

Internship description

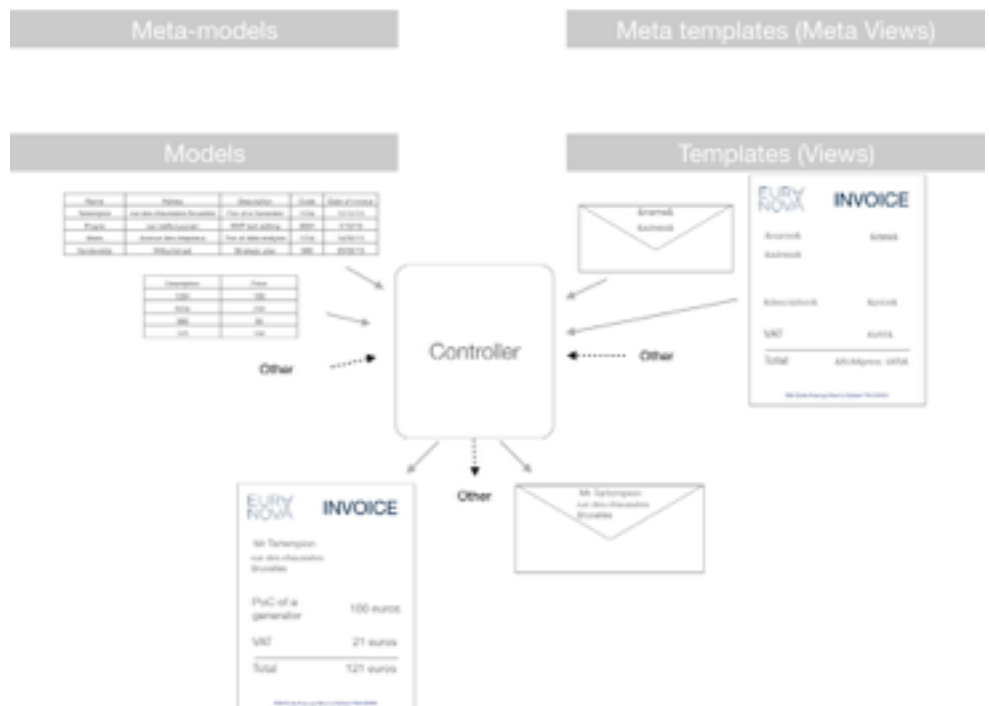
Title

Implementation of a web-based document generator

Context

Companies need to present internal information in different ways to suit various needs. Currently, different types of templates are created and data is rearranged for the various documents. Several inefficiencies occur along the way, the first being the several manual rearrangement of the data to suit various documents, the several edits that need to be manually performed if a data is changed, the decentralisation of templates etc.

A way to bypass this problem is by creating model based generator that allows the user to define and manage templates and models in order to generate documents.



Milestones

During this internship, the student will design and implement a tool capable of :

- CRUD operations on meta-models and meta-templates
- Persisting data in various databases if needed
- If time allows it implement generator engines capable of working with more than one meta-model

Deliverables

- An interactive prototype of the final product.
- Full implementation of the meta-model and meta-template controller
- Design documents for the architecture of the application.
- A feature-incomplete but useable system

Organisation

This internship is organised in collaboration with EURA NOVA. The student will be supervised by the EURA NOVA team.