

## Dynamic Essential Modeling of Organization (DEMO) towards the Legal Domain

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### Abstract

It is realized that, necessity of having optimal way of reducing complexity and inter-operable issues in any organization regardless of the domains. Today most of the enterprises starve for above said issues in their own level of complexity and inter-operable issues. The enterprise is supported tremendously with the development of suitable organizational and well optimized operational structure.

The legal domain is one of the driving forces of any government in order to maintain the peace among the nation. Still, the legal domain experiences the issues stated above due to complex courts regulations, domain procedures, individual rights, number of pending cases, number participations in a case and decision making with the evidence. The Dynamic Essential Modelling of Organization (DEMO) is a theory to construction and operation of any enterprises. The intended result is provided through the standard pattern of the transaction<sup>87</sup> via series of communication acts. The legal domain is rich in more communicational agenda and more number of participants in a single case. Thus DEMO can be successfully applied due to optimal constructional pattern and the optimal operational acts. More than this, the DEMO provides re-engineering and re-designing options to the designers. Thus the judicial courts procedure and the organization can be restructured for the optimal output and it leads to break the barrier of complexity and inter-operable issues.

Key words: ontology model, judicial system, re-engineering

### Introduction:

Nowadays, people prefer well organized organization in order to cultivate proper and sustainable outcome by aiming innovative, competitive, and flexible character of any enterprises in a certain domain. The organization may range from CSR to high level scientific research activities regardless of sectors and range of domains. The information and communication technology (ICT) plays vital role in sustaining of these different enterprises in different domains.

Complexity and interoperable issues is eye catching subject in any enterprises regardless of domains. The above stated two issues can make damage in data, dataflow, data security, information management, process management, communication management and organization management. Thus the survival and sustainable condition of the organization becomes hopeless. In Sri Lanka, the legal domain [1] still in crawling stage with very old manual case dealing system consuming more time in between tendering of case and the verdict. The complexity in legal domain gradually grows in many reasons; number of actors involving in the case, number of pending cases, hard procedure of case handling, hard and fast procedures of judicial system and government interventions such as power delegations. The entire above factors lead to produce interoperable issues in the legal system.

This paper tends to show how the legal system can be supported by DEMO<sup>88</sup> in order to maximize the productivity efficiently through simplicity, comprehensiveness, consistent and concise.

<sup>87</sup> It is series of communicational act in order to achieve an output which cause an effect on social world

<sup>88</sup> Dynamic Essential Modelling of Organization developed by Professor Jan L.G. Dietz from the Netherlands.

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