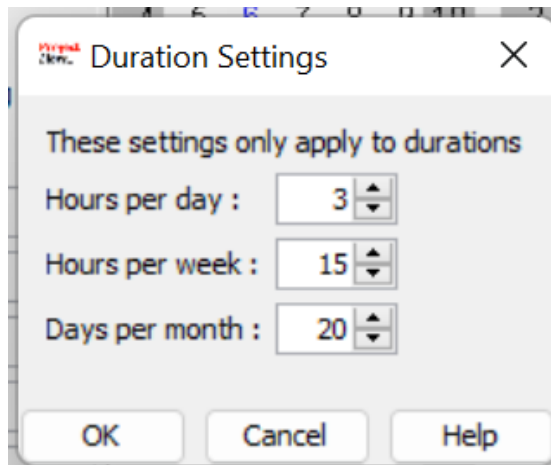


## 6. Estimate duration to all the created tasks

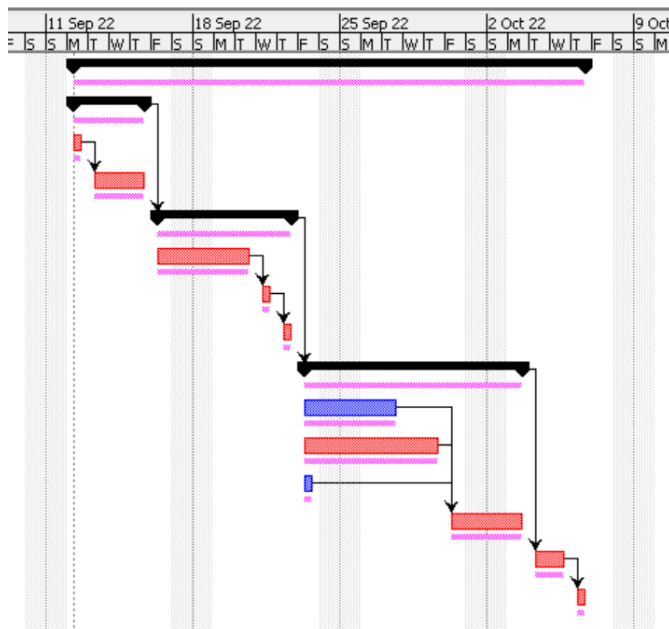
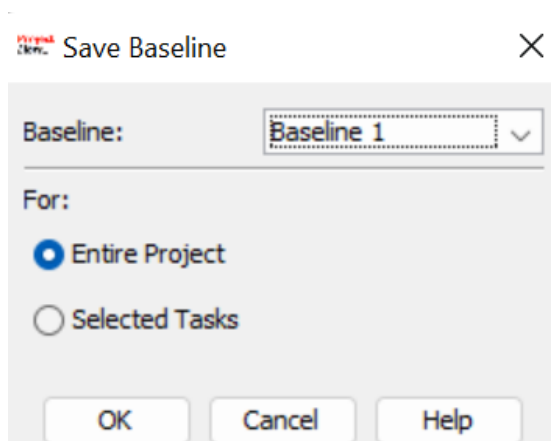
	🕒	Name	Duration	Start	Finish	Predecessors
1		📁 Project Summary	19 days	12/9/22 8:00 AM	6/10/22 5:00 PM	
2		📁 Research	4 days	12/9/22 8:00 AM	15/9/22 5:00 PM	
3		Team meeting	1 day	12/9/22 8:00 AM	12/9/22 5:00 PM	
4		SRS Document	3 days	13/9/22 8:00 AM	15/9/22 5:00 PM	3
5		📁 Design	5 days	16/9/22 8:00 AM	22/9/22 5:00 PM	2
6		UI/UX design	3 days	16/9/22 8:00 AM	20/9/22 5:00 PM	
7		Approval and feedback	1 day	21/9/22 8:00 AM	21/9/22 5:00 PM	6
8		Working on feedback	1 day	22/9/22 8:00 AM	22/9/22 5:00 PM	7
9		📁 Development	7 days	23/9/22 8:00 AM	3/10/22 5:00 PM	5
10		Frontend	3 days	23/9/22 8:00 AM	27/9/22 5:00 PM	
11		Backend	5 days	23/9/22 8:00 AM	29/9/22 5:00 PM	
12		Database	1 day	23/9/22 8:00 AM	23/9/22 5:00 PM	
13		Integration	2 days	30/9/22 8:00 AM	3/10/22 5:00 PM	10;11;12
14		Testing	2 days	4/10/22 8:00 AM	5/10/22 5:00 PM	9
15		Maintainance	1 day	6/10/22 8:00 AM	6/10/22 5:00 PM	14



## 7. Change Working Calendar



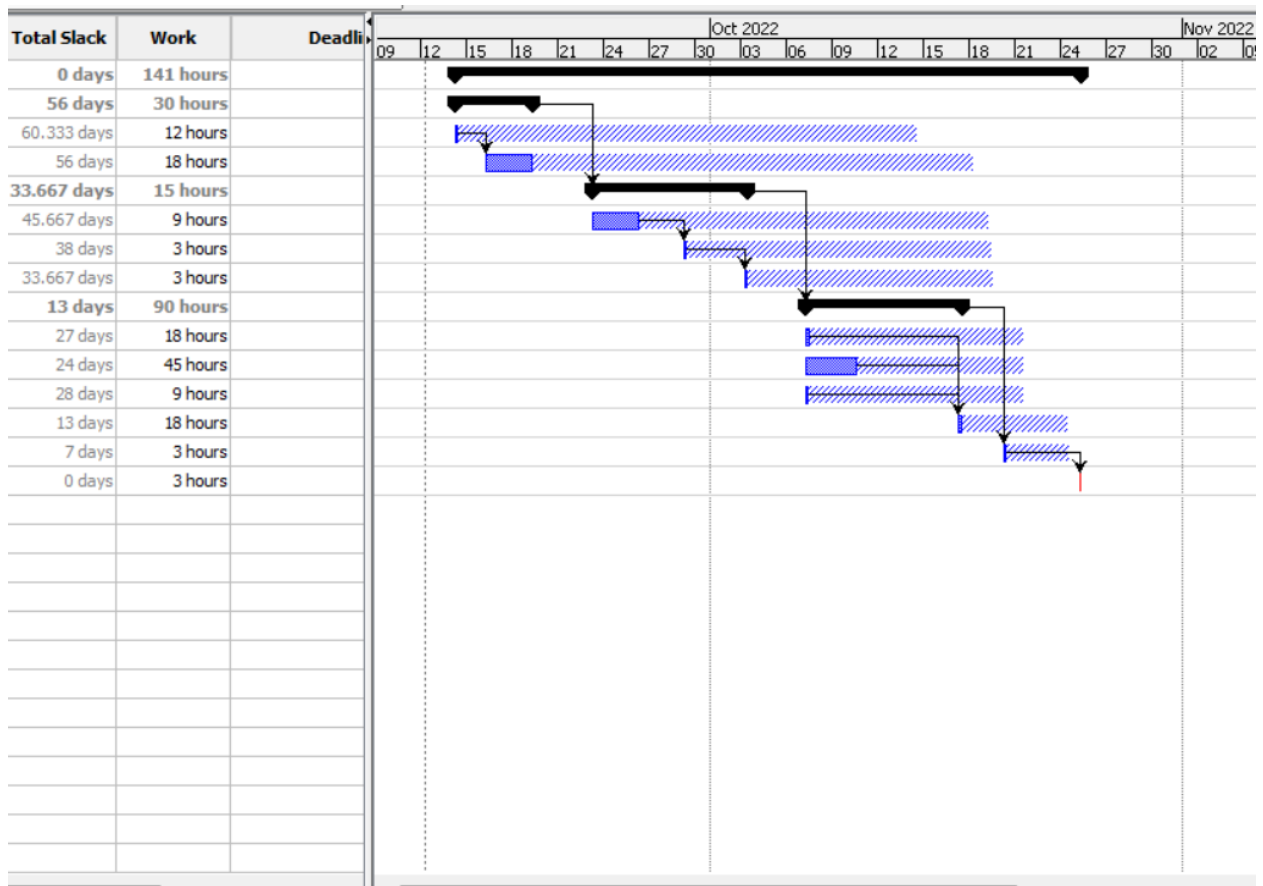
## 8. Save baseline



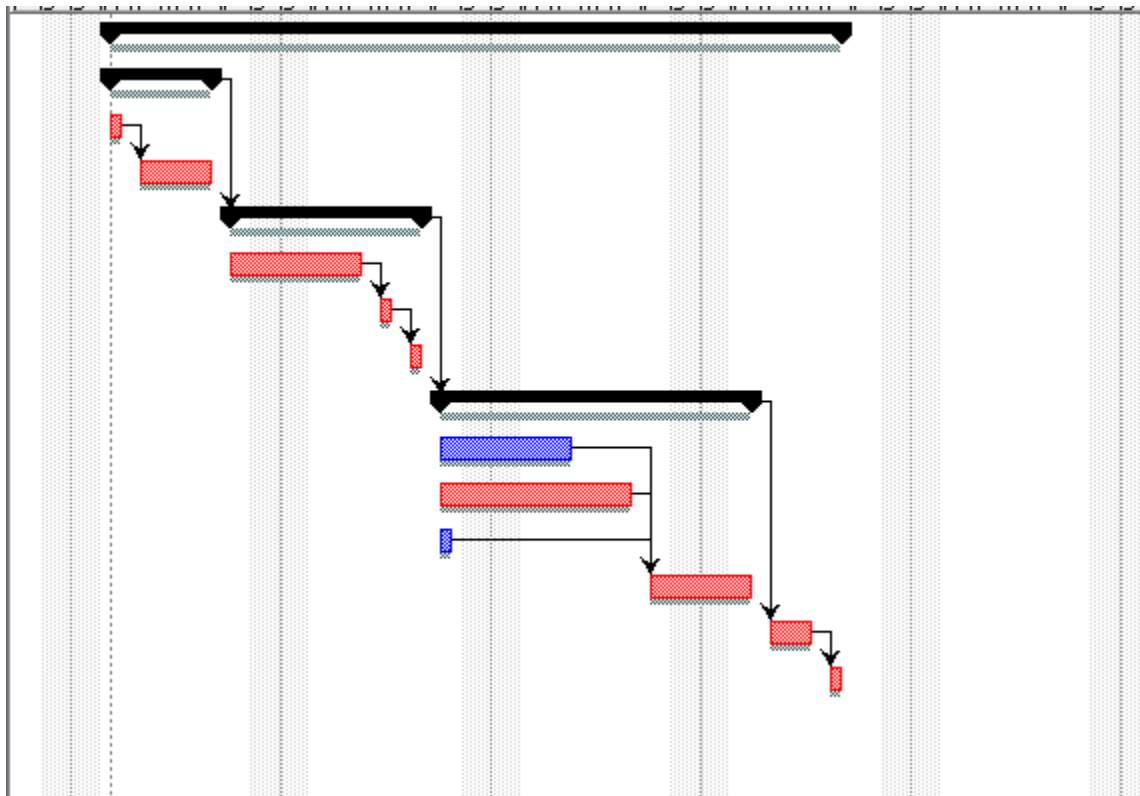
## 9. Insert new columns (Deadlines, Total Slack, Cost, Work., etc.)

Cost	Total Slack	Work	Deadline
Rs.0.00	0 days	184 hours	
Rs.0.00	26.667 days	32 hours	
Rs.0.00	29.333 days	8 hours	
Rs.0.00	26.667 days	24 hours	
Rs.0.00	16 days	40 hours	
Rs.0.00	21.333 days	24 hours	

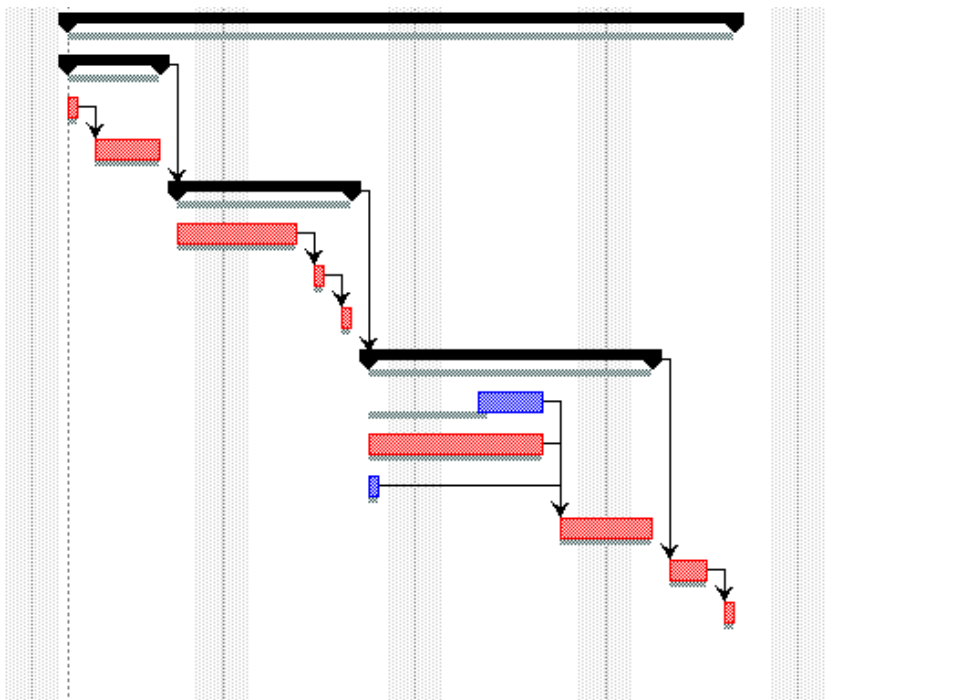
## 10. View Total Slack in the Gantt chart



11. Update the Constraint Type of some tasks and verify the same on the Gantt Chart






After Updating to as late as possible:





The diagram shows a hierarchical tree structure with nodes and edges. The root node is a large black rectangle at the top. It branches into two main paths. The left path consists of a series of red rectangular nodes connected by arrows, descending from left to right. The right path also consists of a series of red rectangular nodes connected by arrows, descending from right to left. A central vertical line separates the two paths. A blue rectangular node is positioned between the two paths, connected to the right path by a horizontal arrow. The entire structure is set against a background of vertical gray stripes.

Team meeting 100% complete  
And SRS document 50% complete

	Project Summary	19 days	12/9/22 8:00 AM	6/10/22 5:00 PM		0 days	184 hours
	Research	4 days	12/9/22 8:00 AM	15/9/22 5:00 PM		0 days	32 hours
	Team Meeting	1 day	12/9/22 8:00 AM	12/9/22 5:00 PM		0 days	8 hours
	SRS Document	3 days	13/9/22 8:00 AM	15/9/22 5:00 PM	3	0 days	24 hours
	Design	5 days	16/9/22 8:00 AM	22/9/22 5:00 PM	2	0 days	40 hours
	UI/UX Design	3 days	16/9/22 8:00 AM	20/9/22 5:00 PM		0 days	24 hours
	Approval and Feedback	1 day	21/9/22 8:00 AM	21/9/22 5:00 PM	6	0 days	8 hours
	Working On Feedback	1 day	22/9/22 8:00 AM	22/9/22 5:00 PM	7	0 days	8 hours
	Development	7 days	23/9/22 8:00 AM	3/10/22 5:00 PM	5	0 days	88 hours
	Frontend	3 days	27/9/22 8:00 AM	29/9/22 5:00 PM		2 days	24 hours
	Backend	5 days	23/9/22 8:00 AM	29/9/22 5:00 PM		0 days	40 hours
	Database	1 day	26/9/22 8:00 AM	26/9/22 5:00 PM		3 days	8 hours
	Integration	2 days	30/9/22 8:00 AM	3/10/22 5:00 PM	10; 11; 12	0 days	16 hours
	Testing	2 days	4/10/22 8:00 AM	5/10/22 5:00 PM	9	0 days	16 hours
	Maintainance	1 day	6/10/22 8:00 AM	6/10/22 5:00 PM	14	0 days	8 hours



## 14.Create a resource hierarchy (like who should report to whom)

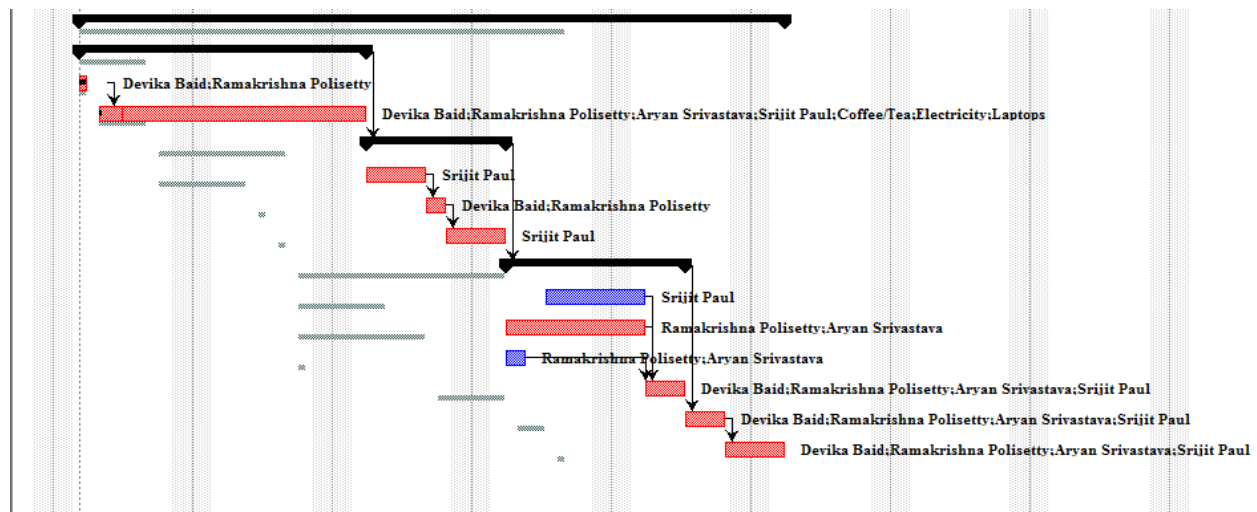
	ID	Name	RBS	Type	E-mail Address	Material Label	Initials	Group	Max. Units	Standard Rate
1		Devika Baid		Work			D	Manager	100%	Rs.100.00/hour
2		Ramakrishna Polisetty		Work			R	Senior Developer	100%	Rs.80.00/hour
3		Aryan Srivastava		Work			A	Developer	100%	Rs.70.00/hour
4		Srijit Paul		Work			S	Designer	100%	Rs.60.00/hour

## 15.Create Materials and set a cost per use

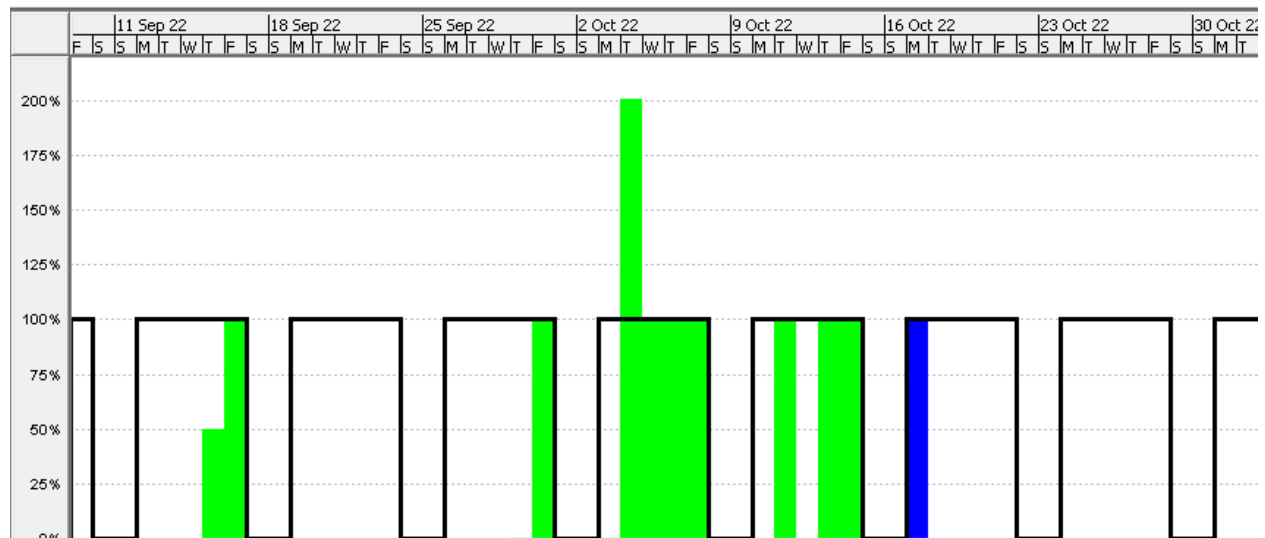
5		Coffee/Tea		Material		C			Rs.0.00		Rs.12.00 Ph
6		Electricity		Material		E			Rs.0.00		Rs.5.00 Ph
7		Server		Material		S			Rs.0.00		Rs.100.00 Ph
8		Laptops		Material		L			Rs.0.00		Rs.50.00 Ph

## 16.Assign Resources to the tasks and verify the same on the Gnatt chart

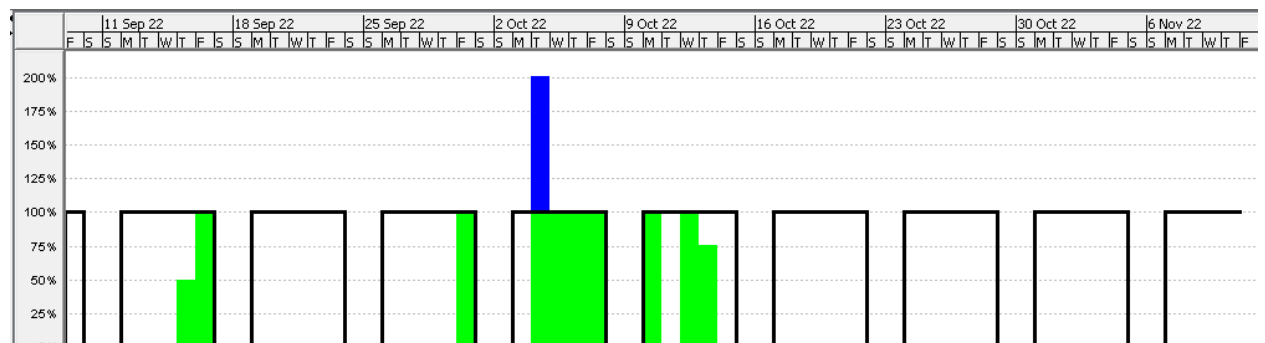
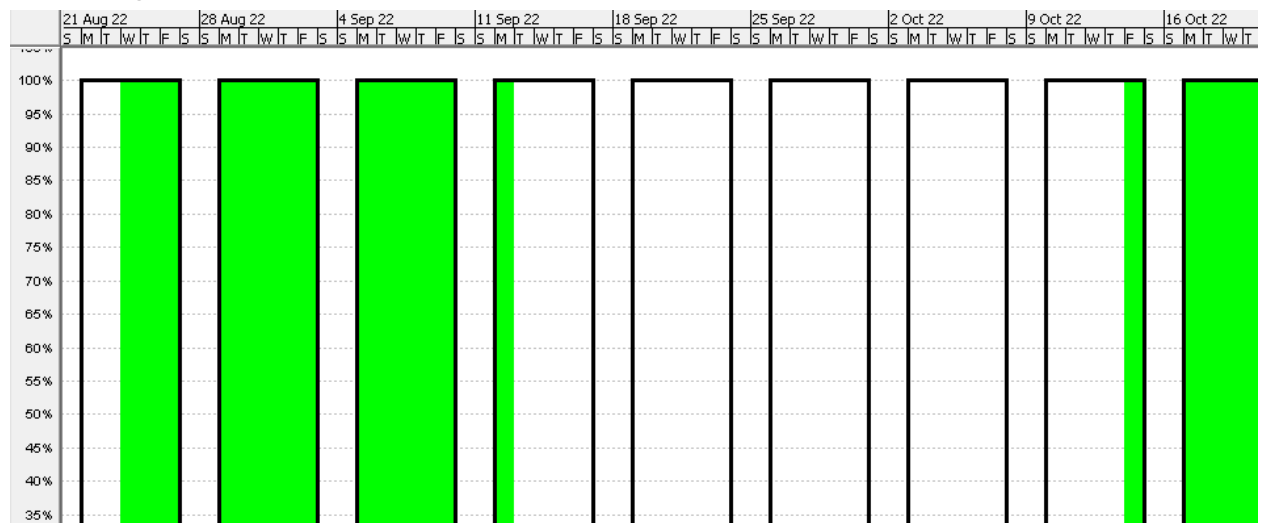
	ID	Name	Duration	Start	Finish	Predecessors	Total Slack	Work	Cost	Deadline	Resource Names
1		Project Summary	26 days	12/9/22 8:00 AM	17/10/22 4:59 PM		0 days	424.961 ho...	Rs.32009.06	7/9/22 5:00 PM	
2		Research	11 days	12/9/22 8:00 AM	26/9/22 4:59 PM		0 days	96.961 hou...	Rs.7609.06		
3		Team Meeting	1 day	12/9/22 8:00 AM	13/9/22 5:00 PM		0 days	8 hours	Rs.800.00		Devika Baid;Ramakrishna Po...
4		SRS Document	10 days	13/9/22 8:00 AM	26/9/22 4:59 PM	3	0 days	88.961 hours	Rs.6809.06		Devika Baid;Ramakrishna Po...
5		Design	5 days	26/9/22 4:59 PM	3/10/22 4:59 PM	2	0 days	48 hours	Rs.3360.00		
6		UI/UX Design	3 days	26/9/22 4:59 PM	29/9/22 4:59 PM		0 days	24 hours	Rs.1440.00		Srijit Paul
7		Approval and Feedback	1 day	29/9/22 4:59 PM	30/9/22 4:59 PM	6	0 days	16 hours	Rs.1440.00		Devika Baid;Ramakrishna Po...
8		Working On Feedback	1 day	30/9/22 4:59 PM	3/10/22 4:59 PM	7	0 days	8 hours	Rs.480.00		Srijit Paul
9		Development	7 days	3/10/22 4:59 PM	12/10/22 4:59 PM	5	0 days	184 hours	Rs.13600.00		
10		Frontend	3 days	5/10/22 4:59 PM	10/10/22 4:59 PM		2 days	24 hours	Rs.1440.00		Srijit Paul
11		Backend	5 days	3/10/22 4:59 PM	10/10/22 4:59 PM		0 days	80 hours	Rs.6000.00		Ramakrishna Polisetty;Arya...
12		Database	1 day	3/10/22 4:59 PM	4/10/22 4:59 PM		4 days	16 hours	Rs.1200.00		Ramakrishna Polisetty;Arya...
13		Integration	2 days	10/10/22 4:59 PM	12/10/22 4:59 PM	10;11;12	0 days	64 hours	Rs.4960.00		Devika Baid;Ramakrishna Po...
14		Testing	2 days	12/10/22 4:59 PM	14/10/22 4:59 PM	9	0 days	64 hours	Rs.4960.00		Devika Baid;Ramakrishna Po...
15		Maintenance	1 day	14/10/22 4:59 PM	17/10/22 4:59 PM	14	0 days	32 hours	Rs.2480.00		Devika Baid;Ramakrishna Po...



## 17. View histogram and check if there is any work overhead

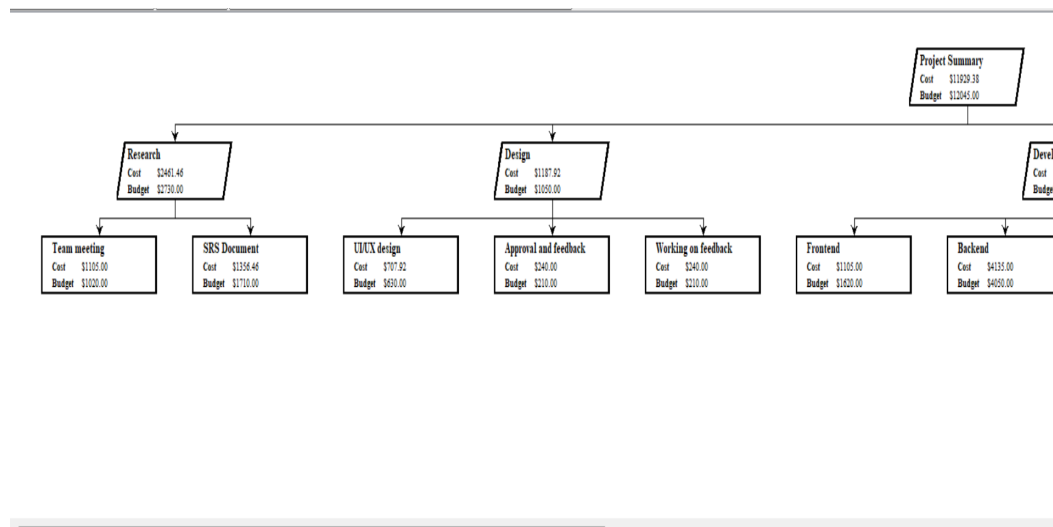


## 18. If any work overhead then resolve it

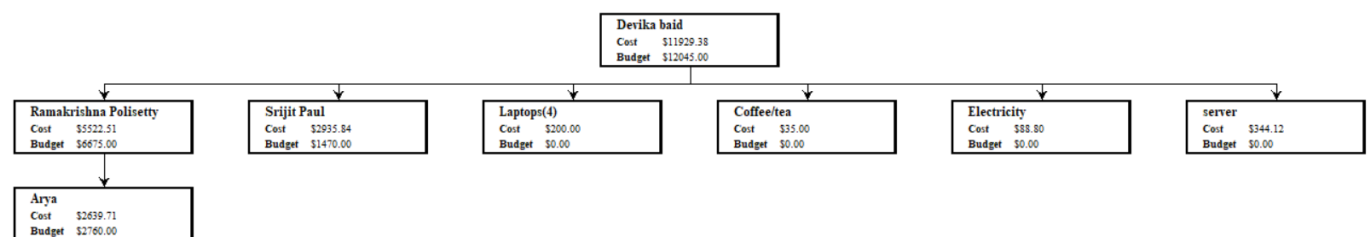


## 19. Explore other options in the View tab (WBS, RBS, Network Diagram, etc.)

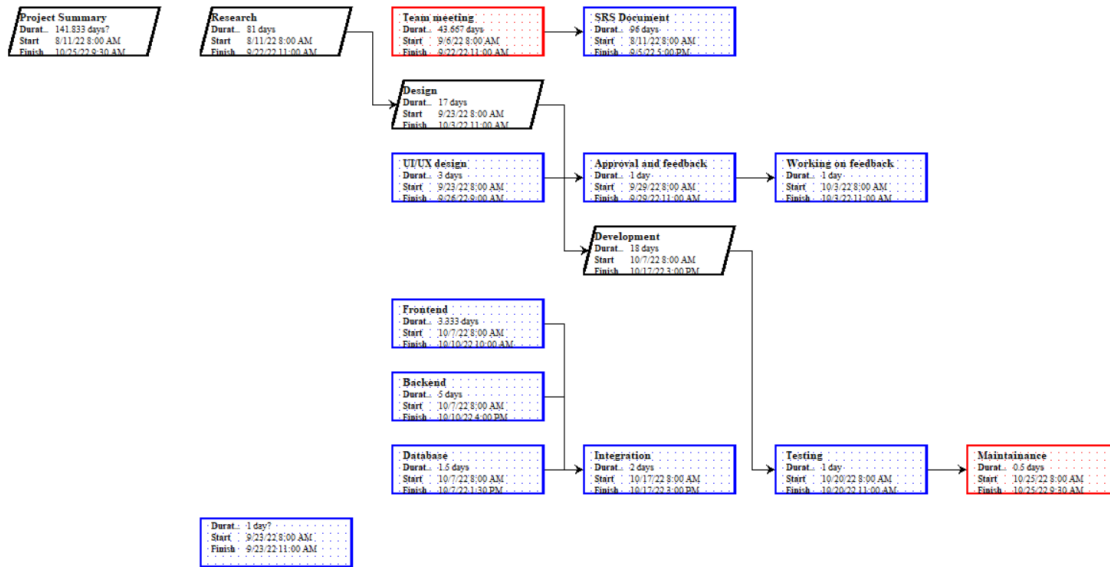
### WBS:



### RBS:



## Network Diagram:



## Project report:

## Doodle Classifier

Dates			
Start	9/12/22 8:00 AM	Finish	10/25/22 9:30 AM
Baseline Start	9/14/22 8:00 AM	Baseline Finish	10/25/22 9:30 AM
Actual Start	9/6/22 8:00 AM	Actual Finish	

Duration			
Scheduled	83.167 days	Remaining	83.167 days
Baseline	77.833 days	Actual	0 days
		Percent Complete	12%

Work			
Scheduled	137.999 hours	Remaining	124.199 hours
Baseline	173 hours	Actual	13.8 hours

## 20. Save the project

