

# Template

## Context

*The goal is to setup the workflow structure for both dev and prod by structure the pipeline*

## Decision required

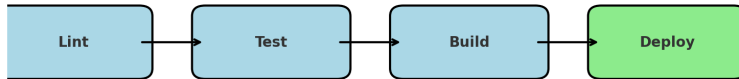
*Which CI/CD workflow jobs structure should be adopted, considering:*

- *Total running time*
- *Infrastructure cost*

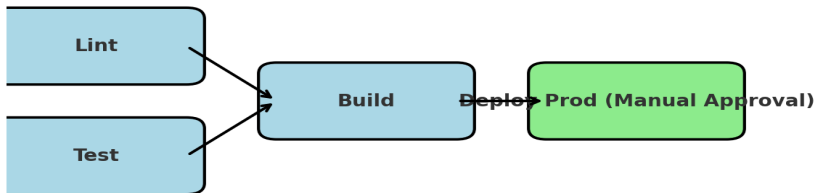
## Alternatives evaluated

Criteria	<b>Parallel Setup</b> (Lint & Test → Build → Deploy)	<b>Series Setup</b> (Lint → Test → Build → Deploy)
Total running time	Slower – must wait for all jobs to finish	Faster – issues in lint or tests detected sooner
Infrastructure cost	Higher – longer runner usage increases cost	Lower – shorter total runtime reduces cost
Scalability	Limited – adding more jobs will slow down the pipeline	Moderate – can run some jobs concurrently, but front-end pipelines remain relatively simple

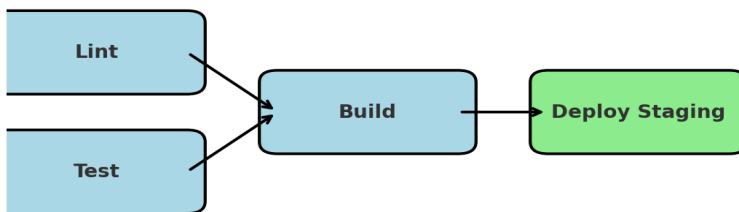
Series Job Execution Pipeline



Production Pipeline



Dev/Staging Pipeline



## Decision

- Option [**Parallel Pipeline**].

We'll use **parallel jobs** because they're cheaper, faster, and scalable. Front-end apps are simple, so running jobs in parallel won't add complexity, and the pipeline will stay efficient as the team grows.

- Ratified by:
  - Name 1 (date)
  - Name 2 (date)