

## ANNOTATION

The thesis: 84 p., 8 tab., 23 fig., 2 append., 28 sources.

Information system for automation testing in educational institution.

INFORMATION SYSTEM, TESTING SYSTEM, STATISTICAL ANALYSIS OF RESULTS OF TESTING, TESTING STUDENTS, TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS.

The work carried out to develop an information system for automation testing in educational institutions.

The system is created on the basis of software analogues considered in the work: online resources and desktop applications. The shortcomings found in the analogues are taken into account and the significance of their impact on the work of the program and the convenience of its use. Existing modifications and technological solutions used in the software products available are also taken into account. There was done some work to improve the ability of presenting data and the issue of creating a high-quality test task and its characteristics has been researched.

Within the framework of the thesis an information system was developed that allows you to create, edit and delete tests, pass tests, receive test results for different parameters of selection, perform their initial processing and store in files of different formats.