Understanding why Projects Fail

November 4, 2024

Engineers for Exploration, UC San Diego

We know projects fail. Why?



When are good times to figure out why projects fail?

5 Stages in Project Lifecycle 01 03 05 Project Project Project Execution Closure Initiation Project Project Monitoring Planning and Control 04 02



Introducing:

- Pre-mortems
- Post-mortems



Post-mortem

What is a Post-mortem?

• Learning from past experiences



What is a Post-mortem?

- Learning from past experiences
- Increasing team communication



What is a Post-mortem?

- Learning from past experiences
- Increasing team communication
- Improving team morale



Reflection



- Reflection
- Reconvene



- Reflection
- Reconvene
- Reset



- Reflection
- Reconvene
- Reset
- Review



- Reflection
- Reconvene
- Reset
- Review
- Refine



- Reflection
- Reconvene
- Reset
- Review
- Refine
- Recap



Reflection

Allows the team to:

- Return from any emotional highs or lows
- Individually identify concerns/feedback



Reconvene

- Set a time
- When is too late?
- When is too early?
- When to decide the time?



Reset

- No ego, no rank
- Reduce authority gradient
- Only one role facilitator



Review

- Identify objectives/goals
- Assess performance
- Use context rich stories
- Provide feedback



Refine

- Plan for getting/doing better
- Focus on individual and team performance



Recap

- Review all learnings
- Make sure everyone is on the same page



Pre-mortem

What is a Pre-mortem?

 \bullet Apply learning from past experiences - prospective hind sight



What is a Pre-mortem?

- Apply learning from past experiences prospective hindsight
- Increasing team communication align on project risks, involve cross-functional teams



What is a Pre-mortem?

- Apply learning from past experiences prospective hindsight
- Increasing team communication align on project risks, involve cross-functional teams
- Proactive risk assessment reduce overconfidence



• Create a plan



- Create a plan
- Identify potential project failures



- Create a plan
- Identify potential project failures
- Share risks



- Create a plan
- Identify potential project failures
- Share risks
- Identify risks with high likelihood and/or severity



- Create a plan
- Identify potential project failures
- Share risks
- Identify risks with high likelihood and/or severity
- Review and revise project plan



Practical exercise

