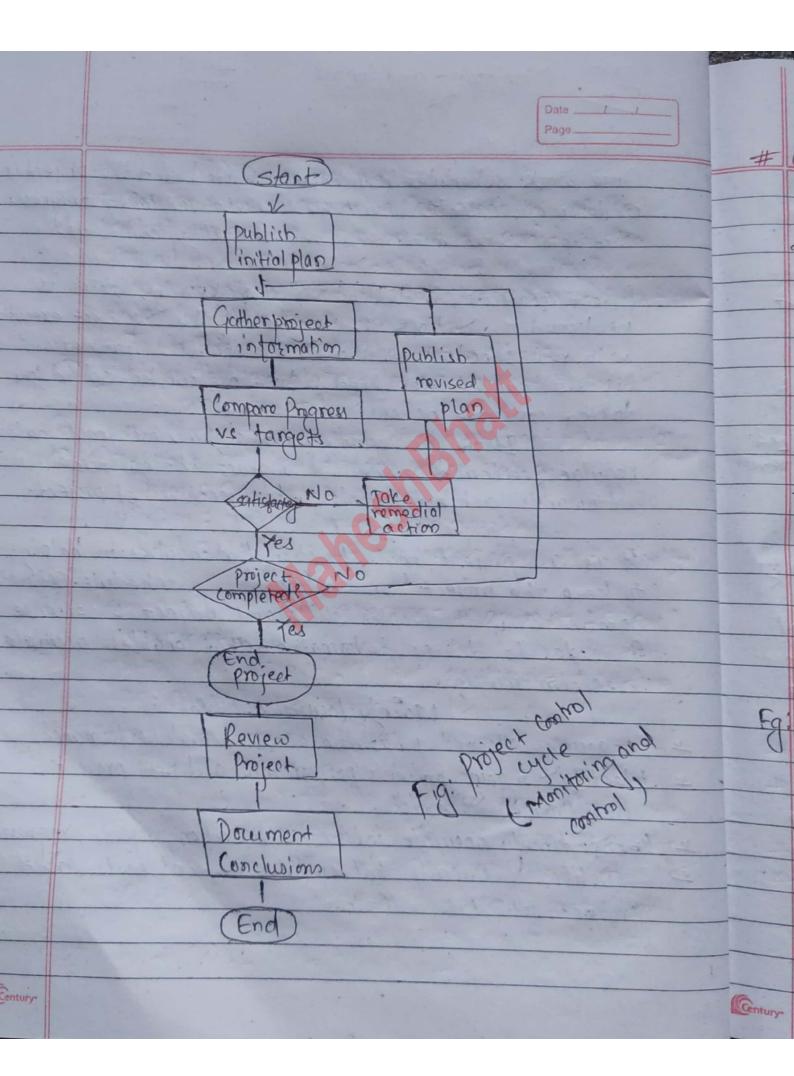
Unit Monitoring and Control Introduction: Once work schedules have been published and the project is under way, attention must be focused on ensuring progress. This is where monitoring and controlling comes up. monitosing Project maniforing is defined as " a proker by which is performed to Strack the progress of the Sproject execution with real schedule so that the potential problems (if exist) can be identified in time are can be solved by taking corrective actions regular feedback on the progress by which mgt gets towards achieving goals and objectives of project It is a "project most function that involves in helping to keep the project on (tools) schedule? It is combined with peoples skills and project experience an order to deliver information that enables accurate decision making. Moinly focuses on: (Both) * Measuring planned performance ve actual performance

+ Identity ongoing projects performance and prof prevent if

any problems exists. Keeps timely occurate information based on projects progress Deliver forecasts that update current costs and project schedule (etc.)



#	Collectiv	ng Dota:	U. Managa	y sell ku	Page		9	
	As a rule, the managers will try to breakdown long activities Goto more controllable tasks of one as two weeks duration. But it is Still necessary to gather information about part partially completed extinities and in particular desecasts, of how much work is left to be completed.							
	Alhere there is a series of product, partial completion of activities is easier to estimate by counting the no. of records specification as screen layouts.							
	Produced. Eg: It can provide reasonable measure of progress. Le can do Partial Completion Reposting and Risk Reporting during							
	Generally, weekly time sheets are used to represent partial data completion reports as they provide good information about what has been achieved.							
Fgi	Project	-	Description	Hours this week	Complete	Scheduled completion	Estimated Completion	
	AI	A425	Cod Mod A25	15	20	24/4/22	24/4/22	
	PSS	OTTE	Dovelop now logo	20	80	1/2/22	25/1/22	
Gentury			V					

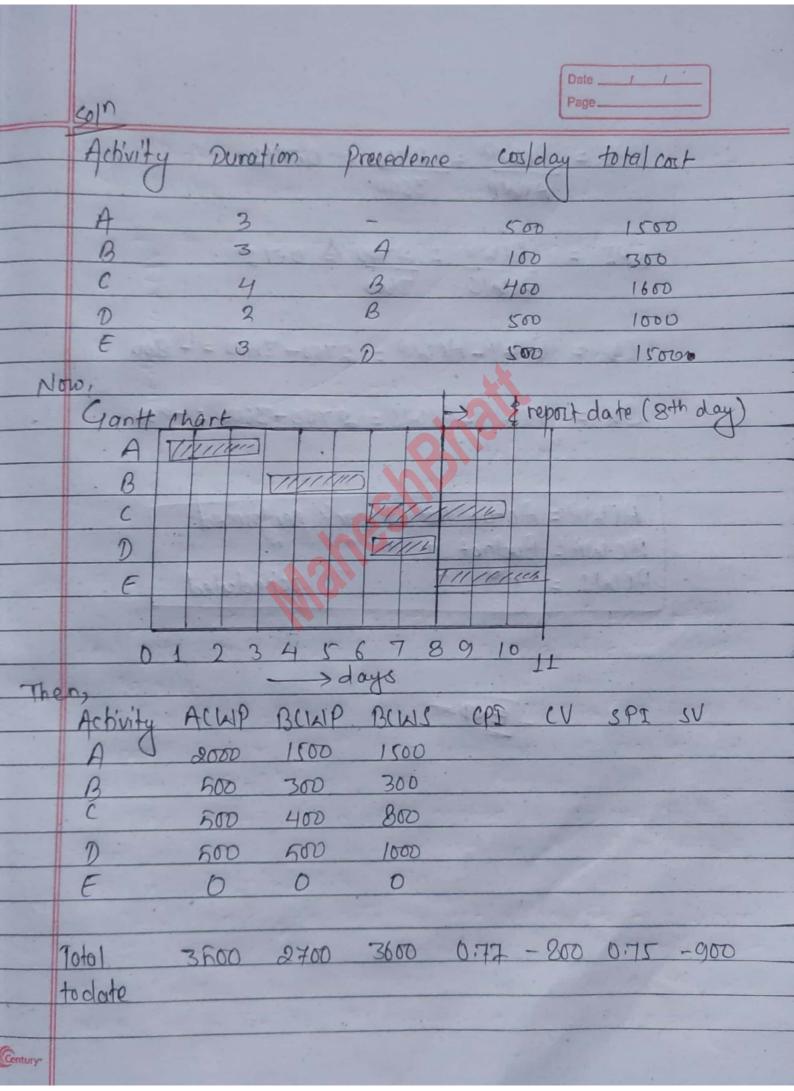
	Date
	Page
Sept.	(B) Risk Reposting:
Second .	A popular way to overcome the objections of the
dense	partial completion reposition is to avoid asking
Mr. White	estimate of likelihood of mooting the planned target date instead to the team members.
1000	estimate of likelihood of mooting the planned target
	The firsted to the team members!
0	Identify the lease stamp to the method:
	To do this, we use traffic light method: Identify the key element to assessment in piece of work (Litalevel)
(b)	break there key elements Coto constituent alamonte land
0	Asses each and level elements on the scale on: level)
15 000	Green: On target
a desta	Amber: Not on target but recoverable
	Red: Not on tengot and recoverable with difficulty
(d)	
	Use of mont.
0	
	an overall assessment.
11	1/0
#	Visualing Progress: Obout project process, he she needs some way
	As the monager has collected dota
THE REAL PROPERTY.	Whout project process, he she needs some way
lane !	Obout project process, he she needs come way by representing that do to greatest effect. Here, we will discuss about some of those date representing methods: (D) Gantle Chart (D) Slip chart (C) Boll Chark
	the models will discour about some
	@Contachant (Delington of methods)
Century	Composition Colors

							Date	1 1		
							Page			
		@ Gantt	Chart:	4 3 1	white to	Call La		3007	724	
-	One of the	aldest an	ed simpl	est tec	hniqu	ie fo	s track	ing p	roject	
	progress. It is an activity bar chart indicating scheduled									
	activity dates.									
	Tool	10.000	- N	0	2001	T.4.	10	2001		!
3	Task.	91 2021	1	02 2				2021	10.	
3	Ladilla	Jant Feb	1 - I. OLT	HAT	may	Junt	Juli	Augl	Sept	
	Planning	VIII.	1112				-	133.4	MAIN	
Ber	Research	18"	1/1/11		S.	iety		21		
	Design	100	171	1/11/2					1	
	1 mptement			7/1	1111	1100	1000			
	Follow UP		100	15085			.711	1110		
					45	-				
		Fig.	eanth c	hart			- T		- 3	
			1		2120	1	() N	100		
		6) Slip				11			11 1	
A)	Provides more striking visual indication of those activities that are						are			
0	not progres				1.	!	1 11 0.		- 1	
(3)	The more the Slip line bends, the greater the variation from									
	THE PL				-					
	11/11	Menn			IOE/F	112	20 00	del -		7-00
	V	INII		-	208/9		4 - 1			
		Tuni.		1	OE/91	14	torale	10-		-
1.	1/1/1/1	1 1/1/1/11			20E/P	115	Fina			
					IOE/P/	19A				
Century			F19:	Slip	char	+				
	200	Sara Co	10.			Same	135	Service Services		

	Date
	Page
	@ Ball Charts:
3	Even more shiking way of showing whether or not the
(1)	targets have mel o
· GO	Circles only contains two dates: The original and most
*	recent target dates or the original and actual dates.
	Jun 3 code and test (sus)
- 1	Jun3 code and test (sws) Jun3 module A (Ayg6)
	(Mars) Mosare VI
	Jul 7 Code and test Sep 7
	(Augs) module B (Aug9)
	Fig. Ball chant
- 11	
#	Cost (Expenditure) Monitoring: (out monitoring is an impostant component
	Cost monitoring is an impostant component
Sec. 200	of a project comprol. Non only en & hely but also
	eltert that has some forth a project.
	effort that has gone indication of the effort that has been spent on achilles
	became more money has been sport on achie has
	than orginal budget.
	A cumulative expenditure chart provides
	planned expenditure.
	planned expenditure.
(Century)	

	Date
	Page
	Eq: Illustrate a project running late or one that is on time,
	but has shown substantial costs saving.
	La company of the com
	planned cost.
	*
	actual cost
	actual cost
	3
1.	
	Time (weeks)
	Fig: Tracking Cumulative Expenditure
4	Earned Value Analysip:
#	It is based on assigning a value to each other
	tall or work parkage bared on osiginal expenditure
	task of work package bared on osiginal expenditure
774	one way of looking at this is as the equivolent of the price that might be agreed by a combactor to do the unit of work.
	price that might be agreed by a combactor to
	do the unit of work.
	The assigned value is original hudget cost for the
	The assigned value is osiginal hudget cost for the item and also known as planned value (PV) or budget
	- 1 1
	as (credit) earned value (EV) or budgetted
	as (credit) earned value (EV) or budgetted
	as cost of work performed (BCLIP) and this can be represented as a money value, an amount of staff time on a
	as a money value, an amount of staff time on a
Century	

		Date/
		Page
		0.000
	percentage of Pu.	4 2
	C-101 11 Cane) 51/100	
	Cost Performance Index (CPI) = EV/AC	
	AC = actual cost	
		10 15
	Schedule performance index (SPI) = EV	PV=
- Fg	Perform earned volue analysis of given 1	oxoject:
- 0.		
	Achivity Durobon (days) Precedence	Cost day
	A 3	500
	B 3 A	100
The same of	c 4 B	400
	2 3	500
	E 3	(00
- Santi	sama da	10/10/
	The progress after end of 8th day is	4 100
- matrix	O.	
	Activity % Completion Incurred cost	- All Salar
	A 100 2000	Carlotte Co.
-	B 100 500	
March 1	C 25 500	Tarris and
	0 500	The second second
- Charles	E	1
1 de la		
The Same of	Calculate SV, SPI, CV and CPI no	nina himi
	and (P)	specific well
Century		



CPI = BCWP = 2700 = 0.771 ACWP 3500 SPI = BLWP = 2700 = 6.75 BUNIS 3600 CV = BCIMIP-ACIMP = 2700-3500 = -800 SU = BCINP-BCINS = 2700-3600 = -900 BCINIS = Notual Cost of works performed

BCINIS = " " scheduled) END-MAN PORMA . ON Century