Project Management Symposium

Preventive Risk Management | Building Program Resilience

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A little about me..

- Born and brought up in India
- Bachelors in Electrical Engineering; Masters in Business Administration
- ~12 years of work experience – Qualcomm/GE/Amazon; 7 years as a program/product/engineering manager
- Family of 3 – my husband Bharath and my 10 year old daughter Prerani
- Outside of work, I sing, chit chat with my daughter (more like a friend) and travel (a lot!!!). Moved recently to the US, so a lot to explore ☺

Let's start with some data

- 66%
- 71% of 50K in the study
- $260B
- 14%; 31%; 43% and 49%

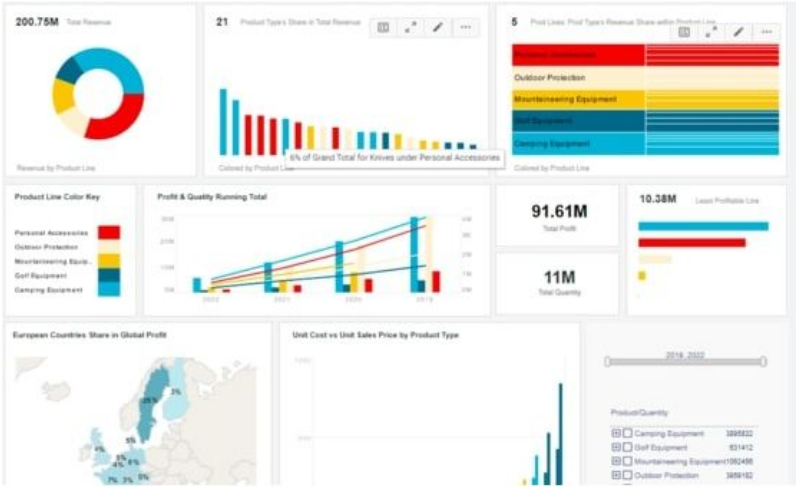
Hint: they are all related to project management ☺

Multiple reasons but a common theme…

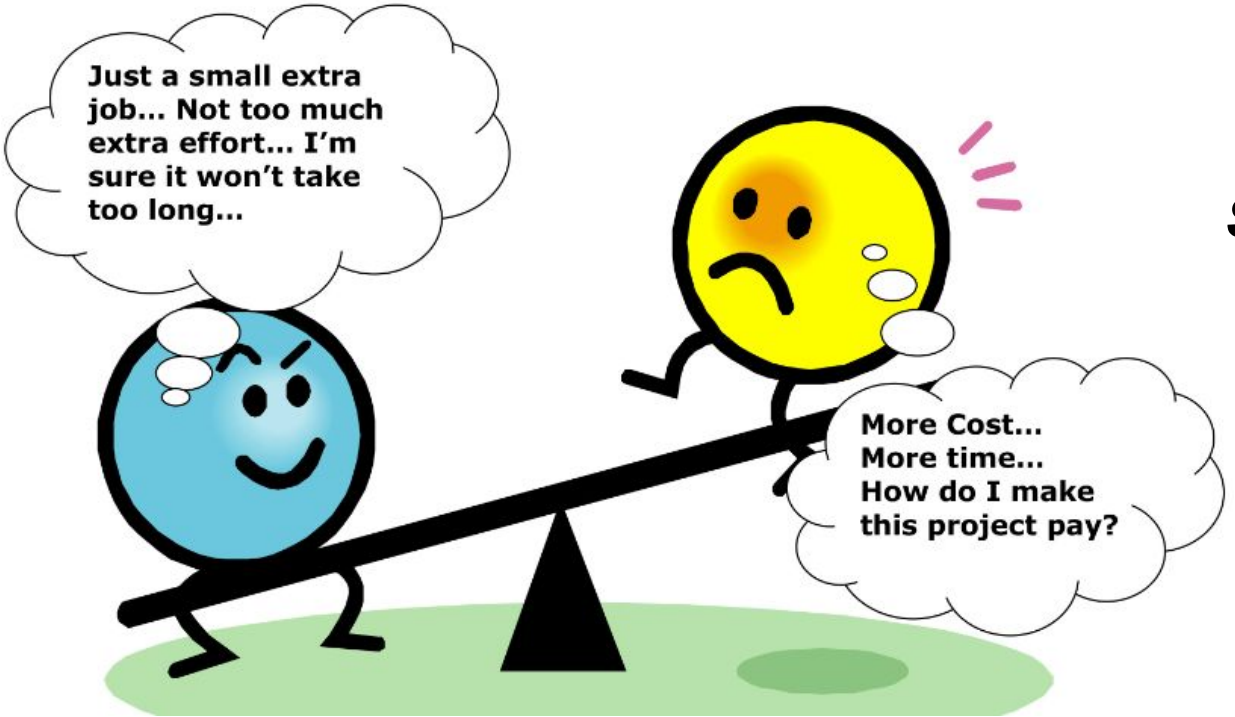
Ineffective Risk Management

Maggie is managing a project for a team which builds UI based reporting tools and dashboards.

a) Who are the users?
b) What is the team roadmap for the year?
c) What does Maggie own as a project manager?



Potential risks in Maggie's project

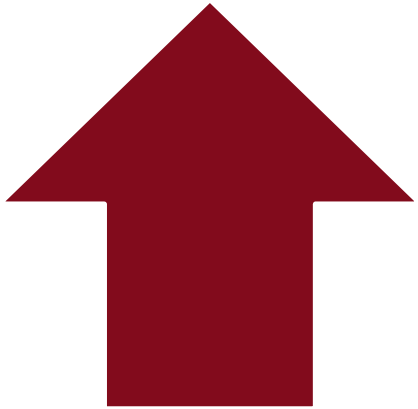

Just a small extra job... Not too much extra effort... I'm sure it won't take too long...
More Cost...
More time...
How do I make this project pay?

Scope Creep

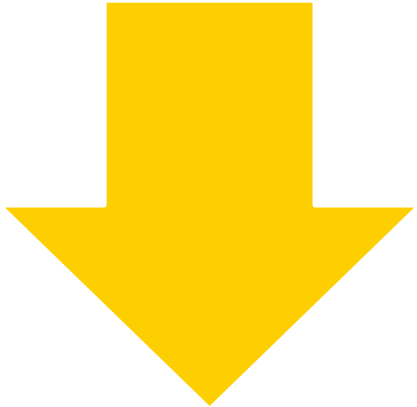
Traditional Methodology…

- Influence stakeholders/users on an adjusted scope – *Win!*
- Extend timeline – *Win?*
- Increase resources – *Win?*

Biggest Pitfall



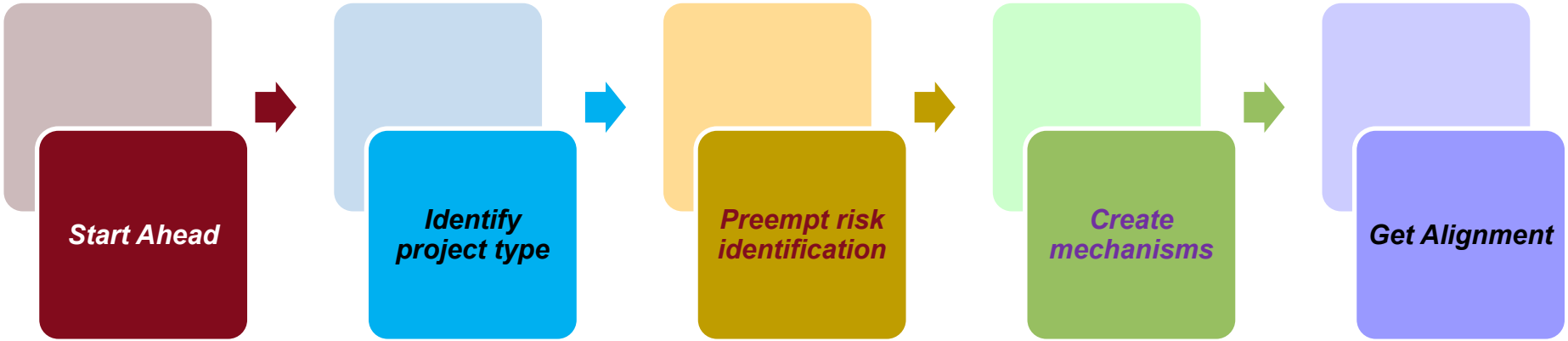
Project Success



Overall Org Goals Fail


Preventive Risk
Management!!!

Preventive Risk Management – A step by step approach



***Make this a holistic process for all of the org goals/projects*

Does this solve Maggie's problem? Let's dive deep!!!
Step 1

Maggie starts ahead

- Starts planning for 2024 projects in Q3-Q4'23
- She takes a holistic approach to look at all projects in the team roadmap

Step 2

Identify Project Type

- 3 projects in the team charter
  - Add new metrics on the dashboard
  - Add new reports with a subset of metrics
  - Integrate the backend datastore directly with the producers of the data streams
- Identifies what drives each project

Step 3

Preempt Risk Identification

- Identifies all potential failure points a.k.a risks
- User driven project
  - Communication
  - Scope Creep
  - Requirement mismatch
  - UX
  - UAT schedules (user time commitment)

etc

Step 4

Create Mechanisms

- Pre-defines a mechanism for each of the risk
- Creates additional tasks in the project
- Accounts for additional bandwidth/budget

Step 5

Gets Alignment

From business stakeholders on

- New processes
- Frozen scope
- UAT schedule/bandwidth
- Communication templates/schedules
- UX/response time requirements

What are the results - in my own experience?

- More realistic planning
- Resilient programs; Higher success rate for overall org goals
- Enhances trust with stakeholders, users, engineering teams and leadership

Questions?

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