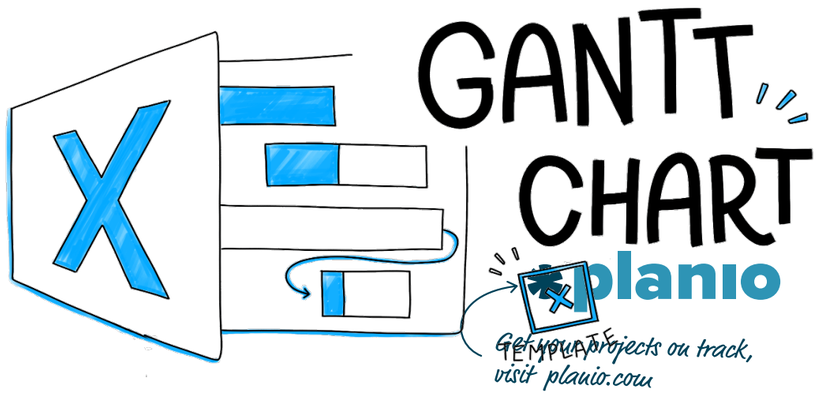
Feedback system

X organization

Feedback system



PHASE DESCRIPTION	TASK NAME	START DATE	DUE DATE	DURATION	CRITICAL PATH	SPRINT/MILESTONE
Project start: 1. Define technical problem; 2. Align resources - People, tools & technologies - based on interest/skillset; 3. Set expectations & timelines	Define technical problem/challenge	1/27/20	1/29/20	2	Yes	Phase 1
	Align resources - People	1/29/20	2/3/20	5	Yes	Phase 1
	Align resources - Tools & technologies	1/29/20	2/3/20	5		Phase 1
	Set timelines & expectations based on challenge complexity	2/3/20	2/5/20	2	Yes	Phase 1
	Feedback on process	2/5/20	2/7/20	2		Phase 1
Evaluate legacy/previous projects - Leverage technologies if possible; If technical challenge is new (current case), explore possible existing/new technologies	Evaluate previous projects to leverage	2/5/20	2/13/20	8		Phase 2
	Explore existing technologies to solve technical challenge	2/5/20	2/15/20	10	Yes	Phase 2
	Explore new technologies	2/15/20	2/23/20	8	Yes	Phase 2
	Feedback on process	2/23/20	2/25/20	2		Phase 2
	Simulations -to understand technical challenge	2/13/20	2/28/20	15		Phase 3
Perform simulations - Suggest possible paths to solutions using technologies identified in	Simulations - Implement existing/new methodologies to solve technical challenge	2/23/20	3/14/20	20	Yes	Phase 3
	Simulations - 'What-if' analysis - Worst cases, Implement drawbacks or failure modes of proposed solutions	3/14/20	3/21/20	7	Yes	Phase 3

Phase 2	Summarize analysis and propose solution to explore and validate simulations - For proof-of-concept stage	3/21/20	3/28/20	7	Yes	Phase 3
	Feedback on process	3/28/20	3/30/20	2		Phase 3
Create Proof-Of-Concept (POC) - Design of experiments, required to validate simulations and also for parametric studies;	Require any new tooling? - If yes, create PO's and set timelines to receive and test before POC	3/28/20	4/1/20	4	Yes	Phase 4
	Supplier engagement	4/1/20	4/6/20	5		Phase 4
	Set timelines to receive parts in time for proof of concept	4/1/20	4/6/20	5		Phase 4
	Design of experiments for parametric studies	3/28/20	4/12/20	15	Yes	Phase 4
	Feedback on process	4/12/20	4/14/20	2		Phase 4
Execute experiments, collect data & analyze; Any errors?	Set up and run experiments - POC	4/12/20	4/27/20	15	Yes	Phase 5
	Run experiments - DOE	4/27/20	5/12/20	15	Yes	Phase 5
	Analyze and re-run experiments - if needed	5/12/20	5/19/20	7	Yes	Phase 5
	Feedback on process	5/19/20	5/21/20	2		Phase 5
If there are errors, re-evaluate process, work required estimate and plan	If re-work needed - re-manufacture designs, set expected timelines	5/19/20	5/21/20	2	Yes	Phase 6
	Order parts as required	5/21/20	5/26/20	5	Yes	Phase 6
	Re-run experiments	5/26/20	6/10/20	15	Yes	Phase 6
	Feedback on process	6/10/20	6/12/20	2		Phase 6
Compile results, create reports and publish to senior management	Validate simulations with experiments	6/10/20	6/15/20	5	Yes	Phase 7
	Compile validated results into reports	6/15/20	6/20/20	5	Yes	Phase 7
	Publish reports - With findings	6/20/20	6/23/20	3	Yes	Phase 7
	Feedback on process	6/23/20	6/25/20	2	Yes	Phase 7

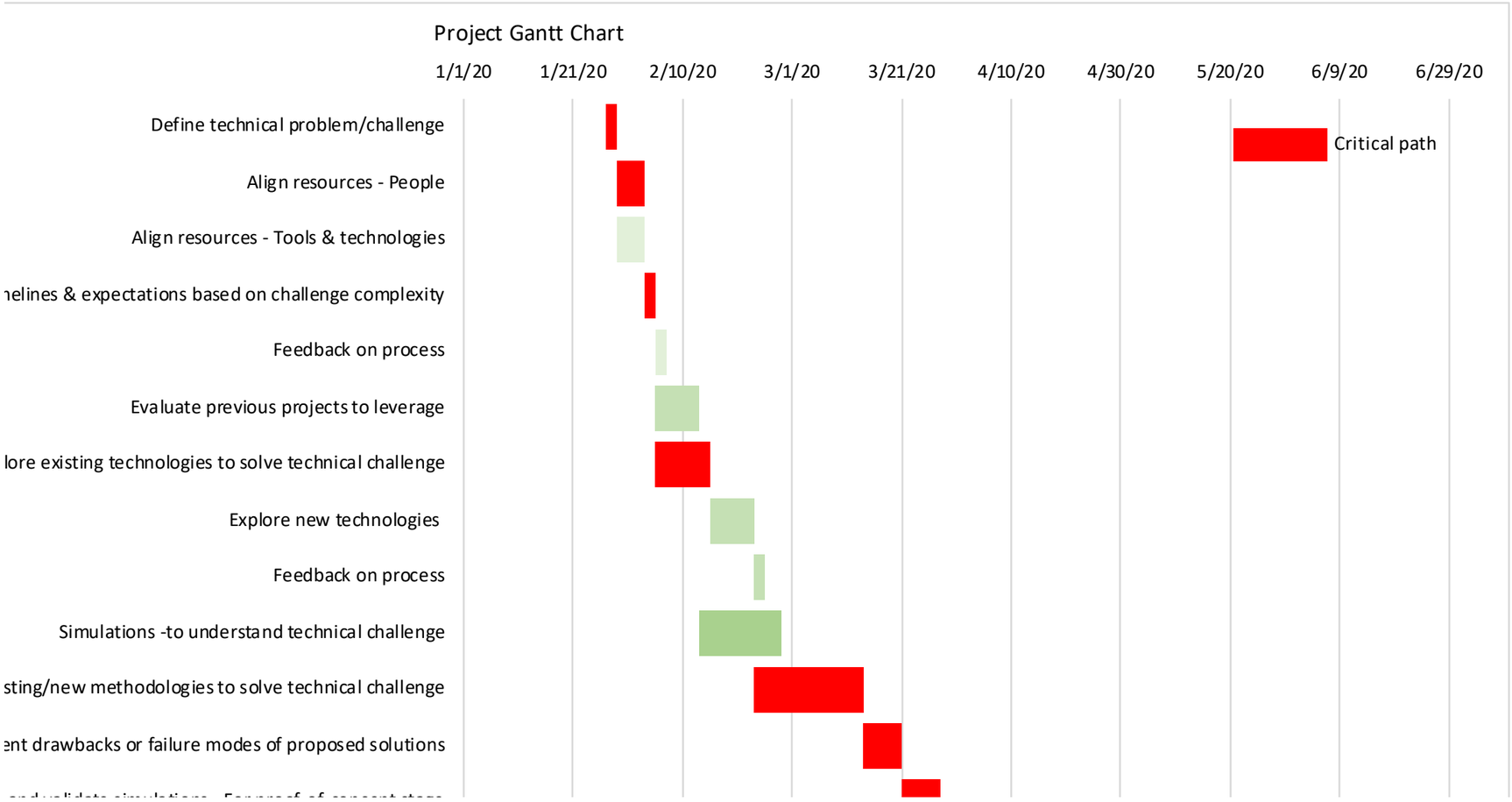
Summarize analysis and propose solution to explore

Require any new tooling? - If yes, create

Set t

If re-work nee

Recognition for tasks while performing jobs between phases or when required between tasks


Project Gantt Chart
1/1/20
1/21/20
2/10/20
3/1/20
3/21/20
4/10/20
4/30/20
5/20/20
6/9/20
6/29/20
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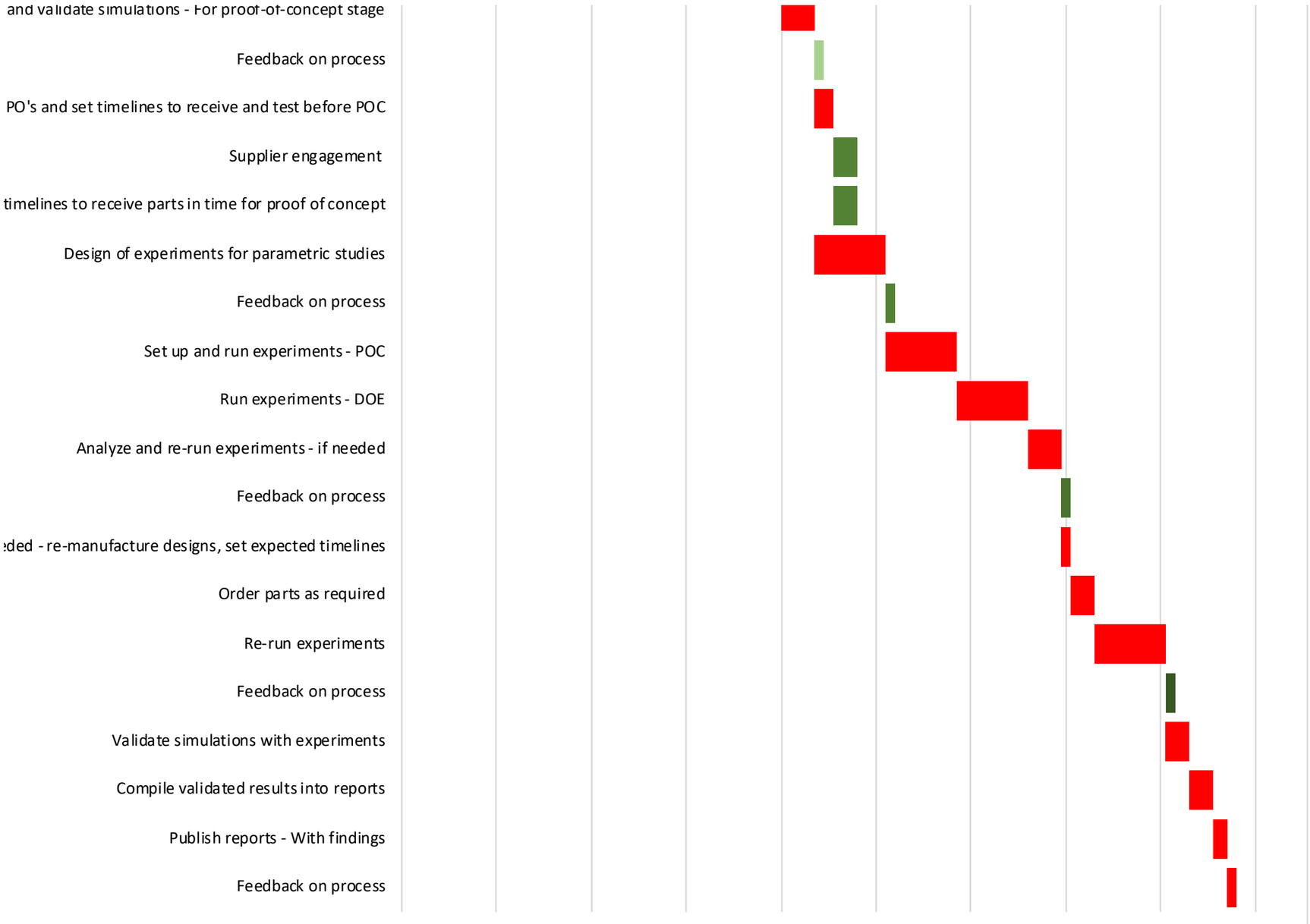
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Publish reports - With findings
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