

MINISTRY OF EDUCATION OF THE REPUBLIC OF BELARUS
STATE EDUCATIONAL INSTITUTION
"SCHOOL OF BUSINESS OF BELARUSIAN STATE UNIVERSITY"

Chair of Innovative Management

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**THE IMPACT OF INFORMATION TECHNOLOGY IN FINANCIAL
MANAGEMENT**

Master`s thesis

specialty 1-26 80 04 "Management"
(profile "Financial Management")

Supervisor:
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Admitted to Master`s thesis defense on
" ____ " _____ 2021
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Minsk, 2021

GENERAL CHARACTERISTIC OF THE WORK

Master's thesis: 61 p., 0 figures, 10 tables, 35 sources.

SOFTWARE PROCESS IMPROVEMENT, SOFTWARE PRODUCTS, FINANCIAL ACTIVITIES, CMMI, FINANCE MANAGEMENT, BUSINESS MANAGEMENT

The aim of the study is to focus on identifying the key process areas for software products for financial and Business performance management. we provide best practices and methods for improving software products.

Object of the research: Financial Management

Subject of the research: Information technology

The research identified the key problems related to process improvement in software product for financial and business management. The main objective is to develop a model based on CMMI, which can be used by software finance companies in order to implement process improvement activities. All the key activities required for process improvement in software products for financial management are explained with proper guide lines. This dissertation met these research aims through an extensive study of relevant literature and systematic review about CMMI, SPI and finance management.

The research was based on the CMMI technical reports and case studies about finance management.

Research methods: Case analysis method, literature analysis method, data research method

Realm of the possible practical application: This research identified the key process areas for software products for finance proposes and provides implementation methods in form of key activities which are to be implemented in order to improve the maturity of the process.