

Calculating the earned value indicators for week 2 ...

ID	Activity	Planned cost	Completed	Calculating
1.1	Monitor & control week 1	\$ 2.000,00	100%	\$ 2.000 (Planned cost * % completed)
1.2	Monitor & control week 2	\$ 2.000,00	100%	\$ 2.000
2.1.1	Elicit requirements	\$ 240,00	100%	\$ 240
2.1.2	Analyze requirements	\$ 240,00	100%	\$ 240
2.1.3	Review requirements	\$ 240,00	100%	\$ 240
2.2.1	Design system architecture	\$ 240,00	100%	\$ 240
2.2.2	Design database	\$ 400,00	100%	\$ 400
2.2.3	Design interface	\$ 240	100%	\$ 240
2.3.1	Implement menu module	\$ 1.000,00	100%	\$ 1.000
Earned value (summing up)				R\$ 6.600

Earned Value Management (using cumulative values)

PV - Planned value is the authorized budget assigned to the work to be accomplished for an activity.

AC - Actual Cost is the total cost actually incurred and recorded in accomplishing work performed for an activity.

EV - Earned value is the value of work performed expressed in terms of the approved budget assigned to that work for an activity.

Schedule variance (SV) is a measure of schedule performance calculated by:
 $SV = EV - PV$.

Cost variance (CV) is a measure of cost performance calculated by:
 $CV = EV - AC$.

Schedule Performance Index (SPI) is a measure of progress achieved compared to progress planned on a project. $SPI = EV / PV$

Cost Performance Index (CPI) is a measure of the value of work completed compared to the actual cost or progress made on the project. $CPI = EV / AC$