Understanding the Project Environment
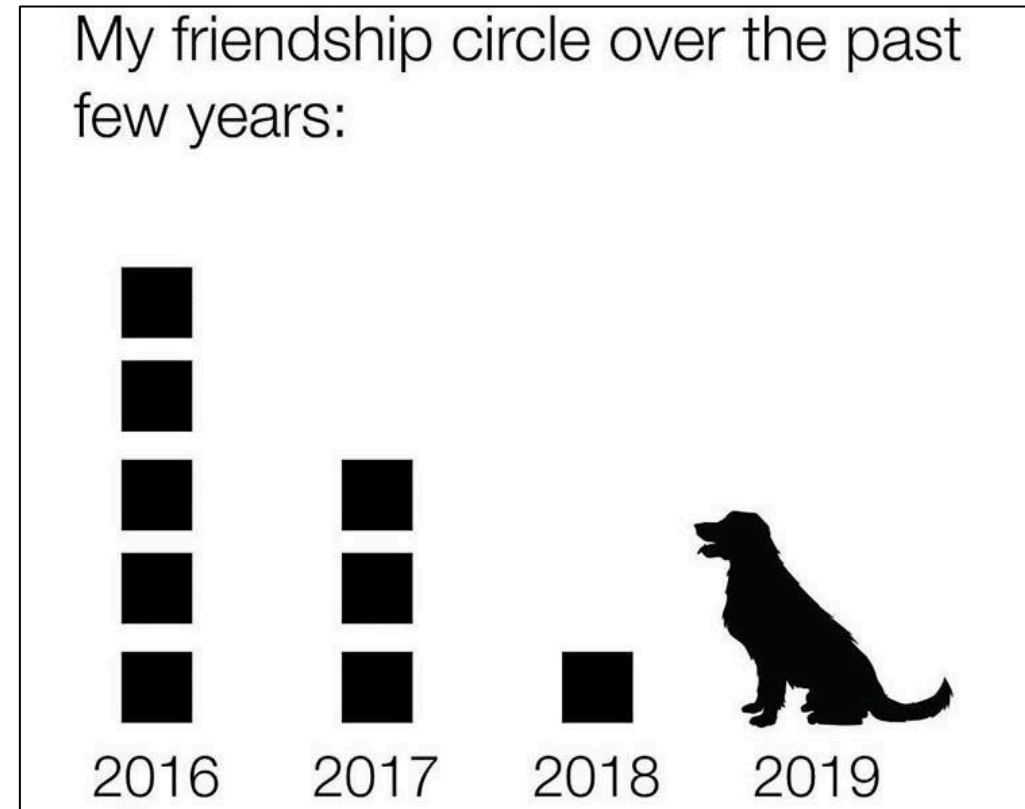
ENSE 281 with Tim Maciag

Outline

- Projects, operations, and management thereof

- Start with *why*

- Dive deeper (creatively) into *the why*

- The composition of a traditional project environment

- Interesting docs & templates for consideration/use

What is a project?

- Many characteristics, but have 2 big ones

My friendship circle over the past few years:

- S. Gibbons (NN/g, 2017). Service Design 101. Online: https://www.nngroup.com/articles/service-design-101/

What is a project?

- Many characteristics, but have 2 big ones
- Project vs operations

- S. Gibbons (NN/g, 2017). Service Design 101. Online: https://www.nngroup.com/articles/service-design-101/

What is a project?
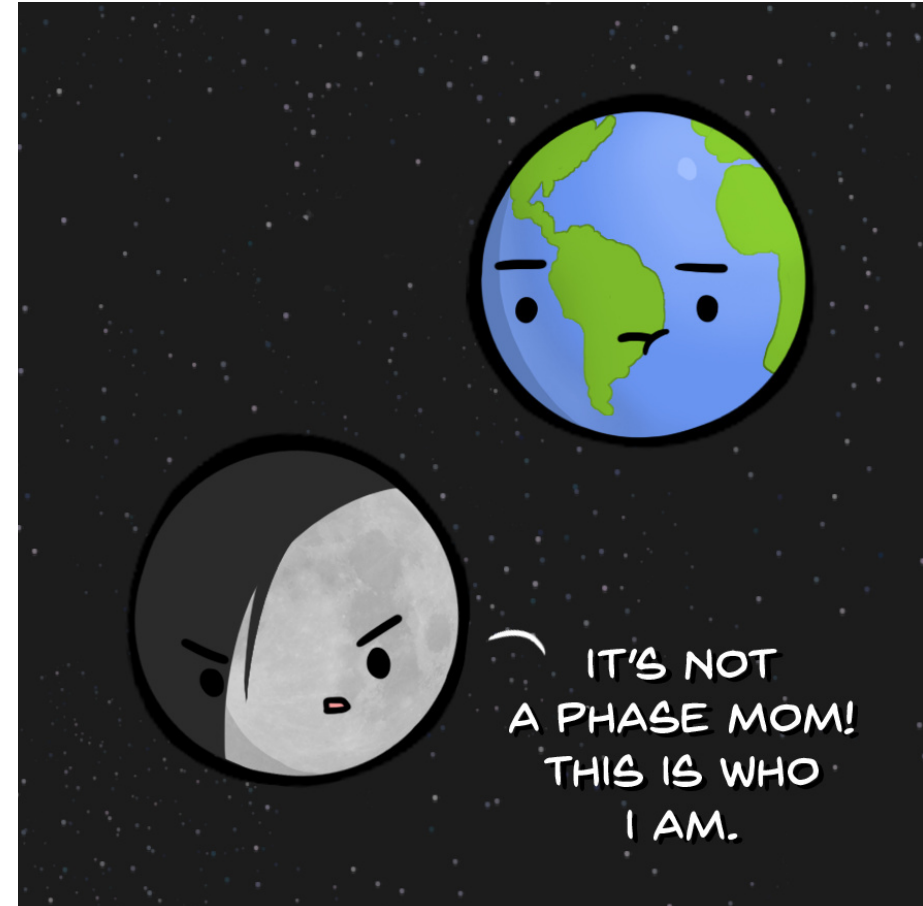
- Many characteristics, but have 2 big ones

- Project vs operations

- Project Management

- S. Gibbons (NN/g, 2017). Service Design 101. Online: https://www.nngroup.com/articles/service-design-101/

Typical project lifecycle (PLC)

- 4 phases
  - Initiate, plan, execute, close

- S. Sinek (2009). How Great Leaders Inspire Action (TEDxPuget Sound). Online: https://www.ted.com/talks/simon_sinek_how_great_leaders_inspire_action

Typical project lifecycle (PLC)

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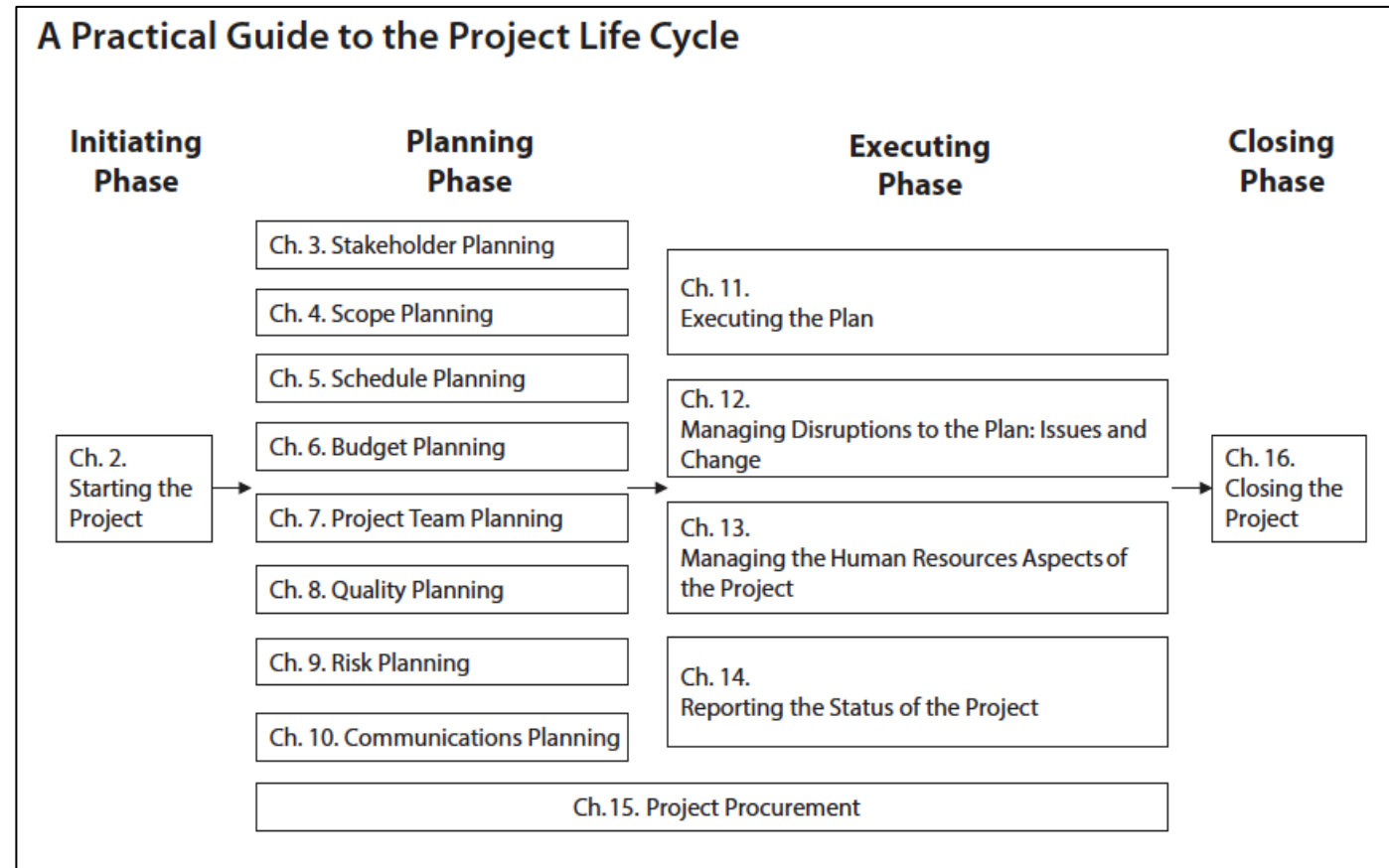
Typical project lifecycle (PLC)

- 4 phases
  - Initiate, plan, execute, close
- Initiating
  - Simon Sinek, [start with why](#)
- Planning
- Executing
- Closing
- High-level PLC overview

A Practical Guide to the Project Life Cycle

Initiating Phase	Planning Phase	Executing Phase	Closing Phase
Ch. 2. Starting the Project	Ch. 3. Stakeholder Planning	Ch. 11. Executing the Plan	Ch. 16. Closing the Project
	Ch. 4. Scope Planning		
	Ch. 5. Schedule Planning	Ch. 12. Managing Disruptions to the Plan: Issues and Change	
	Ch. 6. Budget Planning		
	Ch. 7. Project Team Planning	Ch. 13. Managing the Human Resources Aspects of the Project	
	Ch. 8. Quality Planning		
	Ch. 9. Risk Planning	Ch. 14. Reporting the Status of the Project	
	Ch. 10. Communications Planning		

Ch.15. Project Procurement

- S. Sinek (2009). How Great Leaders Inspire Action (TEDxPuget Sound). Online: https://www.ted.com/talks/simon_sinek_how_great_leaders_inspire_action

Project roles, experiences, & structures

- Project stakeholders
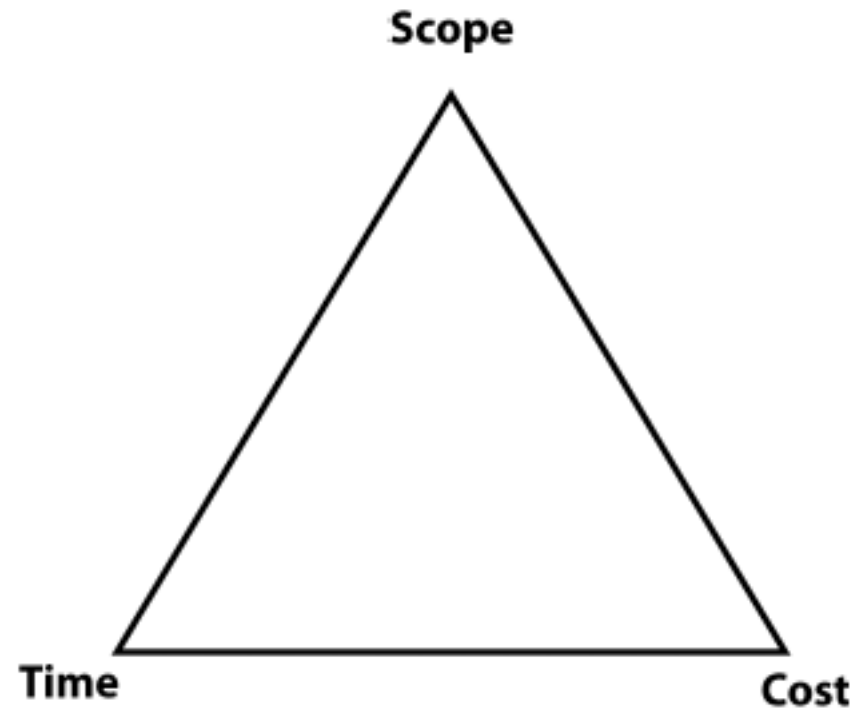
Project roles, experiences, & structures

- Project stakeholders

- Process groups

Process Groups and Project Phases

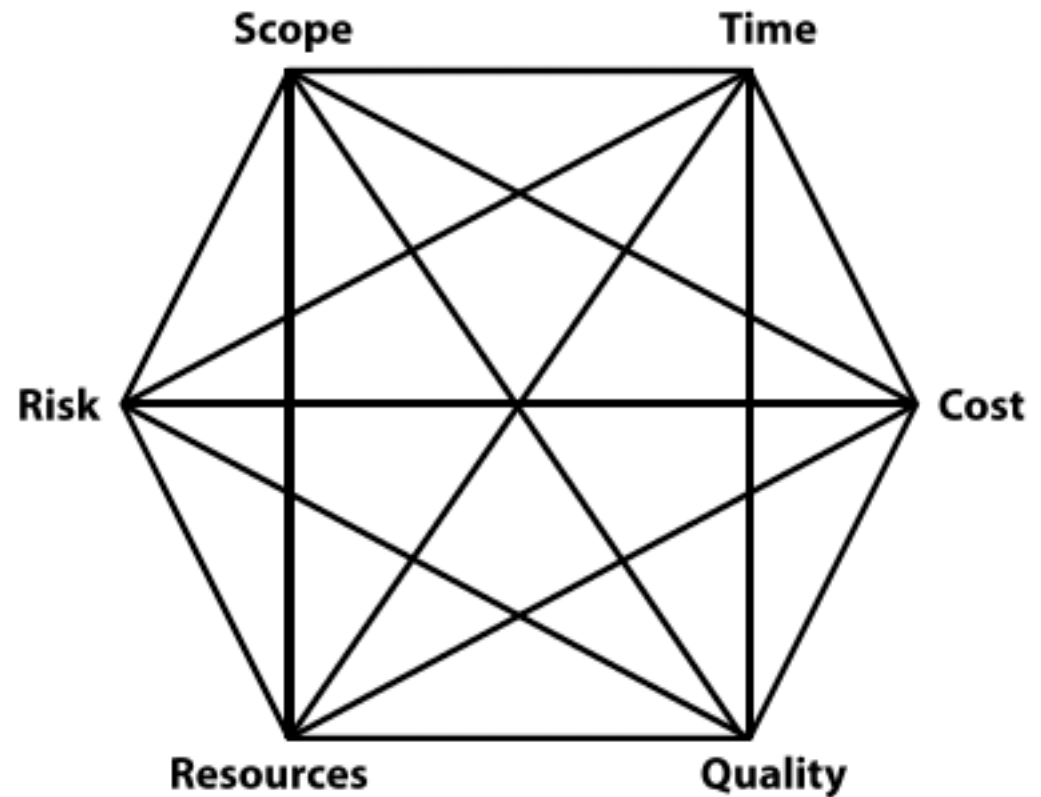| Processes from the:	Take place primarily during the:
Initiating Process Group	Initiating Phase
Planning Process Group	Planning Phase
Executing Process Group	Executing Phase
Closing Process Group	Closing Phase
Monitoring and Controlling Process Group	All phases

Project roles, experiences, & structures

- Project stakeholders

- Process groups

- Project constraints

Project roles, experiences, & structures

- Project stakeholders
- Process groups
- Project constraints

Project roles, experiences, & structures

- Project stakeholders
- Process groups
- Project constraints
- Programs & portfolios

Diving deeper into your "why"

- Adapted from the Adobe Creative Educator Design Process Toolkit
  - Reason
  - Impact
  - Who
  - What

- Adobe Creative Educator. Online: https://edex.adobe.com/adobe-creative-educator

Initiating a project

- Fundamental steps

Initiating a project

- Fundamental steps
- Question: Should the project be started?
  - The business case

Initiating a project

- Fundamental steps
- Question: Should the project be started?
  - The business case
- Launch the project
  - The project charter
  - The project kick-off meeting

Business Case Template

BUSINESS CASE	
Proposed Project	[At this point, the project is not yet approved, so it may not have its final name or the name may change. The current name or identifier should be included here.]
Date Produced	[The date the Business Case is produced.]
Background	[This section should include information that will help the reader understand the context and background history regarding the potential project. This section should not be written assuming that the background is common knowledge, but instead should be specific in order to create a common understanding of the context.]
Business Need/ Opportunity	[This section should demonstrate the business need or opportunity that the proposed project will address.]
Options	[This section documents the potential approaches to complete the project. There is always a minimum of two options: perform the project or do nothing.]

Cost-Benefit Analysis

[This section contains the detailed costs and benefits of each option listed in the previous section. The costs may include considerations such as financial expenditures, the amount of time required, possible risks, and the potential for reduced quality. The benefits may include the potential of increased sales, market share, and brand recognition, and the reduction of errors and ongoing costs. Each option should be clearly identified and listed separately.]

Recommendation

[This section contains the recommended option from the previous section.]

Initiating a project

- Fundamental steps
- Question: Should the project be started?
  - The business case
- Launch the project
  - The project charter
  - The project kick-off meeting

Image refs

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