

Team Activity: Project Performance Evaluation

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Scenario-Based Team Activity

Scenario

Your team has been assigned the role of project managers for a mobile application development project. The application aims to provide real-time tracking and analytics for delivery services. The total project budget is \$300,000, and the planned completion time is 6 months. At the end of month 3, the following data is available:

- **Planned Work Completion:** 60%
- **Actual Work Completion:** 50%
- **Actual Cost Incurred:** \$200,000

Using this information, your team must:

1. Calculate the following metrics:
 - Planned Value (PV)
 - Earned Value (EV)
 - Schedule Performance Index (SPI)
 - Cost Performance Index (CPI)
 - Estimate to Complete (ETC)
 - Estimate at Completion (EAC)
 - Variance at Completion (VAC)
2. Interpret each metric to evaluate the project's performance in terms of schedule and budget.
3. Propose two corrective actions to bring the project back on track if it is delayed or over budget.

Team Instructions

- Form a team of 3-5 members.
- Assign roles within the team (e.g., formula calculator, data interpreter, proposal writer).
- Use the provided scenario and data to calculate the metrics step-by-step.
- Discuss and interpret the results to identify performance gaps.
- Develop a short presentation (5 minutes) outlining your findings and proposed actions.
- Submit your calculations and proposals as a written summary.

Time Allocation

- **Metric Calculations:** 30 minutes
- **Discussion and Proposal Development:** 20 minutes
- **Presentation Preparation:** 10 minutes

Expected Deliverables

- A written summary of all calculations and interpretations.
- A list of two proposed corrective actions.
- A 5-minute presentation summarizing your findings.

Assessment Criteria

- Accuracy of calculations (40%)
- Clarity of interpretations (30%)
- Creativity and feasibility of proposed actions (20%)
- Presentation quality (10%)