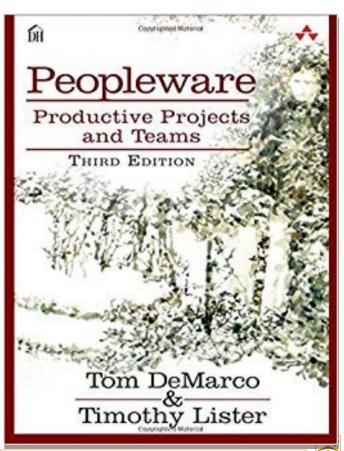


# Q: Why Do Software Projects Fail?

A: People



## **Understanding Team Effectiveness**

### Study of 180 google teams world-wide

- Gathered data on team members (attitudes, skills, personality, etc.)
- Identified factors that correlated with their measure of performance

https://rework.withgoogle.com/guides/understanding-team-effectiveness/

## **Understanding Team Effectiveness**

#### Factors:

- Co-location of teammat
- Consens
  iven
  making
- Extroversi
  members
- Individual perfect of team members
- Workload
- Seniori
- Team size
- Tenure

These **did not** significantly impact the performance measure used by Google.

This does not mean that these are not important factors in other settings or other regards.



### **Psychological Safety**

Team members feel safe to take risks and be vulnerable in front of each other.

2

### Dependability

Team members get things done on time and meet Google's high bar for excellence.

3

#### **Structure & Clarity**

Team members have clear roles, plans, and goals.

4

### Meaning

Work is personally important to team members.

5

#### **Impact**

Team members think their work matters and creates change.



- Discuss up-front what you are aiming for in this project.
- Plan, and agree on your responsibilities.
  - Don't forget to plan for contingencies!
- Contributions system
  - team mark x f(contrib) = individual mark
  - Team of 3, equal contrib (33/33/33): individual marks = team mark
  - Team of 2, equal contrib (50/50): team mark of 2/3 = max ind. mark
  - Contribution capped at 2/3 (66%).
  - Deciding contributions is the *team's* responsibility.

# **Conflict Resolution Strategies**

Conflict is a part of any work environment.

Working under stress is bound to cause problems.

 Stephanie Ray, 2018, 10 Conflict Resolution Strategies that Actually Work

- 1) Define Acceptable Behavior
- 2) Don't Avoid Conflict
- 3) Choose a Neutral Location
- 4) Start with a Compliment
- 5) Don't Jump to Conclusions
- 6) Think Opportunistically, Not Punitively
- 7) Offer Guidance, Not Solutions
- 8) Constructive Criticism
- 9) Don't Intimidate
- 10) Act Decisively