

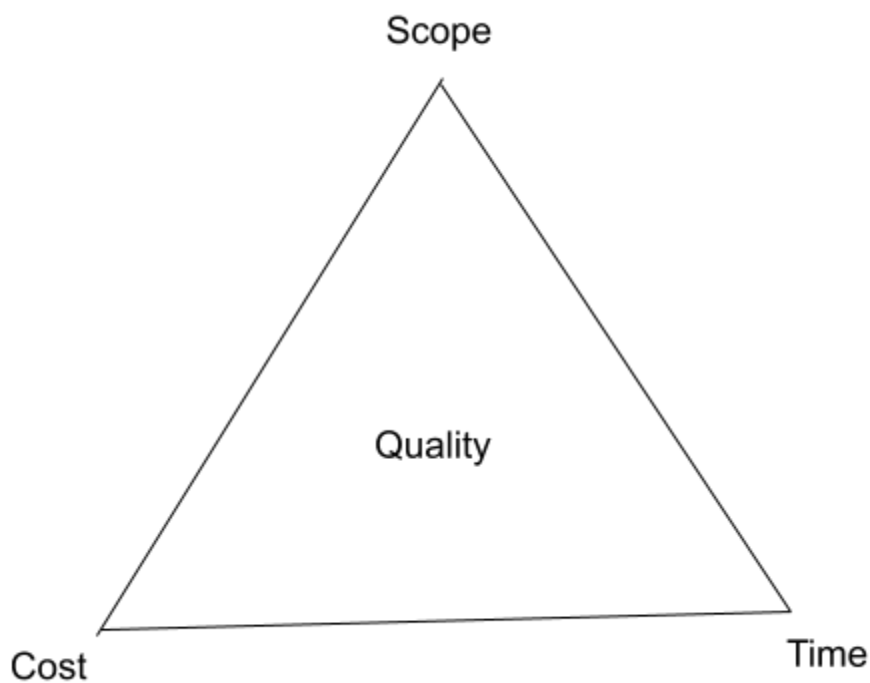
## Intro to Project Management

What is a product?

- A temporary and one-time endeavor undertaken to create a unique product or service

The role of the project manager is to balance three competing constraints:

- Time
- Cost
- Scope



Product Management Involves:

- 1) Organizing and resources to complete the project within these constraints
- 2) The application of knowledge, tools and skill to project activities to ensure requirements are met

Why do projects fail?

- Key members of team leave
- Lack of resources
- Scope increases
- Poor management
- Budget Problems
- Weak business case
- Lack of senior management buy in
- Poor planning
- Lack of clear requirements

Why do projects succeed?

- Negate all above
- Proper testing
- Timing
- Sound project management processes
- Project aligned with company goals
- Change management
- Customer Involvement

Project Management Skills

- 1) Domain knowledge of project area
  - a) standards, regulations

- 2) Understand the project environment
- 3) Understand the project environment
- 4) Management Skills (Scheduling, budget, people)
- 5) Communication Skills
- 6) Interpersonal Skills

#### Success Criteria for Project Managers

- 1) Deliver Software on time
- 2) Keep costs within budget
- 3) Project meets customer expectations
- 4) Maintain a coherent and well-functioning team

#### Risk Management

- Identify risks
- Devise plans to minimize the impact of risks on the project

#### Process of Risk Management

- 1) Risk Identification
- 2) Risk Analysis
- 3) Risk Planning
- 4) Risk Monitoring

#### Types of Risk

- 1) Estimation
- 2) Organizational
- 3) People
- 4) Requirements
- 5) Technology

#### People Management traits

1. Consistency
2. Respect
3. Inclusion
4. Honesty

#### Project Managers need to motivate team

- Need to consider that different people are motivated by different things
- 1. Task-Oriented
- 2. Interaction-Oriented
- 3. Self-Oriented
- Quality Standards developed by the team
- Team members learn from each other and make it feel safe to ask questions
- Team members where everyone knows of each others work for redundancy
- Refactoring is important