A list of identified tasks with time estimates for a certain software project is shown in table A. Perform Earn Value Analysis and show PV, AC, RP, EV, CV CPI, SV, SPI, and EAC.

TABLE A

Task ID	Task Description	Estimated task duration (days)	Predecessors	Budget estimated in Nu.
1	Specify overall system	34		60,000
2	Specify Module A	20	1	1,00,000
3	Specify Module B	15	1	80,000
4	Specify Module C	25	1	1,25,000
5	Specify Module D	15	1	80,000
6	Check Specification	2	2,3,4,5	60,000
7	Design Module A	7	6	35,000
8	Design Module B	6	6	35,000
9	Design Module C	4	6	35,000
10	Design Module D	4	6	35,000
11	Code & Test Module A	30	7	1,50,000
12	Code & Test Module B	28	8	1,50,000
13	Code & Test Module C	15	9	1,50,000
14	Code & Test Module D	25	10	1,50,000
15	System integration	6	11,12,13,14	50,000

Progress Status

Task ID	Task Description	Status	Estimated task duration (days)	Actual Start Date	Actual Duration	Actual Cost
1	Specify overall system	100%	34	+10 days		1,10,000
2	Specify Module A	100%	20	+15 days	+15days	1,00,000
3	Specify Module B	100%	15			1,00,000
4	Specify Module C	100%	25			1,30,000

5	Specify Module D	100%	15		80,000
6	Check Specification	100%	2		35,000
7	Design Module A	100%	7		50,000
8	Design Module B	100%	6		50,000
9	Design Module C	100%	4		50,000
10	Design Module D	100%	4		50,000
11	Code & Test Module A	100%	30		1,50,000
12	Code & Test Module B	100%	28		1,10,000
13	Code & Test Module C	0	15		
14	Code & Test Module D	0	25		
15	System integration	0	6		