



**PROFESSIONAL**

**PROJECT**

**MANAGEMENT**

Once you know **Project** and **Management**, then it's not a rocket science to guess what is **PROJECT MANAGEMENT** ?



Project management might **look complicated**, but chances are you've **already** been **involved** in a Project or **Handling** a Project.



**56%**

Barely over half of Project Managers are certified.



**33%**

of projects fail because of a lack of involvement from senior management.

# How Ted bought the perfect smartphone for his mom ?

**1** Ted gathered details of his mother requirements.

**2** Did research on best smartphone & planned to purchase online.

**3** Made online order and paid to seller.

**4** Tracked the shipment & coordinated with delivery guy.

**5** Activated phone, installed app & handed over to his mother.



# PROJECT MANAGEMENT

Project management is the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements.

PMI, USA



# PROJECT MANAGEMENT

Project management is the application of processes, methods, skills, knowledge and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters.

APM, UK



# PROJECT MANAGEMENT

Project management is the process of leading the work of a team to achieve goals and meet success criteria at a specified time. The main challenge of project management is to achieve all of the project goals within the given constraints

Wikipedia



# PROJECT MANAGEMENT

It is the process of planning, organizing and managing resources to achieve the organizational objective.



**75%**

of business and IT executives anticipate their software projects will fail.



**50%**

of all Project Management Offices (PMOs) close within just three years



❑ Finding the right balance between three flows that is people, process and tool.

❑ While project work in progress, harmony of these flows is continuously disturbed

❑ They are usually bounded by the project constraint.



- ❑ Project are do not have infinite resources
- ❑ Every project is bound to complete with limited resource.



**70%**

of organization fails to deliver the project on time.



**34%**

Over 1 in 3 projects have no baseline.

# TRIPLE CONSTRAINTS

Complete all the work as agreed with client in contract



Scope

Scope of work need be completed within agreed price with customer.



Quality

Project deliverables is to be completed as per agreed time line.



Time

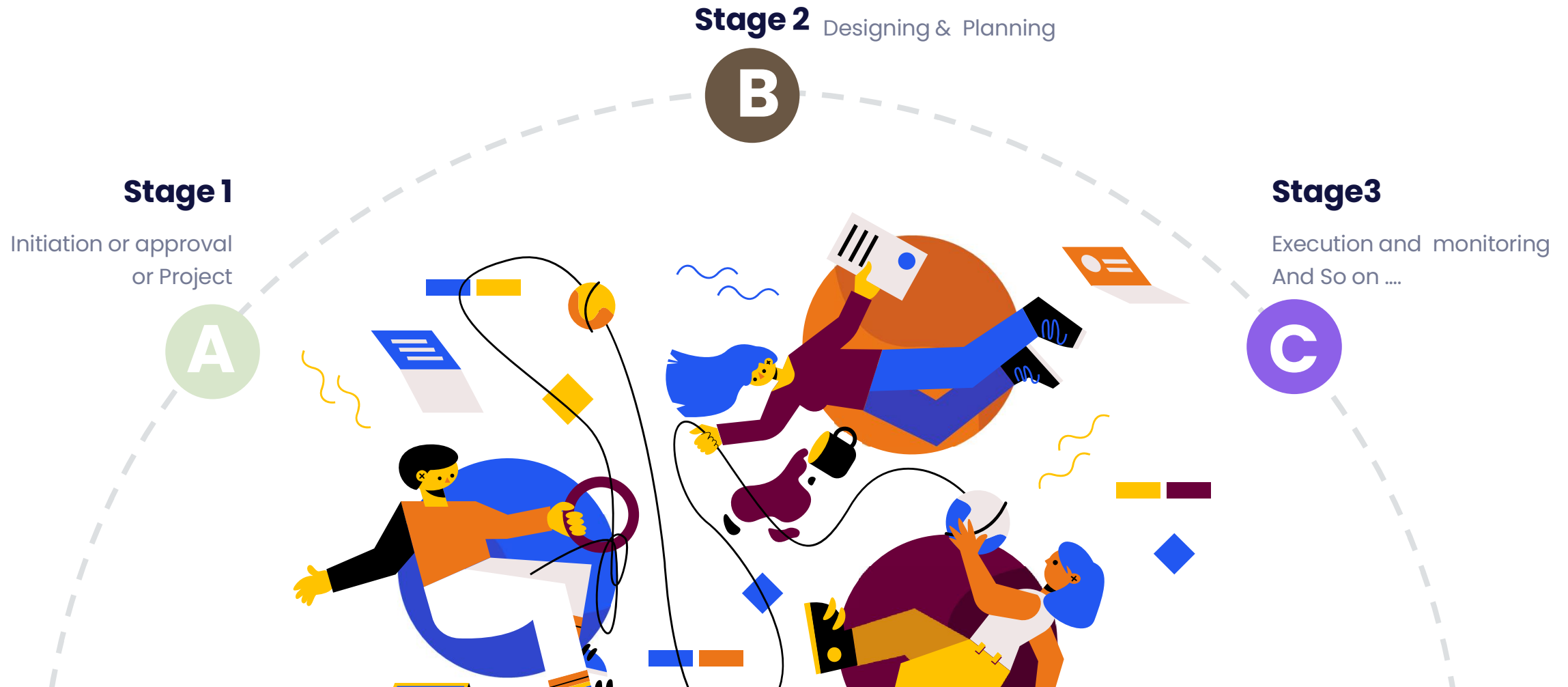


Cost



**Dilemma of every Project Life cycle !**

- ❑ Every project goes through distinctive stages or phases.
- ❑ Definition & identification of phases may vary with the size, length, & complexity of the project.



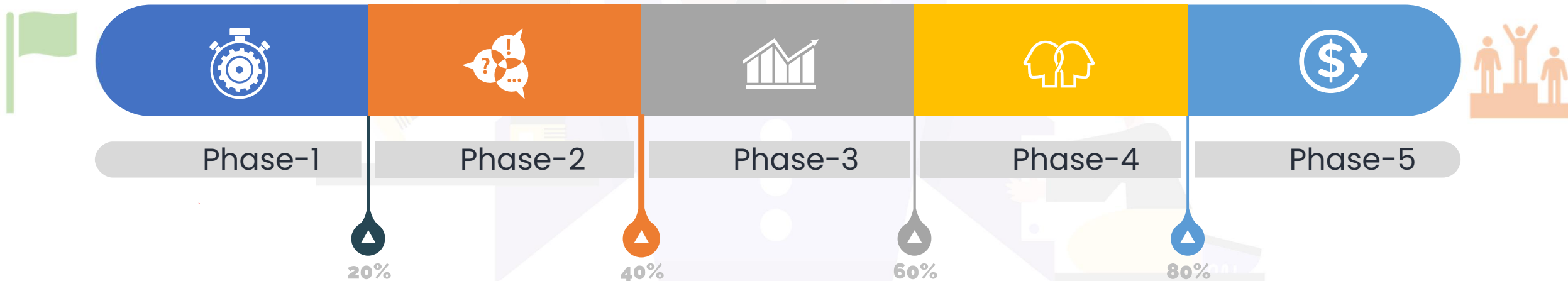
# PROJECT LIFE CYCLE

The background features a large, stylized illustration of a rocket launch. The rocket is purple and blue, with a yellow flame at the bottom. Several people are depicted in various poses: one person is sitting at a desk with a laptop, another is standing and looking at a laptop, and a third is sitting on the ground with a laptop. The overall theme is project management and teamwork.

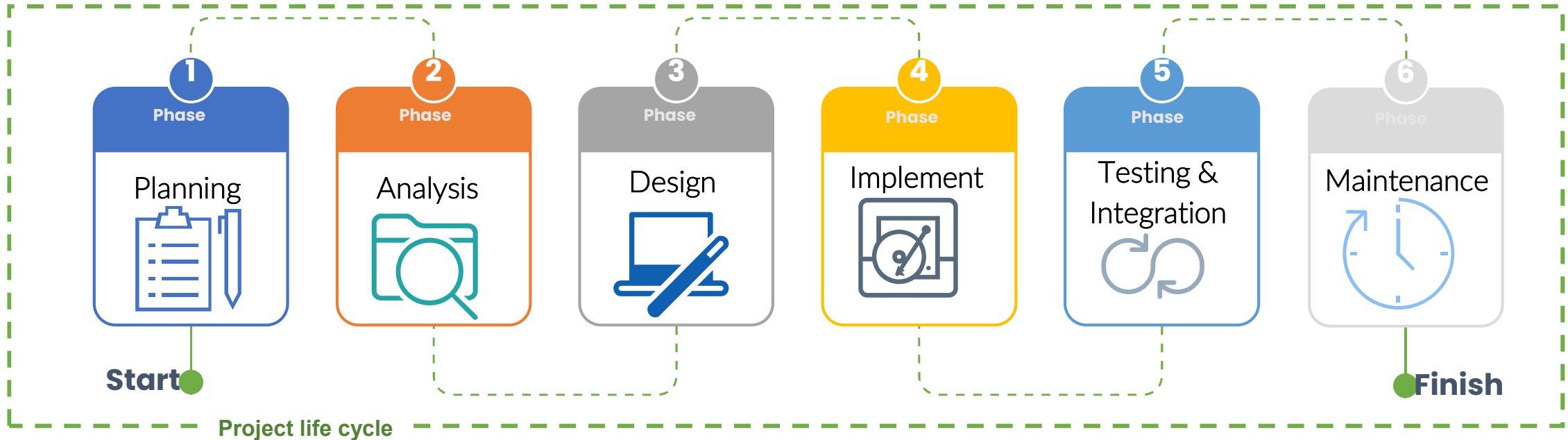
- ❑ Every project is unique and so do the project lifecycle.
- ❑ There is no standard or guidelines for the project lifecycle model.
- ❑ Always remember, Project life cycle is not same as project management process.
- ❑ The project management process group consist 5 steps that is initiation, planning, execution, monitoring, and closure.
- ❑ This project manage process group needs to be perform at every stage of project lifecycle.

# PROJECT PHASE

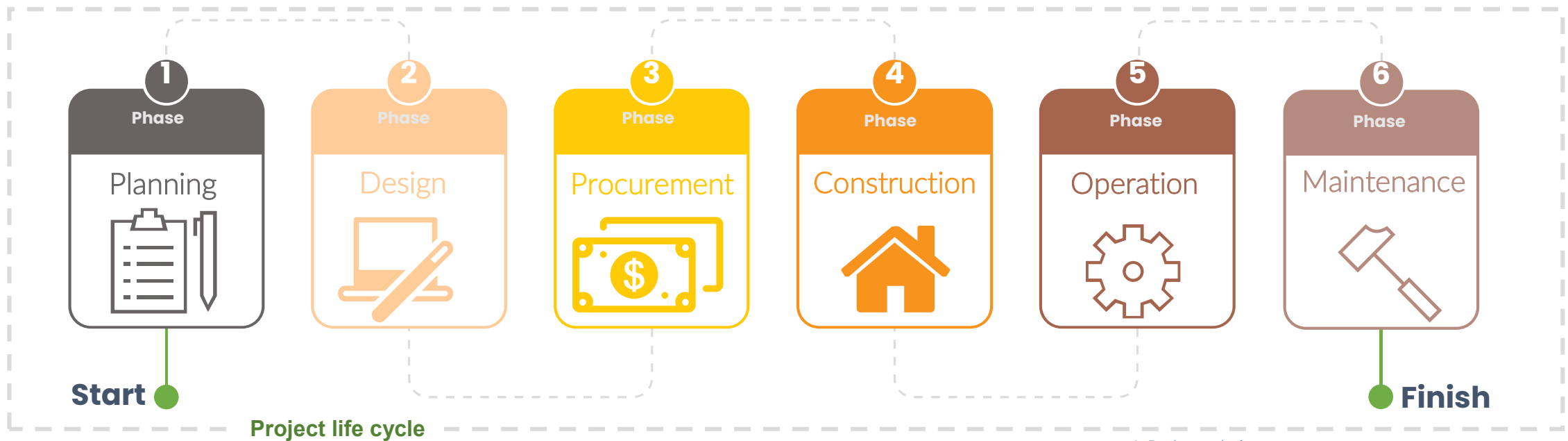
- ❑ Project Life Cycle are divided in to logical Phases.
- ❑ At the end of each project phase, the deliverables will be reviewed and formally accepted by the customer.
- ❑ Phase end reviews are also called phase exits, stage gates or kill points.
- ❑ Collectively project phases are known as the Project Life Cycle.



### Project life cycle of Software Development Project

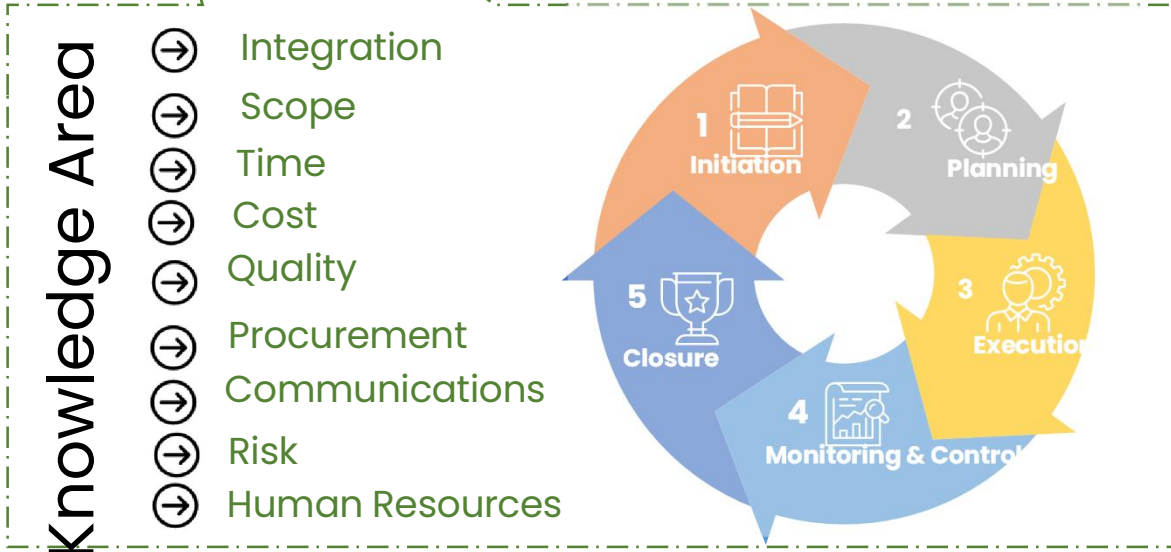
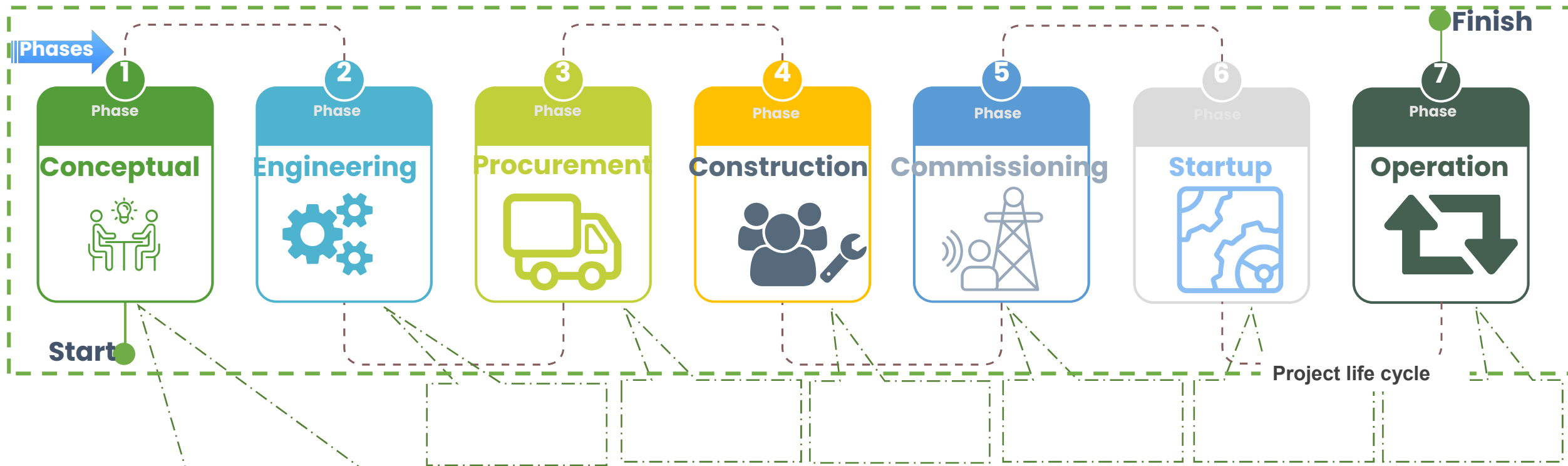


### Project life cycle of Civil Construction Project





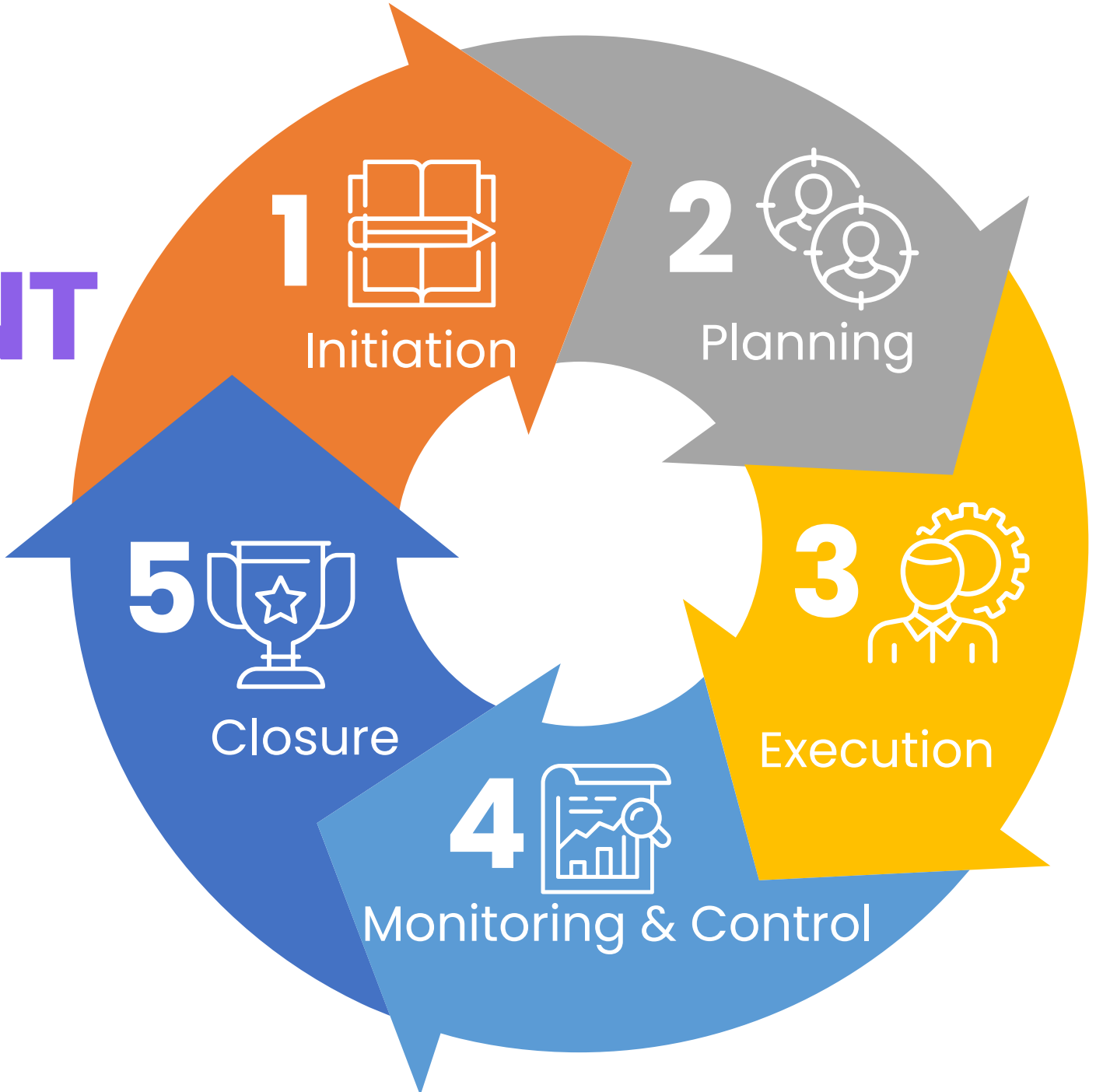
# Project life cycle of EPC Oil & Gas Project



“A project is complete when it starts working for you, rather than you working for it.” – Scott Allen



# PROJECT MANAGEMENT PROCESS



# HOW IT WORKS?

## INITIATION

Starting of your project  
creating a business case  
& feasibility study



## CLOSURE

Deliverables presented to client  
Resources are released &  
documentation is completed  
Everything is signed off on.



## PLANNING

Develop project plan  
Every component associated  
with the execution  
Including the costs, risks,  
resources and timelines.

## EXECUTION

Majority of the work happens.  
Complete the project  
activities and milestones  
Produce the deliverables

## MONITOR & CONTROL

It involves monitoring the  
progress & performance  
Ensure project stays on  
schedule & within budget.  
Quality control & quality  
assurance.





# SUMMARY



## Market Demand

General Motors/Ford/Chrysler decided to build an electric cars in response to gasoline shortages



## Strategic Opportunity

Tesla decided to add Quality management programs to improve the quality of car navigation system.



## Customer Request

An electric utility company authorizing a project to build a new substation to serve new IT Park



## Technological Advance

Tesla authorizing a new project to develop a faster, cheaper and smaller SMART phones



## Legal Requirements

A drug manufacturing company authorizes a project to establish guidelines for the handling of a new toxic material.

# Next: Who manages Professional Projects?



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