

Shopping Assistant with Negotiation between Buyer and Seller agent

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Abstract

Shopping Assistants deliver compelling web services to customers in a supermarket. Electronic commerce is a domain where agent technologies are well suited. This system will present an agent-based shopping process. In this paper will provide means to efficiently and accurately search and retrieve product information according to the user's desired product characteristics. The purpose of this paper is to develop a shopping assistant agent that will allow users to shop for relevant products, based on a set of preferences recorded within the system. As the preferences are specific to each user, the system will provide the means to allow users to register, login, logout and enter and maintain preferences. This system will implement shopping agent for buying jewelry and searching the best products according to buyer's preferences over the web. Simple Additive Weight (SAW) method is used to evaluate the selling items.