



EAST WEST UNIVERSITY

Project Title

Smart Parking Solution: Revolutionizing Urban Accessibility And
Mobility

Course: CSE495 (IT Project Management &
Entrepreneurship)

Section: 3

Semester: Spring 2024

Submitted By:

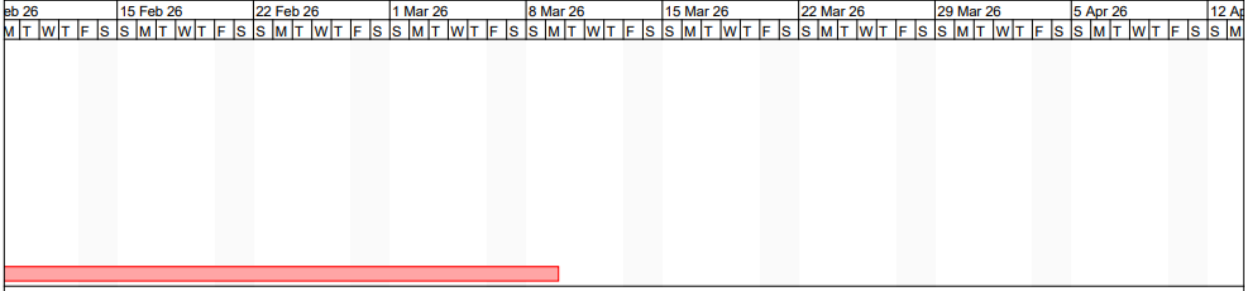
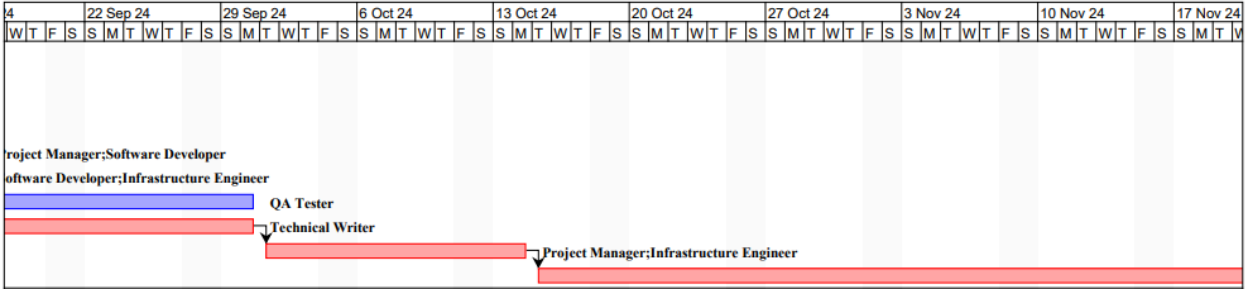
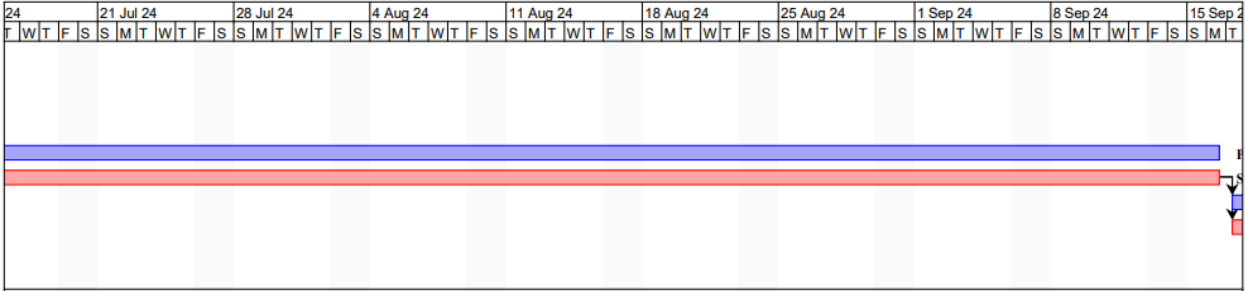
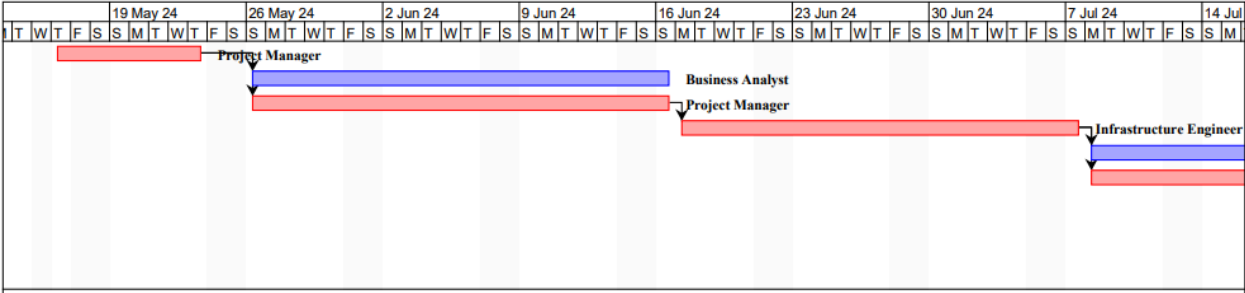
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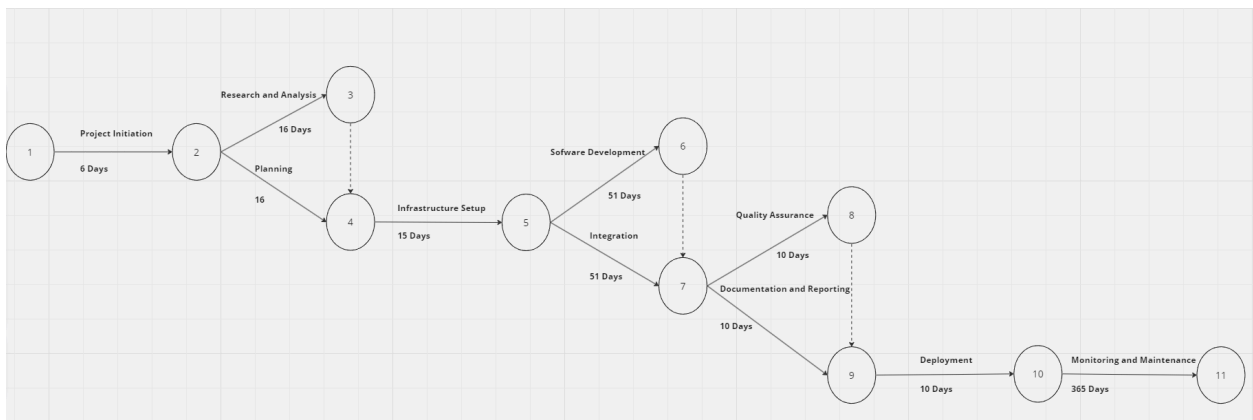
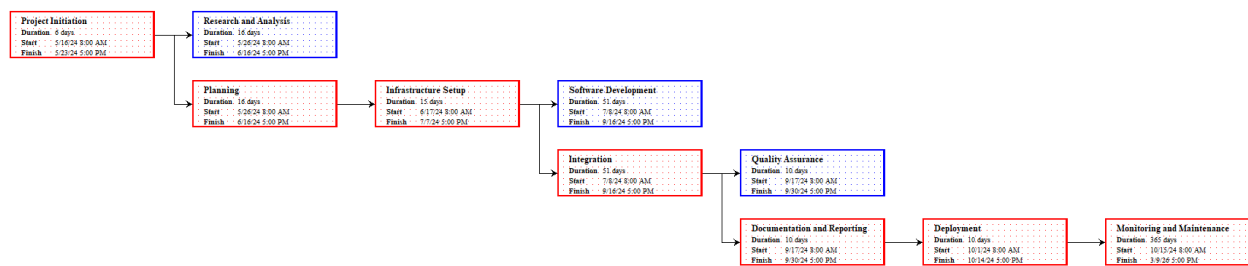
Gantt Chart

		Name	Duration	Start	Finish	Predecessors	Resource Names
1		Project Initiation	6 days	5/16/24 8:00 AM	5/23/24 5:00 PM		Project Manager
2		Research and Analysis	16 days	5/26/24 8:00 AM	6/16/24 5:00 PM	1	Business Analyst
3		Planning	16 days	5/26/24 8:00 AM	6/16/24 5:00 PM	1	Project Manager
4		Infrastructure Setup	15 days	6/17/24 8:00 AM	7/7/24 5:00 PM	3	Infrastructure Engineer
5		Software Development	51 days	7/8/24 8:00 AM	9/16/24 5:00 PM	4	Project Manager;Software ...
6		Integration	51 days	7/8/24 8:00 AM	9/16/24 5:00 PM	4	Software Developer;Infrast...
7		Quality Assurance	10 days	9/17/24 8:00 AM	9/30/24 5:00 PM	6	QA Tester
8		Documentation and Repor...	10 days	9/17/24 8:00 AM	9/30/24 5:00 PM	6	Technical Writer
9		Deployment	10 days	10/1/24 8:00 AM	10/14/24 5:00 PM	8	Project Manager;Infrast...
10		Monitoring and Maintenance	365 days	10/15/24 8:00 AM	7/14/26 5:00 PM	9	Infrastructure Engineer;Sup...



According to the gantt chart we can see ,
The project starts and goes through several phases till it reaches the finish state to get deployed and finally goes into the continuous monitoring and maintenance phase.
Resources are allocated accordingly in each phase of the service's lifecycle.

Network Diagram



The network diagrams depict the flow of activities along with their timeline and dependencies.

Software Costing

Name	Type	Standard Rate	Overtime Rate
Project Manager	Work	30/hour	35/hour
Business Analyst	Work	20/hour	25/hour
Software Developer	Work	15/hour	20/hour
QA Tester	Work	13/hour	18/hour
Infrastructure Engineer	Work	18/hour	23/hour
Technical Writer	Work	12/hour	17/hour
Support/Maintenance Staff	Work	10/hour	15/hour
Software licenses and tools	Material	2,000	
Servers and hardware	Material	5,000	
Hosting and Cloud services	Material	1,500	
Travel and meetings	Material	1,000	
Training and development	Material	1,000	
Office rental (yearly)	Material	1,200	
Contingency	Material	5,000	

Start:	5/16/24 8:00...	Finish:	3/9/26 5:00 PM
Baseline Start:		Baseline Finish:	
Actual Start:		Actual Finish:	
Duration:	473 days	Baseline Duration:	0 days
Actual Duration:	0 days	Remaining Duration:	473 days
Work:	8,216 hours	Baseline Work:	0 hours
Actual Work:	0 hours	Remaining Work:	8,216 hours
Cost:	\$146124.00	Baseline Cost:	\$0.00
Actual Cost:	\$0.00	Remaining Cost:	\$146124.00

The project is estimated to cost around \$146124.00\$ over the period of 473 Days. The cost includes Labor Costs, Software and Hardware Costs, Office Rental Costs, Miscellaneous and Contingencies.

