

Acknowledgments

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References

- [1] Michał Drozdowicz, Maria Ganzha, Maciej Gawinecki, Paweł Kobzdej, Marcin Paprzycki, "Designing and implementing data mart for an agent-based e-commerce system", IADIS International Journal, Vol. 6, No. 1, 2008, pp.37-49.
- [2] Hesham M. Kamel, Moza Al-Nasseri, Maryam Al-Aryany, Hamda Al-Awar, "The Smart Shopping System (SSS): An Adaptive Eshopping Application for Reflecting the User's Personal Model", <http://ww1.ucmss.com/books/LFS/CSREA2006/EEE4609.pdf>
- [3] Vikas Rattan, "E-Commerce Security using PKI approach", International Journal on Computer Science and Engineering (IJCSSE), Vol. 02, No. 05, 2010, pp. 1439-1444.
- [4] Rust, R. T., and Kannan, P. K. "E-service: A New Paradigm for Business in the Electronic Environment," Communications of the ACM, 2003, Vol 46, No 6, pp. 37-42.
- [5] Luck, M., McBurney, P., Preist, C., "Agent Technology: Enabling Next Generation Computing (A Roadmap for Agent Based Computing)", Agent Link, 2012.
- [6] Fabio Luiqi Bellifemine, Giovanni Caire and Dominic Greenwood, "Developing Multi-Agent Systems with Jade", John Wiley Sons Ltd, England, 2007.
- [7] N. Sivakumar, K. Vivekanandan, B. Arthi, S. Sandhya, Veenas Katta, "Incorporating Agent Technology for Enhancing the Effectiveness of E-learning System", IJCSI International Journal of Computer Science Issues, Vol 8, No 1, 2011, pp 454-460.
- [8] S. Srinivasan, Jagjit Singh and Vivek Kumar, "Multi-agent based decision Support System using Data Mining and Case Based Reasoning", IJCSI International Journal of Computer Science Issues, Vol. 8, No 2, 2011, pp. 340-349.
- [9] Pooja Jain and Deepak Dahiya, "An Architecture of a Multi Agent Enterprise Knowledge Management System Based on Service Oriented Architecture", IJCSI International Journal of Computer Science Issues, Vol. 9, No 3, 2012, pp 395-404
- [10] Courtney McTavish, Suresh Sankaranarayanan, "Intelligent Agent based Hotel Search & Booking System", International Conference on Electro/Information Technology (EIT), 2010, pp.1-6.
- [11] Qi Wei, Catherine Cheung and Rob Law, "Tourist Perception of Online Hotel Bookings, International Conference on E-Business and E-Government, 2010, pp. 2273 - 2276.
- [12] Hongyun Kuang and Jie Yang, "Empirical Analysis on Hotel Online Booking Consumer's Satisfaction with E-service of Website", International Conference on Information Management, Innovation Management and Industrial Engineering, 2011, Vol 1, pp. 193-196.
- [13] Shazia Yasin, Khalid Haseeb and Rashid Jalal Qureshi, "Cryptography Based E-Commerce Security: A Review", IJCSI International Journal of Computer Science Issues, Vol. 9, No 1, 2012, pp. 132-137.
- [14] Vineeta Khemchandani and Prof G.N. Purohit, "Information Security and Sender's Rights Protection through Embedded Public Key Signature", IJCSI International Journal of Computer Science Issues, Vol. 7, No 9, 2010, pp 27-34.
- [15] Mark S. Ackerman and Donald T. Davis, Jr., "Privacy and Security Issues in E-Commerce", Review chapter for the New Economy Handbook (Jones, ed.).
- [16] Wayne Lawrence, Suresh Sankaranarayanan, "Application of Biometric Security in Agent based Hotel Booking System - Android Environment", IJ. Information Engineering and Electronic Business, Vol-3, 2012, pp: 64-75.
- [17] A. Kannammal, N. Ch.S.N. Iyengar, "A Framework for Mobile Agent Security in Distributed Agent-Based E-Business Systems", International Journal of Business and Information, Vol 3, No 1, 2008.
- [18] <http://www.bouncycastle.org>
- [19] http://en.wikipedia.org/wiki/Halstead_complexity_measures
- [20] D.S. Abdul. Elminaam, H. M. Abdul Kader and M. M. Hadhoud, "Performance Evaluation of Symmetric Encryption Algorithms", Communications of the IBIMA, Vol 8, No 8, 2009, pp. 58-64
- [21] <http://www.trustis.com/pki/fpsia/guide/the-abc%27s-of-secure-electronic-commerce.pdf>, White paper, 2001.

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