| Activity | Procedure | Duration (Month) | Budget (K) | Progress | AC |
|---|---|---|---|---|---|
| Requirement analysis | | 1 | 200 | 100% | 200 |
| Designing | Requirement analysis | 1 | 200 | 100% | 300 |
| Implementation | Designing | 2 | 600 | 100% | 600 |
| Testing | Implementation | 1 | 400 | 100% | 400 |
| Validation | Testing, Designing | 1 | 200 | 100% | 200 |
| Verification | Validation | 1 | 400 | 50% | 200 |

1 – We are over the budget by 100K minimum

2 – We are behind the schedule by 0.5 month

$AC = 200 + 300 + 600 + 400 + 200 + 200 = 1900$

$EV = 200 + 200 + 600 + 400 + 200 + 200 = 1800$

$PV = 200 + 200 + 600 + 400 + 200 + 200 = 1800$

$BAC = 200 + 200 + 600 + 400 + 200 + 400 = 2000$

$CV = EV - AC = -100$

$SV = EV - PV = -200$

$CPI = EV / AC = 0.9474$

$SPI = EV / PV = 1$

$EAC = AC + (BAC - EV) / CPI = 2111.1$