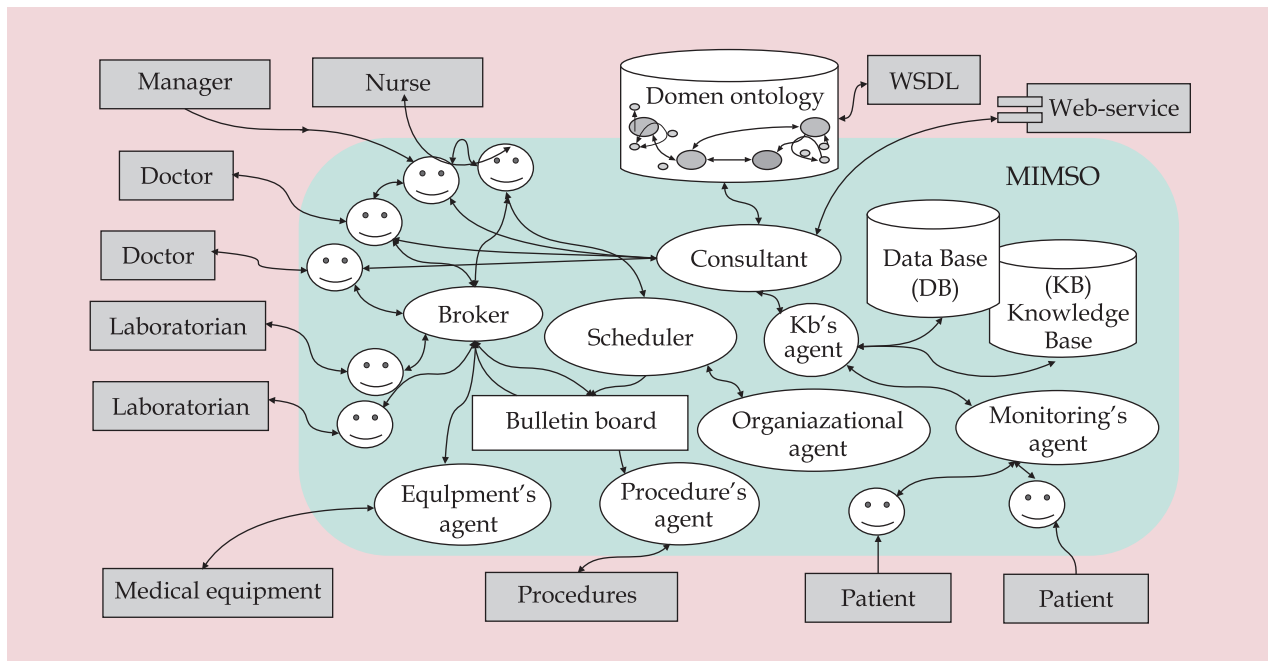# INTELLIGENT MULTI-AGENT SYSTEM FOR CLINICS

Architecture of multi-agent intellectual medical system (MIMSO)

Areas of Application

The system is to be used for raising efficiency of healthcare institutions through automation of routine tasks and provision of real time access to information and knowledge acquisition for clinic staff. The system enables reducing the duration and improving the quality of patient treatment

Specification

The product is a client-server information system based on local area network with Internet access. The number of agents of medical staff and patients is up to three thousand. The system provides mobile ontological knowledge base and knowledge reuse, is easily updatable and expandable

Advantages

Unlike the analogs, this system uses state-of-the-art innovative technologies to represent the formal knowledge of the subject area as ontologies. To this end, algorithms, models, and methods for accumulation and use of this knowledge, as well as Internet of Things subsystem for remote monitoring of patient status have been developed

Stage of Development. Suggestions for Commercialization

IRL6, TRL5
The system is ready for replication and customizable, upon request

IPR Protection

IPR3

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