ANNOTATION

This diploma project presents the outcome of a detailed analytical work conducted during its execution.

It involved market research and consumer analysis, which led to the identification of the task of developing a system to automate logistics and transportation planning for "Transsot" LLC. Investment analysis methods were examined, and an economic efficiency calculation was performed, revealing the total cost of the program to be 51229,8 rubles with an investment payback period of 3 years and 1 month.

To develop the system, existing solutions in the field were studied, and both functional and non-functional characteristics of the application were determined. The use of modern programming technologies during the development process ensured high performance and user-friendliness of the application.

Following the development phase, extensive testing and debugging of the application were conducted, confirming its correct functioning and compliance with the defined requirements. As a result of this work, a fully functional application was created, ready to be utilized by "Transsot" LLC for logistics and transportation planning tasks.

This practical work represents a significant step in advancing the technological processes of "Transsot" LLC, streamlining the process of transportation service planning and enhancing the efficiency of the company's business processes. The developed automation system provides the company with the ability to more effectively manage logistics tasks and improve customer service levels, thereby contributing to the company's development and growth.