Aim: Draw a project evaluation & Review Technique (PERT) chart Using ASAMA Tool.

Objective: Create a PERT chart using ASANA Tool.

_Aim:	Draw a Project evaluation & Review Technique
	(PERT) Chart using ASANA Tool.
Objective:	Create a PERT chwet using ASANA Tool.
Theory:	About Program evaluation & Review Technique
7	(PERT) Chart:
	The PERT chart is a project management tool
	used to schedule, organize & a coordinate tasks
	within a project. It helps managers identify
,	the critical path, estimate the minimum time
	needed to complete 9 project. It helps manager
•	& save resources & time
Grand	Key Components of PERT Churt:
	i> Nodes: Represents tasks or events.
	ii) Arrows: Shows dependencies between tasks.
	APIGE & GHINE
	iii) Time estimates: Each time is assigned 3 times
	estimates as:
· .	97 Optismistic time (0): Shortest time to complete
	9 task
	b>Mast likely time (M): Most probable time
	duration.
	c> Pessimistic time (P): Longest time to complete
	the task
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F	Benefits:
· _5/6,	i>Identifies the critical path (Longest path
	of dependent tasks).
	ii) Helps manage complex projects with mutiple
	tasks & dependencies.
	iii) Improves time management & resource
	allocation.
	Example use: A PERT Chart is used in the
↓ · · · · · · · · · · · · · · · · · · ·	projects like software development, construction
•	& testarch where precise scheduling is
	neccessary for sucress.
About the	Milds that the second
Asana tool:	Asong is a popular project management &
	collaboration tool that helps team organize,
-	track & manage their work. It is
-	designed to streamline workflows, improve the
	communication & enhance productivity by offering
	fratures that allow users to plan projects,
·	assign tasks & moniter progress.
2 15	Key Features of Asana Tool:
- 1 1	i) Task management iv) Timeline
7.	ii> Project Tracking v> Collaborative Features.
The range of the	iii) Workspares & Teams vi) Integrating Tasks.
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				management			
LMS:	system (LM3) involves identifying key tasks (events)						
4	and their dependencies, then estimating the time						
	for completion.						
	Tasks invo	lved in the L	Ms devel	ppment			
	i> Requirer	nent Gathering	{A}				
		Design (B)					
		e Setup {C}	A11				
	iv > UI Des	ign {D}					
	v)Backend	Development {	E} //				
	vi > Integra	Him {F}					
	vii Testing	[G]					
	viii>Deploym	ient {H}					
	ix>User to	ginine [I]					
	miters (x	Doumentation II	1				
Time	Task	Description	Predece -Ssor	Time (0-M-P)			
estimation!	A A	Red Gathering	None	2-3-5 Days			
		System Design	LAINE	3-5-8 Days			
	C	Database Setup	A	2-4-6 Days			
	D	UI - Design	A	4-6-9 Days			
	F	Backend deve.	В, c	6-10-14 Days			
	F	Integration	D,E	3-5-7 Days			
	Cy	Testiny.	F	5 - 7-10 Days			
	Н	Deployment.	4	2-3-5 Days			
	is I	User Fraining	H	2 - 4 - 6 Days			
7 × 25	J	System Downer	બ	2-3-4 Days			

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	(ritical path (Longest Duration Path):
	The critical path in PERT chart shows the
	Sequence of dependent tasks that determines
	the minimum project completion time. In this
	rase, based on dependencies & time estimates
	user would identify the longest crute from
	Staret to end, accounting for each dependency
	, , , , , , , , , , , , , , , , , , , ,
Conclusion:	Thus the PERT Chart ensures that mitical
	tasks are completed on time & it allows
,	project managers to focus on dependencies that
1	can coure delays in the Library Management
	System (LMS).
4	
	ARISE & SHINE

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