## **IJARSCT**



## International Journal of Advanced Research in Science, Communication and Technology

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal



Volume 5, Issue 4, April 2025

## A Multi-Agent Shopping System

Prof. Samita Patil<sup>1</sup> and Singh Deepika<sup>2</sup>

Professor (Guide), Department of Computer Engineering<sup>1</sup>
Student, Department of Computer Engineering<sup>2</sup>
Shivajirao S. Jondhale College of Engineering Maharashtra, Mumbai, India

**Abstract:** A multi-agent shopping system where system is fed with various product details such as product selection, price comparison, and personalized recommendations. These agents interact with users and various e-commerce platforms to facilitate reliable and efficient shopping experiences. Key features include personalized recommendations, price comparison, online transactions, card payment and cash on delivery option available. The system handles multiple users at a time and provide accurate result. This paper has proposed a multi-agent shopping system that help users or customers to buy quality goods, and get suggestion from the system itself to provide better results.

**Keywords:** product selection, price comparison, personalized recommendation, online transaction, card payment, cash on delivery





