

| TASK ID  | ACTIVITY    | PREDECESSOR | DURATION (WEEKS) | BUDGET (K\$) | PROGRESS | ACTUAL COST |
|--|-------------|-------------|------------------|--------------|----------|-------------|
| 1  | Planning    | -           | 7                | 35           | 100%     | 30          |
| 2  | Development | 1           | 19               | 170          | 100%     | 180         |
| 3  | Testing     | 2           | 8                | 80           | 50%      | 30          |
| 4  | Deployment  | 3           | 9                | 1            | 0%       | 0           |
| 5  | Management  | 4           | Ongoing          | 100          | 0%       | 0           |
| CV (Cost Variance) = EV (Earned Value) - AC (Actual Cost)                                |             |             |                  |              |          |             |
| EV = Budgeted Cost of Work Performed (BCWP) = Progress * Budget                          |             |             |                  |              |          |             |
| AC = Actual Cost = Actual Cost of Work Performed (ACWP)                                  |             |             |                  |              |          |             |
| SV (Schedule Variance) = EV - PV (Planned Value)   |             |             |                  |              |          |             |
| PV = Budgeted Cost of Work Scheduled (BCWS) = Budget * Duration / Total Project Duration |             |             |                  |              |          |             |
| CPI (Cost Performance Index) = EV / AC   |             |             |                  |              |          |             |
| SPI (Schedule Performance Index) = EV / PV   |             |             |                  |              |          |             |
| EAC (Estimate at Completion) = BAC (Budget at Completion) / CPI                          |             |             |                  |              |          |             |
| CV = 5k  |             |             |                  |              |          |             |
| SV = -217.7K   |             |             |                  |              |          |             |
| CPI = 1  |             |             |                  |              |          |             |
| SPI = 0.9  |             |             |                  |              |          |             |
| EAC = 242.7K   |             |             |                  |              |          |             |