



Building a web tool for the implementation of a business process: Urban planning processes

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The BPMN notation is a powerful language for the modeling of business models. This modeling assists in the visualization and specification of the business rules of the organizations, assisting the managers in making decisions that aim for the improvement of the workflows.

This project proposal aims to study the impact and sustainability of the development of a business process using a web based tool for deploying a Business Process Management System. The tool will use the BPMN notation to model and execute the business process. The use case to be presented concerns the legal regulation in force for the correct web submission of the many variants that constitute an urbanistic licensing process.

More specifically, it is intended to determine how the development of applications based on this type of modeling when implemented in an information system improve the business processes of an organization that lacks this solution. This project will be carried out based on a specific need of an organization, regarding the optimization of the process of submission of urban planning process.

Keywords: bpmn, bpm, business rules, Public Administration, workflow.