

Annotation

This graduation project shows the progress on the implementation of a software product to optimize the restaurant. The developed application helps employees in the work of the restaurant, and also optimizes the reporting of their activities. The capabilities of the software product allow you to place an order directly from the application, inspect all currently available categories and products, as well as edit them, view all orders for a different period of time. The program also includes analytic capabilities for product sales throughout the restaurant's existence.

The application was developed in the programming language HTML, CSS, PHP, JavaScript using the SublimeText3 code editor and the CodeIgniter3 framework. In the development, various plugins were used to optimize the application.

The work also discusses the possibilities and comparison of various types of DBMS, the economic side of the development of this project, and calculates the conditions of life safety.