Abstract

Most legal expert systems attempt to implement complex models of legal reasoning. But the utility of a legal expert system lies not in the extent to which it simulates a lawyer’s approach to a legal problem, but in the quality of its predictions and of its arguments. A useful legal expert system should be capable of producing advice similar to that which one might get from a lawyer,
so it should operate at the same pragmatic level of abstraction as does a lawyer. The aim of this paper is to develop a legal expert system called TPA-EXPERT for transfer of property act of Indian legal domain. TPA-EXPERT has a simple representation structure which combine time tested rule based and case based approach. The authors have used VisiRule for development of rule based and Java Net beans for case based approach.

Reference

- Charles Langley and Clive Spenser, “VisiRule Tutorial”, Copyright (c) 2007 Logic Programming Associates Ltd. All Rights Reserved
- Knowledge Engineering and the Law- Chapter-2. Downloaded from UvA- DARE, the Institutional Repository of the University ofAmsterdam(UvA),http://dare.uva.nl/document/136078
TPA-EXPERT: A Hybrid Legal Knowledge Based System for Indian Legal domain

Index Terms

Computer Science  Artificial Intelligence

Key words

Transfer of property act (TPA)  Expert System
Rule Based System
VisiRule