Distributed Intelligent Systems (CSC-40045) – Coursework Part 2

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Implementation Description:

This Java simulation successfully models a book trading scenario with distinct Buyer and Seller agents. The buyers look for the best-priced book specified by title, while the sellers manage a catalogue and respond with prices to the buyers. The SellerUI allows for book listing in the catalogue, and upon a Buyer's request, Sellers offer prices. The buyers select the lowest offer and complete the purchase, after which the sellers update the catalogue, marking the book as sold. This simulation successfully fulfils transaction functionality within a simulated environment.