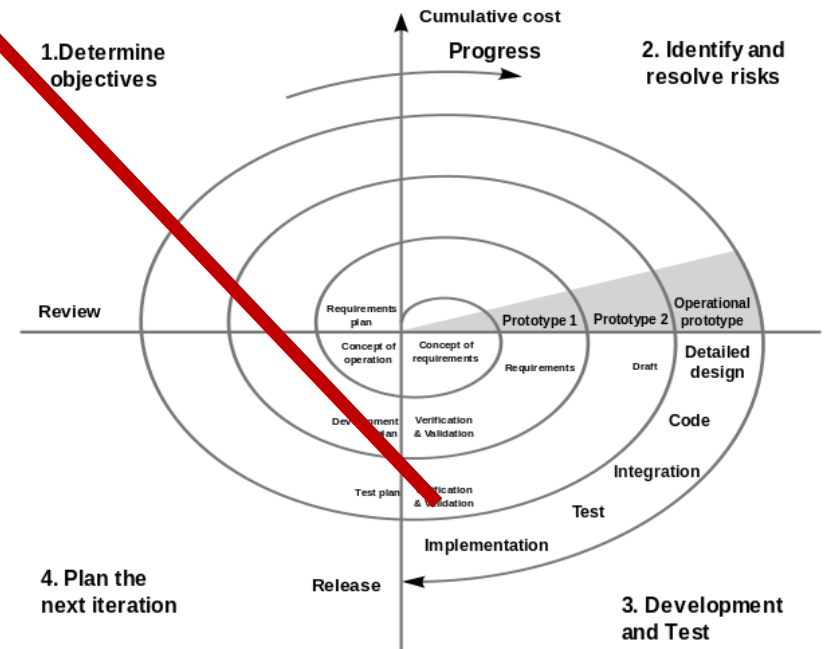
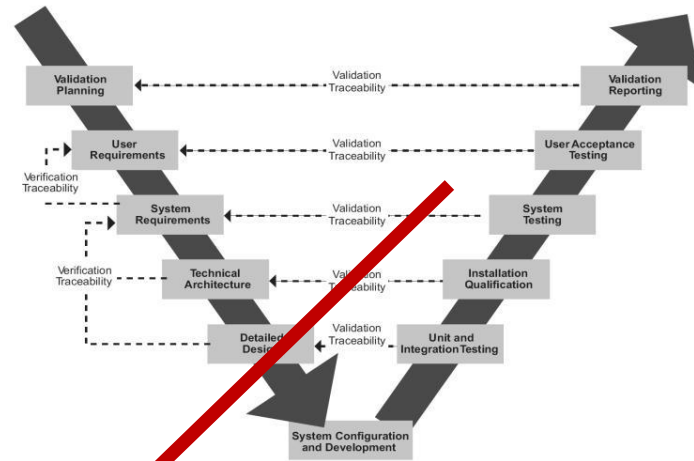
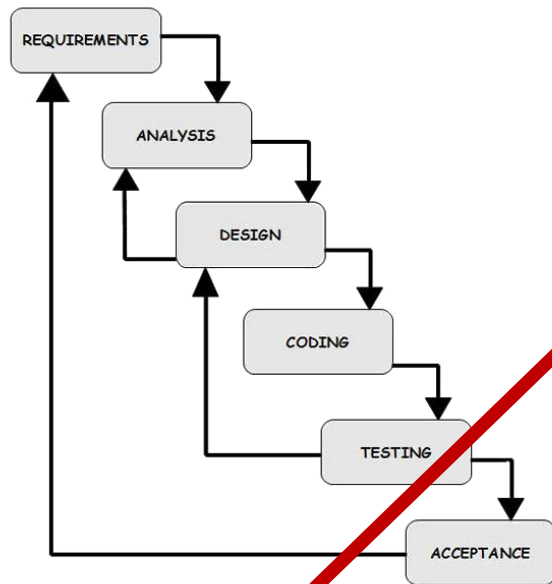
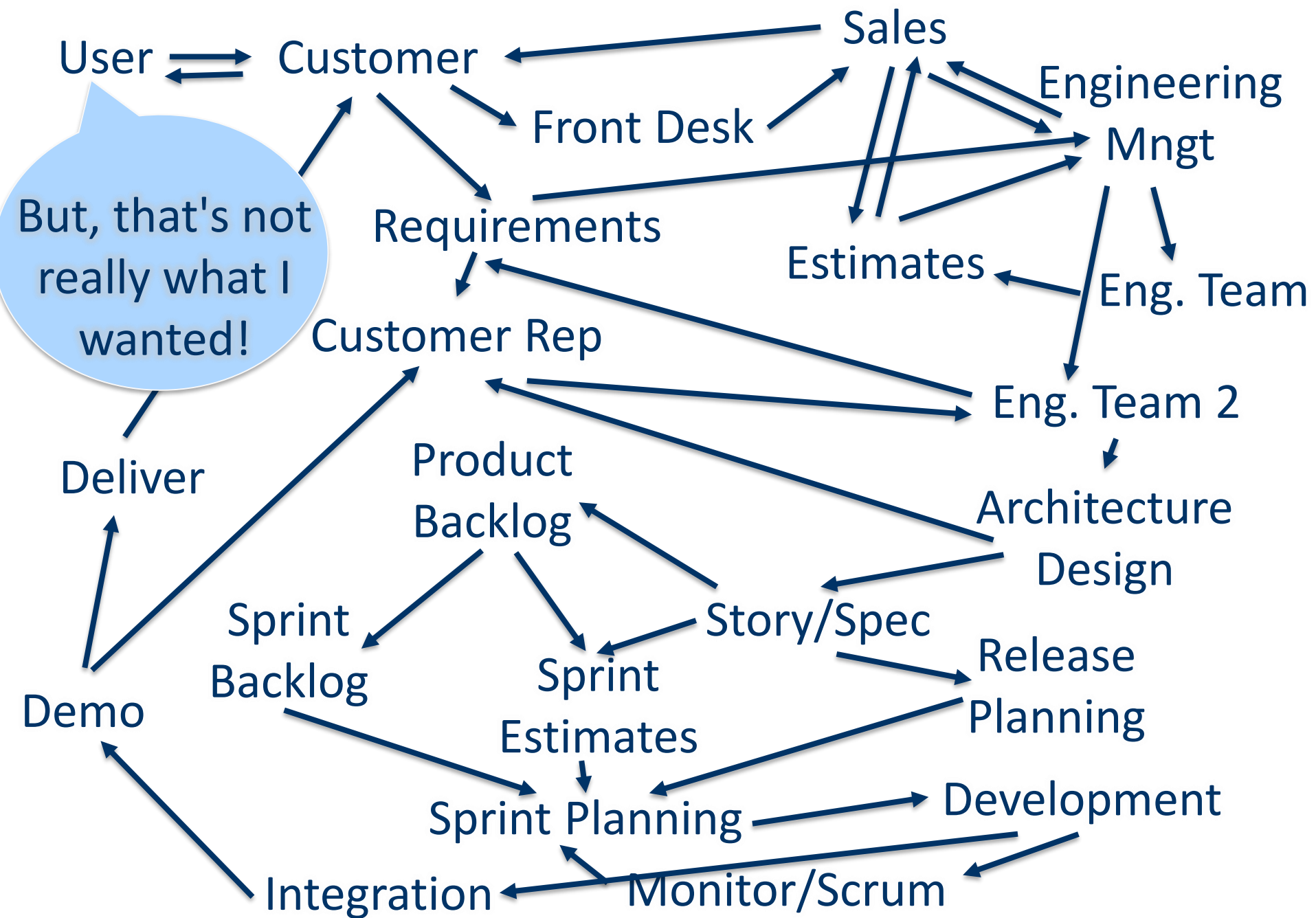


# Introduction in Agile Methodologies



[illegible]





*Kent Beck  
Mike Beedle  
Arie van Bennekum  
Alistair Cockburn  
Ward Cunningham  
Martin Fowler  
James Grenning  
Jim Highsmith  
Andrew Hunt  
Ron Jeffries  
Jon Kern  
Brian Marick  
Robert C. Martin  
Steve Mellor  
Ken Schwaber  
Jeff Sutherland  
Dave Thomas*

# Agile Manifesto 2001



# Agile Manifesto

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

- **Individuals and interactions**  
*over processes and tools*
- **Working software**  
*over comprehensive documentation*
- **Customer collaboration**  
*over contract negotiation*
- **Responding to change**  
*over following a plan*



*Kent Beck*  
*Mike Beedle*  
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*Robert C. Martin*  
*Steve Mellor*  
*Ken Schwaber*  
*Jeff Sutherland*  
*Dave Thomas*

n = 17

White males

94% American

Average age = 46

Independent consultants



1. Customer satisfaction by early and continuous delivery of valuable software
2. Welcome changing requirements, even in late development
3. Working software is delivered frequently (weeks rather than months)
4. Close, daily cooperation between business people and developers
5. Projects are built around motivated individuals, who should be trusted
6. Face-to-face conversation is the best form of communication (co-location)
7. Working software is the principal measure of progress
8. Sustainable development, able to maintain a constant pace
9. Continuous attention to technical excellence and good design
10. Simplicity – the art of maximizing the amount of work not done – is essential
11. Self-organizing teams
12. Regular adaptation to changing circumstance



# Agile methodologies main virtue:

take

**good**

**engineering & management**

**practices**

to an extreme implementation

# “Sweet spot”

Small teams

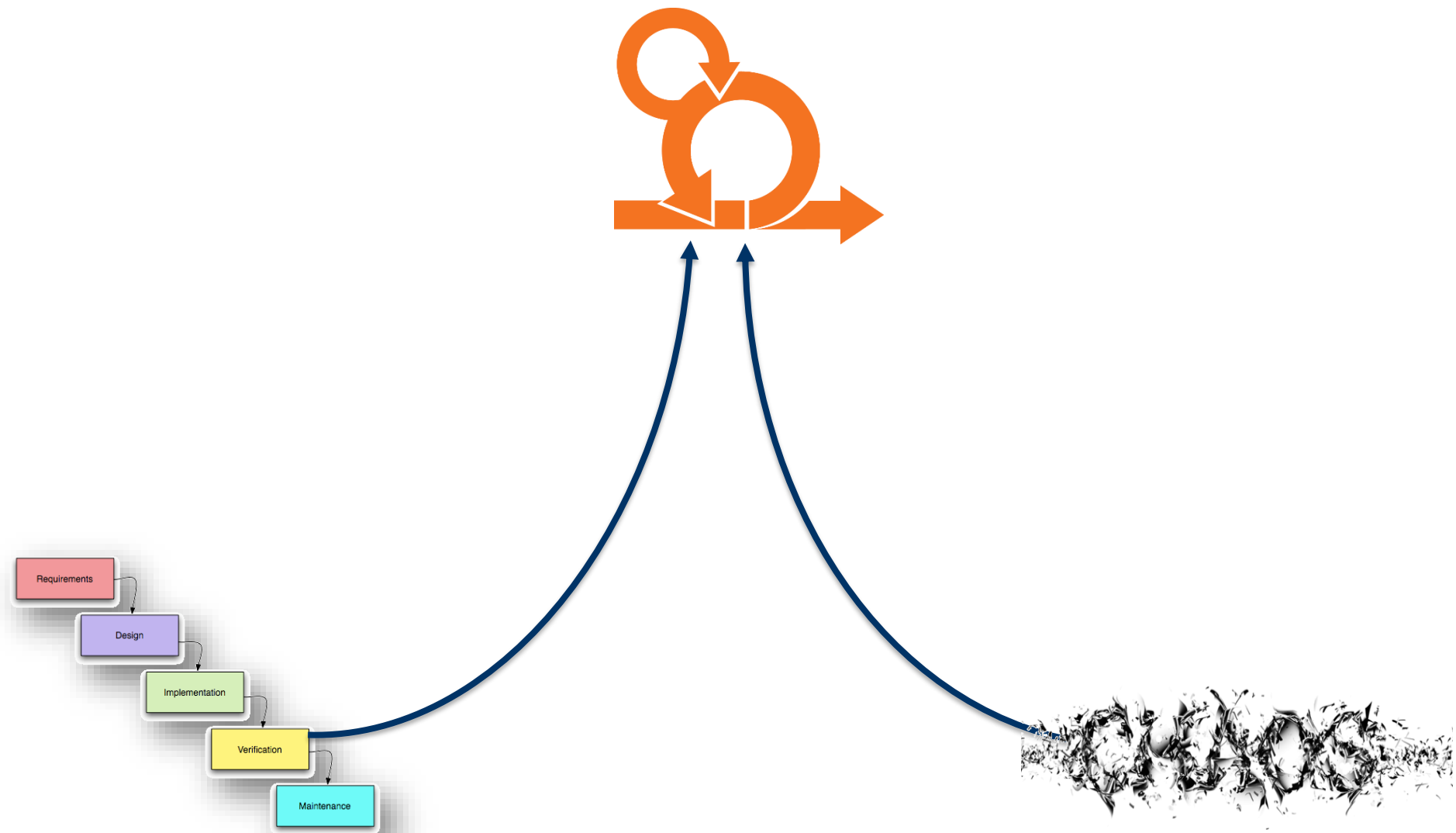
Colocated

Small-to-medium sized systems

Active customer collaboration

High requirements volatility

Agile methods are  
the methods of choice



"be more agile!"

