

Annotation

The topic of the thesis is "Development of models and methods of modular data processing systems." Ambulance emergency medical care nowadays requires special attention, since the lives of people directly depend on the efficiency of ambulances. Consequently, there is a need for correct processing of information coming to ambulance operators. At the moment, the call handling method contains a simple model in which an incoming call is handled by an operator, who in turn determines the urgency of the call based on what he heard from the caller. In the course of analyzing the current information processing model, it was concluded that this method needs a cold calculation from the information processing system that I have developed. The subject of the research is the model of the ambulance service, in particular, calls.

The dissertation work is divided into three sections. The introduction reveals the main purpose of the work, its relevance, novelty and direction. Sections describe the analysis of the subject area, models and methods of information processing in the chosen direction, the design of their own models and methods, the interface and functionality of the data processing system. In the conclusion, the main conclusions and proposals for this work done are presented.