



SOFPM

(A CERTIFICATION
COURSE FOR
PROFESSIONALS)

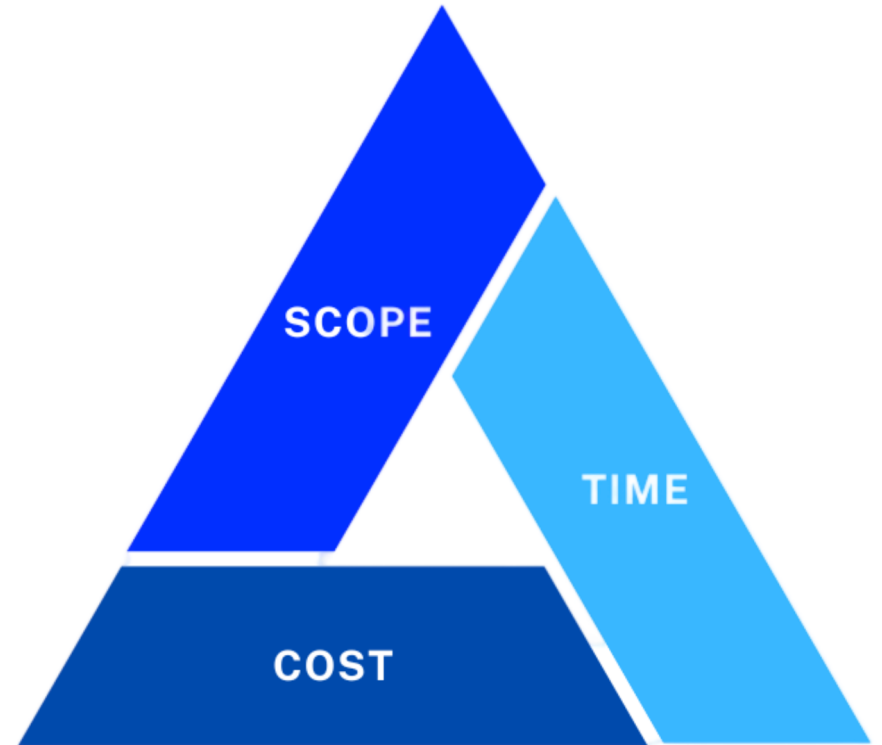
Schedule Management Techniques

What happens when the project is:

Running out of **money**?

Running out of **time**?

Failing to deliver our **scope** to the quality standard required?



SOFPM

DISCUSSION

What do you do when your schedule is in jeopardy?



SOFPM

Schedule Management Techniques

SCOPE
RETREAT

COST

HELPS

TIME

HELPS

SCOPE

HURTS



SOFPM

Anticipate and Avoid Scope Retreat

Plan for it.

Budget oversight

Stakeholder engagement

Communication

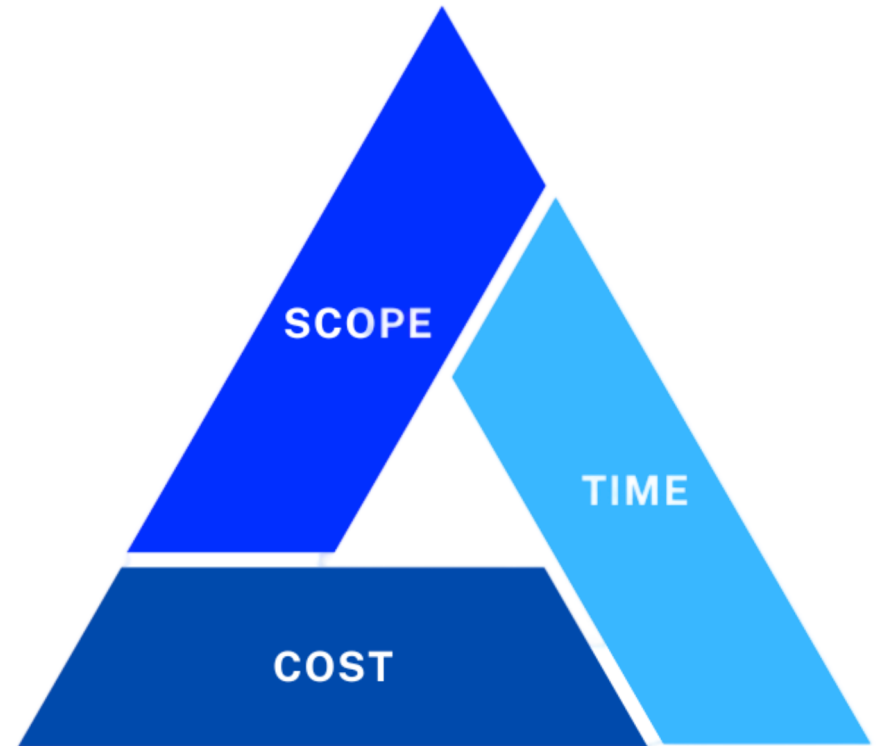
Set milestones and track progress

Update Gantt chart

Regularly review your project plan

Know what DONE looks like

Focus on goal achievement



SOFPM

Schedule Management Techniques

	SCOPE RETREAT	ADD TIME/MONEY
COST	HELPS	HURTS
TIME	HELPS	HURTS
SCOPE	HURTS	HELPS



SOFPM

Schedule Management Techniques

	SCOPE RETREAT	ADD TIME/MONEY	LEVEL RESOURCES
COST	HELPS	HURTS	HELPS
TIME	HELPS	HURTS	RISKS
SCOPE	HURTS	HELPS	HELPS

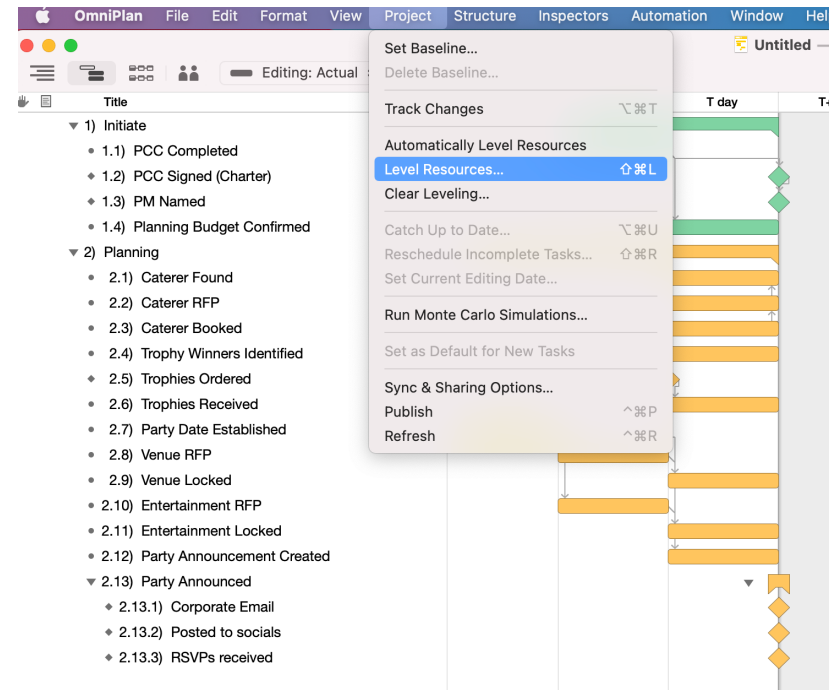


SOFPM

Resource Leveling

Avoids the **over-allocation of project resources** after a resource constraint is identified.

Resources are taken from non-critical activities and allocated to critical activities (those activities on the critical path).



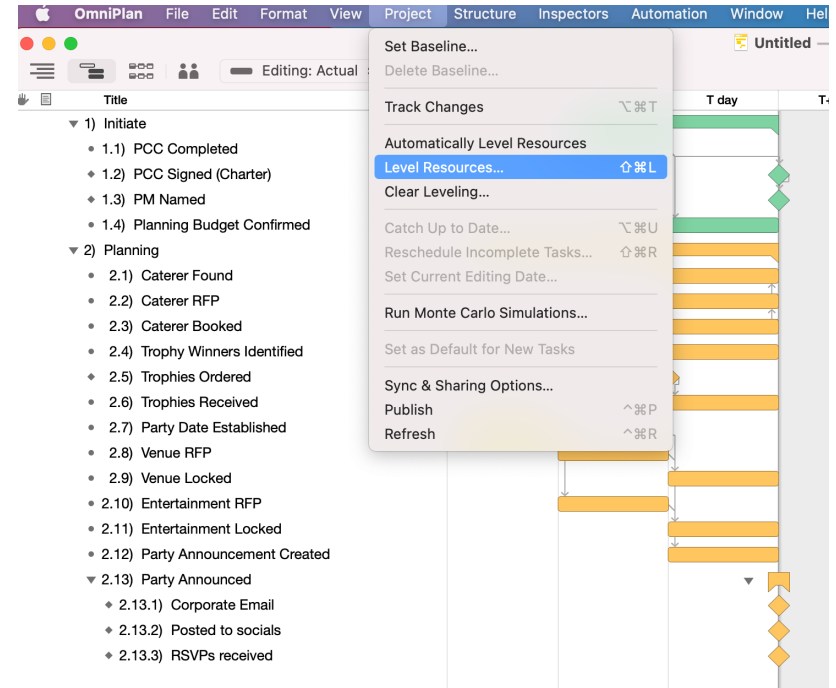
SOFPM

Resource Leveling Tips

Use project float before re-allocating any resources.

As every impact isn't obvious, ensure you **consult project stakeholders**.

Remember: you assigned that task intentionally.



SOFPM

Schedule Management Techniques

	SCOPE RETREAT	ADD TIME/MONEY	LEVEL RESOURCES	FAST TRACKING
COST	HELPS	HURTS	HELPS	RISKS
TIME	HELPS	HURTS	RISKS	HELPS
SCOPE	HURTS	HELPS	HELPS	RISKS

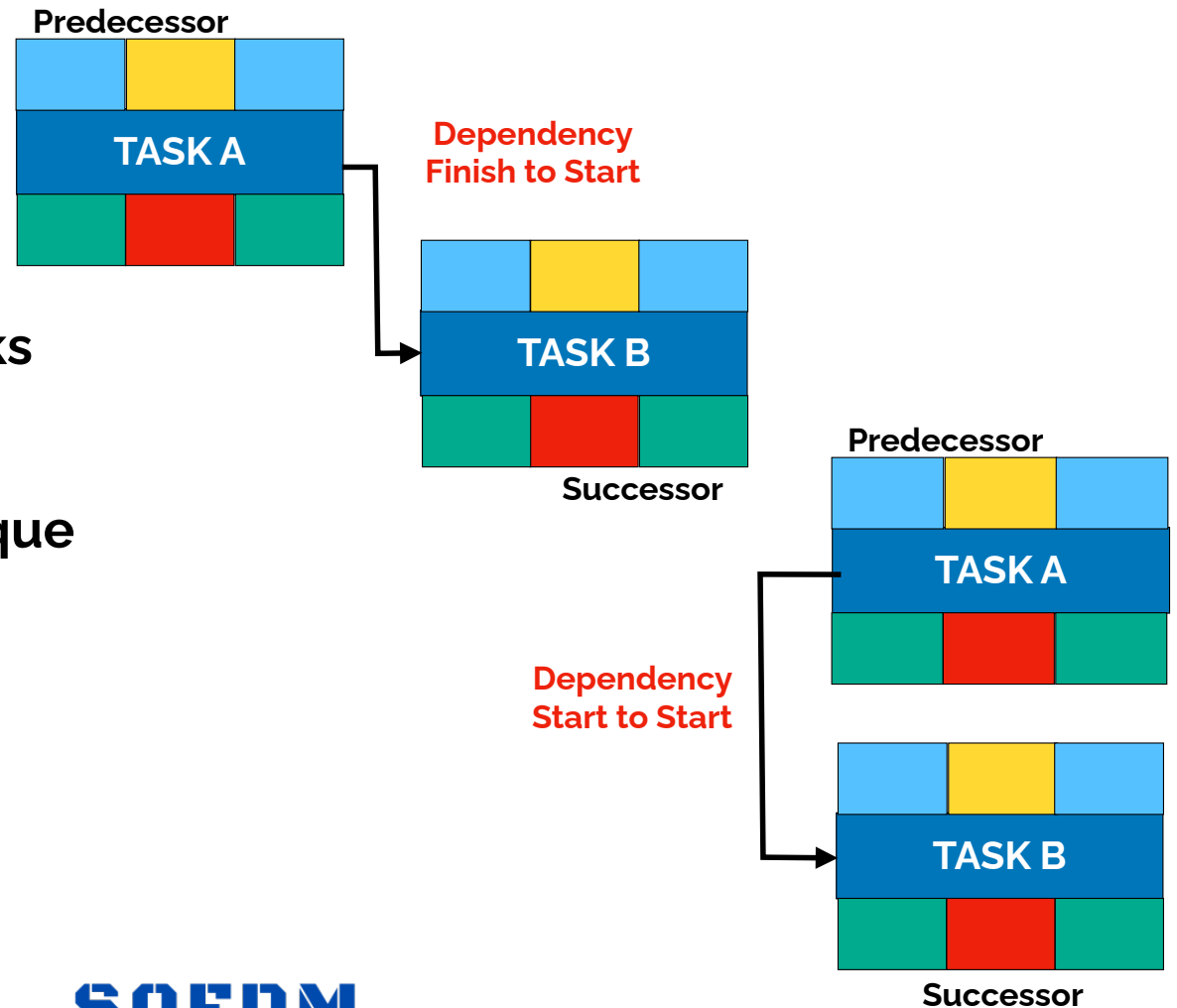


SOFPM

Fast-Tracking

This performs critical path tasks and “buys” time.

The major risk with this technique is that although the work is completed for the moment, **possibility of rework is higher.**



SOFPM

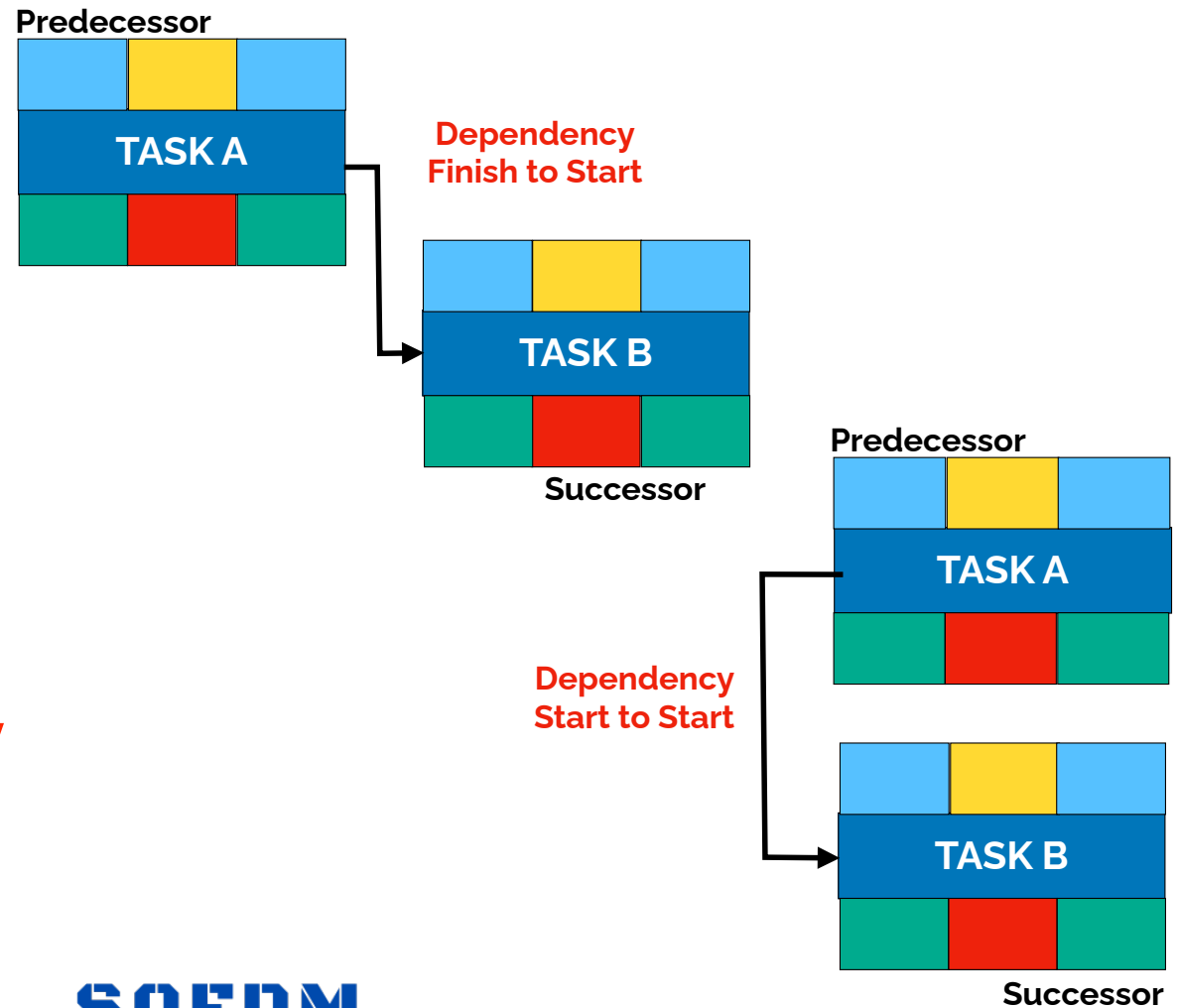


Change dependencies to shorten duration of project from **F-S** to **S-S**

Use **float, leads and lags** to ensure resources are not in conflict

Apply dependency **hierarchy**

Fast-Tracking Tips



SOFPM



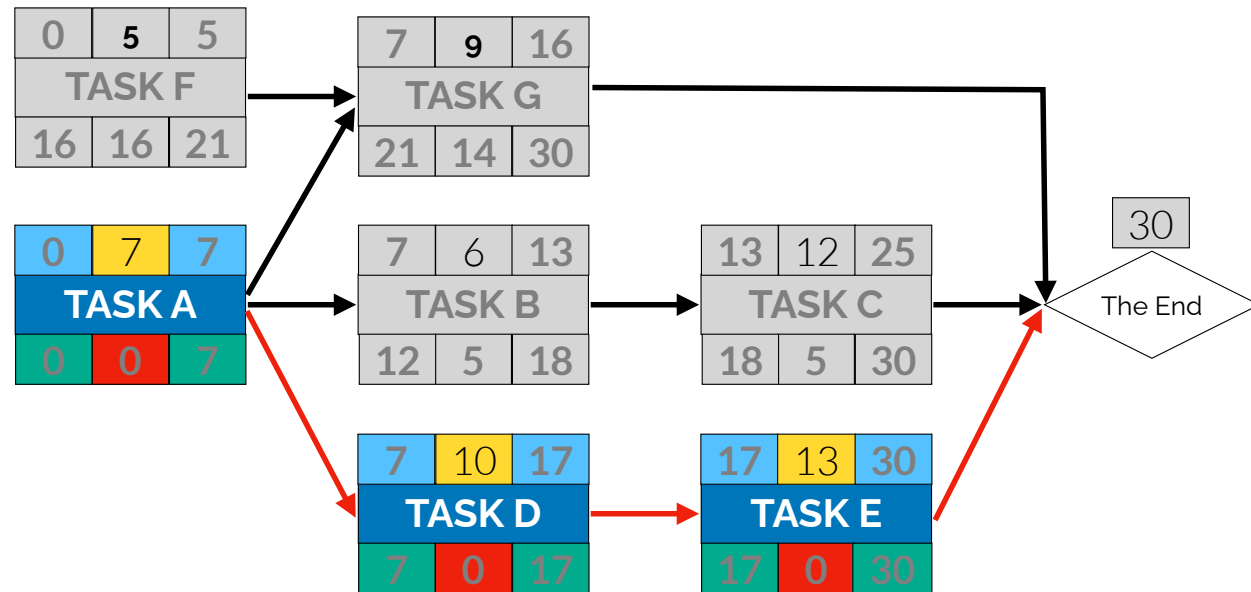
Schedule Management Techniques

	SCOPE RETREAT	ADD TIME/MONEY	LEVEL RESOURCES	FAST TRACKING	CRASHING
COST	HELPS	HURTS	HELPS	RISKS	HURTS
TIME	HELPS	HURTS	RISKS	HELPS	HELPS
SCOPE	HURTS	HELPS	HELPS	RISKS	RISKS

Crashing

Assigning resources in addition to existing resources to **get work done faster.**

Incurs additional cost (labor, equipment, and more.)

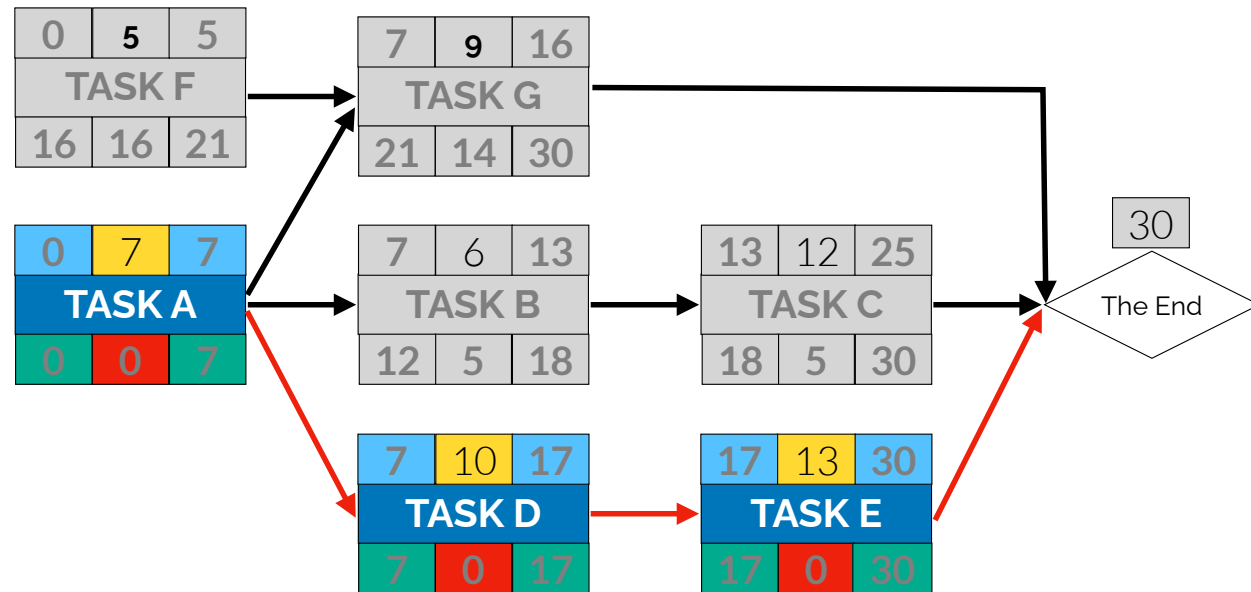


SOFPM



Crashing Tips

Crash tasks on the critical path (those tasks that have no float).

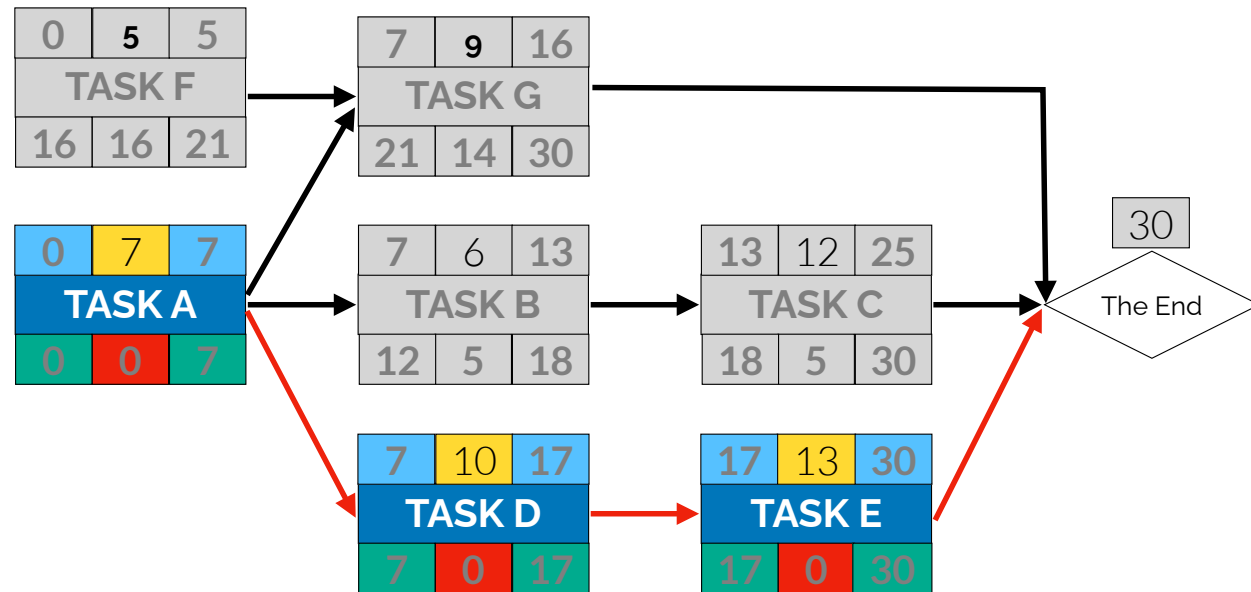


SOFPM



Crashing Tips

Crash from least to most expensive and only crash tasks until it becomes **more 'expensive' to crash than not to crash**



SOFPM



Key Points: Schedule Management Techniques



SOFPM
(A CERTIFICATION
COURSE FOR
PROFESSIONALS)

Fast Tracking means doing things in a different order than planned

Crashing typically means adding people to your project work

Resource leveling is dangerous if not done consciously