

FAKULTA INFORMATIKY  
MASARYKOVA UNIVERZITA

**MUNI**

Create a new recipe  
Homework 2

PV207 - Business Process Management

# 1 Brief summary

Context: Organisation focused on food recipes and delivery of ingredients.

The process is expected to run several times at the beginning of every week in order to produce new recipes. The created recipe serves as a base for a following process, *Preparation of recipe materials*.

## Flow description

Initially, the **marketing department** examines user feedback and creates a trend analysis from current and upcoming trends. Afterwards, the **R&D department** proposes recipe ideas until a suitable candidate is agreed upon. The chosen idea is handed over to an experienced **chef** who composes a recipe prototype. The prototype is saved for future use, regardless of the eventual approval or abandonment of the recipe. Feasibility check, consisting of price estimation and recipe execution testing, is performed. Assuming the feasibility result is positive, the recipe is approved. In the scenario of negative result, an abandonment report is generated. In the end, the **information system** is notified with the approved recipe or abandonment report.

## Notes

I spent a lot of time thinking about the expanded *Check feasibility* subprocess. I found out that remaining tokens within the subprocess will be terminated if an interrupting event is initiated [1]. Therefore, I hope that the exception handling and parallelism is appropriately depicted, even if the model idea is perhaps not the brightest one.

## References

- [1] Thomas Allweyer. *BPMN 2.0: introduction to the standard for business process modeling*. BoD-Books on Demand, 2016. URL: <https://books.google.cz/books?id=20D4CwAAQBAJ&pg=PA100>.

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