

# Multi-agent Based Booking Arrangement System for High-Speed Boats

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## **Abstract**

*Agent technology is rapidly emerging as a powerful computing paradigm to cope with the complexity in dynamic distributed systems in transportation systems such as ticket booking. This paper describes the use of software agents for extracting data and reserving ticket to improve the services. These agents can extract the essential information in a matter of minutes and can reserve this data to support ticket booking the services in public transportation using the Web. It is implemented to display all the up-to-date information about the high-speed boats timetables and tickets availability. The main purpose is to apply the effectiveness of agents in transportation services through Internet, to demonstrate how software agents assist users in finding relevant information and to provide the leading example of transportation system using web services.*