

HR Decision-Making Support System Based On The CBR Method

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Abstract	Abstract: The modern world is filled with an extraordinary amount of information that continuously comes to us from various sources and in various forms. In such an information flow, decision-making becomes a complex task that requires competence, speed and accuracy. One of the effective tools to support this process is decision support systems based on the method of precedents. This work is devoted to the study of the problem of forming precedent models of the software project planning process. The use of such models makes it possible to predict the execution time of a given software development project planning process based on data on the execution of implemented software projects. The method of precedents consists in the analysis and use of similar situations from the past to make decisions in modern conditions. This strategy makes it possible to use the experience and knowledge accumulated earlier to achieve optimal results. It is especially important in fields where it is important to avoid mistakes and ensure the best result, such as medicine, finance, engineering and others. This article is devoted to the consideration of the principles of operation of decision support systems based on the method of precedents and their application in various fields. We will consider the advantages and disadvantages of this method, as well as provide examples of its successful use in practice. In particular, it will be highlighted how systems based on the method of precedents help doctors in making diagnostic decisions, financial analysts in forecasting market trends, and engineers in solving technical tasks. In addition, we will discuss current trends in the development of decision support systems based on the method of precedents, including the use of artificial intelligence and machine learning to improve their functionality and efficiency. This article aims to increase readers' understanding of the importance and application of precedents in decision support systems. After getting acquainted with the material, readers will be able to better use this method to achieve better results in their professional and personal activities. overcome difficult tasks and make more deliberate decisions in the conditions of constant growth in the amount of information and challenges of the modern world.
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The modern world is filled with an extraordinary amount of information that continuously comes to us from various sources and in various forms. In such an information flow, decision-making becomes a complex task that requires competence, speed and accuracy. One of the effective tools to support this process is decision support systems based on the method of precedents. This work is devoted to the study of the problem of forming precedent models of the software project planning process. The use of such models makes it possible to predict the execution time of a given software development project planning

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Keywords: HR, decision-making, support system, CBR method, project management

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