SEPM

Assignment -2

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	The state of the second of the						
Q.1.	Diff. between CPM & PERT						
	and the world for discourse and deal foliate -						
	CPM PERT						
	and the state of t						
-	CPM stands for critical - PERT stands for project eval.						
	method a Review technique.						
	CPM ais a technique. PERT és a technique of						
	of project management project management which						
WY L	which is used to is used to manage						
	manage only certain uncertain activities of						
120	a chivines of a project. a project.						
	attended to the state of the st						
bant 7	It is a determined model - It is probability medal						
	It has repetitive nature. It has non repetitive						
	at ich. nature of ich.						
M	ge There may be crashing - There is no chance of						
	be cause of certain time bound crashing as there is no						
	· Color P C C C C C C C C C C C C C C C C C C						
	It is appropriate for reasonable. It is appropriate for						
	tre estruction high precision time estruction						
6	It is dummy a finhes our - It doesn't use any						
() L	representing so quevas of activity downing activity.						
ارلو	i what noth me or and did and for						
62	Explain the difference between: total Stad and free stack.						
	and free stack.						



(1) Total stuck and her stade. Total stack: - Total stack in the amount of time a trusk can be delayed without delarging the project is everall completion date. - It is estimated as the differentiale between the took timit & cases fruit of a task. It is e. I the total stack is on the critical peats - The total stack in regulare, It means the project in behind schidele and needs compress run dechniques like crashing on fast tracking Free to Back: "
- 5 & the tital Stack in soro, the trusk is on the critical path.

- ted the total stack is negative it moves the project as bother schedule A needs compression - It is use fed for identifying tesks that.

Can be pospered without affecting depended actinities
If her skeck is rose any delay in the tisk
and invedidley affect the one successor



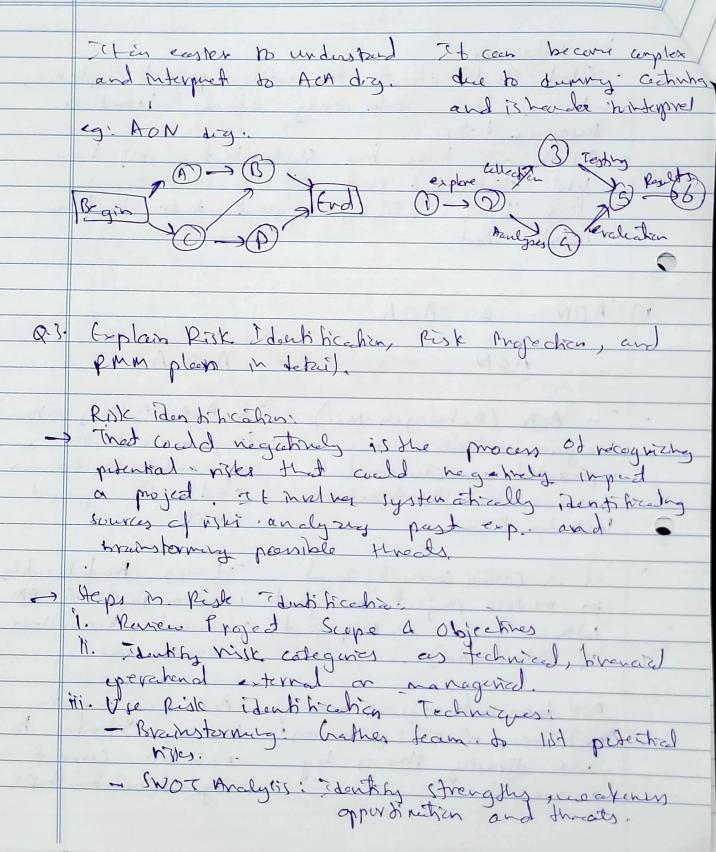
mach treen come of

logical velationships,

- Total slack! affects the entire project completion, whereas free slock only affects immediate supressed tooks - A took com have free Stack but still have had stick, but not vice - Free stack in always equal do or kes them tated steeds. AOA A AOA (ii A.O.A., AON - In ACN (Achniky on Node) In AUN (Achirity on Amer) diagram activities sore diagram actubes - are represented as rodes and represented es orreces approaces show the dependencies and redes represent events. between them It is or are comonly used It was traditionally used in DERT ACPM in modern project ranginal setto are (such as Ms moject networks had inters 4 Primanera). - cumon now. AoN do es ned require deenny dunny activities to are directly Moren by

arroues







Expert Judgerent: Consult experienced purseum.

ter might.

Checklist method: Die a predefined tilk

checklist.

Historical Data Analysis: Tearn kan prev. projects iv. Downent Pisk: crect a risk register listing identified risks with derail. Pisk projection ((shrehon / Arsesment)).

The shrute their likelihood, impact and scuerity.

The good is to morning mys and duelep mighton Makegies. 1) litelihood Assessment: - Astign a probability sceene (low, med, high) ti) Impact Analysis: Evaluate how much danage the risk can course (minor, moderate, senare) 111) Par Exposure Calabation. -> Risk Exposure = Probability x Expod. iv) Rock prio traker. - tig-exposure visks can be monitived with minimal intermedian



pmnm Plan:

This is a structured approach to hardling risks by reducing their probability and impact, morning their status, and defining rangement strategies.

It stands by list matigation, monitoring and management Plans. - Corporents at an RMMAPlan. i) Risk Miligation:

i) Risk Miligation:

- Strategies to reduce or menent vistes before they occurre. - eg: ast avbructed backup systems to rigital ii) Pisk maistring

and ongoing traderry of risks to detect changes

or eg. Condect regulars pertermance audits

to manter budget risks. The king what actions to take it a nike -) eg it a key der teaues, amign a badap. resource.



a. L. Consider on XY2 company undertake a project to computerized working of AAC wing Dank they. i) Develop W. D.S. ter the same moject. i) WBS (Work Break Down Structure) sockers, ensuring a Houndo sheatered approached to implemention. tend-wise WBS for the Project. I Projed Inihaban and Planning 1.1 Requirement Analysis.
1.2 Fearbility Study
1.3 Risk Assessment and Planning.
1.4 Project schedude and Bridgeting. 2. System Design 4 Architecture. 2.1 Database Design 2.2 Justian Architecture 23 Searchy Architecture 24 Hardware pud Netwark in harmesters. 3. Sture Development. 3.1 Core Banking hys. Development 32 lashmer Managenest Modele 3.3 Transaction Praction hysten. 3. L. Online and Mobile Banking.



4. Integration & Testing
Lil hystern integration. 4.2 herotonal testing 400 leavely & Performance destitos 11 hily User acceptance Testing (VAT) 5. Replayment and Employmentation: 5.3 Data Magrahan him legace (ysters. 6.5.6 Gro-the and Maritaring) 6. Training & Documentation.
6.1 Exployer Training session
6.1 Over that named & Technical Noamodokin
6.3 customer support Training
6.4. Training huide 7.3 customer support and. Helpdark responsibility Bergared McMx (AAM)
The responsibility metrix (RACI metrix)
be find rules as I responsibilities of diff.
I sam members. For each major traste
in the project.

- 11





	Task/ - Pr	rjed	Businers	Suffware	Testers	TT	Bank
	Admy M		Analysis	Developers	0	Spport	Street-
	Requirement	R	A	C	4. 6km		
	Analysis					-T	+
	System	R	C	A	-A - 2 - 12		
	Software		J			A	
	- Developped	T_	C	C	A	-	R
	Testing	R		A	C	J	I
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	Doamentruber Mandanance			C	_		J
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	of the	WIN SICKLE	usine) (001)	VI		



Charge Management. Do currenting and tricking of charges to ensures consistency. Build Management: Automating Suftware Compilating & Auckeging Roleanse management: managing software volumes efficiently Autif A Republing: ensuring compliance with structurals and properly goods. A gentl chart is a visual doct used du plante schedule projects. Ets significance militas: - Task schedeling: helps in organizing

tasks cuith struct and end dates

- Resource schedeling allocation:

assigns resources attacety.

- Track schedeling: houghes:

Compare progress:

Compare planned vs actual progress.

- Critical path Identification.

highlight tester that impact project

completion.

- Dependency visualized. - Dependency visualization. Shows trestes inter-dependencies.



ail. Drow the AON 4 ACA notwarde diagram a show the critical pad: Appl: Edoubly dependencies. Activity - The - Prodecensus. E, F, H, J. Dep 2: 3 doubly pathy Acadalate Durch · A - B - C - D - F - J = 2+ S+ S+ [+ 1=19 · A -> B -> C -> D -> G -> I -> I = 2+S+S+B+1+2+1 = 24 · A-18-) E-> J= 2+5+5+1=13 · A-B-C-D-H-J= 2=5+5+5+1+1=19 Acp3: Edoubly the critical path Correct path: A-18+ (-) D+ h- I-J, tetal 21 days
correct path is: A-18+ (-) D- h- I-J.



G: Draw diagrandon AON: C - 10 - 10 - 1 - 17 AOA: B D And latitude withy plante : 6900