

OSD Tutorial 7: release planning

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Define a release plan to minimise development costs and time for the following set of tasks:

- Task 1: Needs skills X, Y. Estimated effort 5 person days.
- Task 2: depends on task 1, needs skill Z, estimated effort 6 person days.
- Task 3: needs skill Y, depends on task 1, estimated effort 7 person days.
- Task 4: needs skills X, Z, estimated effort 10 person days. Depends on task 2.

The following developers are available:

- Developer 1, with skill X, cost £30 per day
- Developer 2, with skills X, Y, cost £40 per day
- Developer 3, with skills X, Y, Z, cost £60 per day
- Developer 4, with skills Y, Z, cost £70 per day.

Assume that only one developer can be assigned to a given task, ie., there is no sharing of work on tasks.

Show the iterations of your development and give its total duration and cost.