

ABSTRACT

Bachelor thesis: 140 p., 38 fig., 10 tabl., 30 sources, 2 appendixes.

Theme: Technologies and methods of quality management in project management

Objective: a study of the current quality management system, study areas of improvement and development of software that will assess quality for different methods and parameters followed by an analysis of the economic effect

Object of research: system of quality management.

Subject of the research: qualitative and quantitative methods of quality management.

In the bachelor thesis work used scientific methods such as theoretical generalizations and comparisons – to clarify the conceptual system of quality management; statistical analysis – to analyze empirical data and study the characteristics of quality assurance in terms of transformation of the economy; systematic approach and formalizing economic and mathematical modeling - to study and develop the main ways to improve cost management to ensure the quality of the company.

To implement the stated aim of bachelor thesis were set and solved the following main objectives: Theoretical analysis of the concepts of "quality", "quality control system"; the role as a market economy; The existing classification of costs to ensure quality of products and quality management organizational structure; The features quality management and its impact on the effectiveness of the company; investigated methodological approaches to quality management; developed software to determine the quality and effectiveness of measures to improve it.

Stated in the situation, conclusions and recommendations can be used in practice for companies in the field of quality management and the employees and owners of companies seeking to assess the quality and effectiveness of the proposed measures for its improvement.

QUALITY MANAGEMENT, QUALITY INDICATORS, METHODS OF EVALUATION OF QUALITY, ECONOMICS EFFECT, INDEX OF POSSIBILITIES, INTEGRAL QUALITY SCORE, SHEWHART CHARTS.