

ABSTRACT

A WEB APPLICATION FOR REGISTERING, COLLECTING DATA, AND TRACKING STUDENT CONFERENCE PARTICIPANTS WITH AUTOMATIC OUTPUT DOCUMENTATION GENERATION: thesis / Akachukwu Kizito Chimdindu – Gomel: P. O. Sukhoi State Technical University, 2026. – Thesis: 82 pages, 31 figures, 8 tables, 16 sources, six appendices.

Keywords: web application, ASP.NET Core, React, conference registration.

The object of development is the «Registration of conference participants» web application.

Goal of the work: develop a web application for registering, collecting data, and tracking student conference participants with automatic output documentation generation.

Description of the work: during the development process, tools and methods for developing web-based information systems, as well as methods for constructing their architecture, were studied. Technical literature and documentation for server and client application development tools were reviewed. Work was conducted with ASP.NET Core Web API and React technologies. Methods for data caching, information security, and database design and organization were studied and applied. ORM technologies were studied and applied.

The student certifies that the work was completed independently, that the material presented in the thesis objectively reflects the state of the art, and that the explanatory note has been verified using the Anti-Plagiarism system. The originality rate is 92.86 percent. All theoretical and methodological principles and concepts borrowed from literary and other sources are accompanied by references to the sources listed in the references.