

ABSTRACT

This final project discusses the necessity of using technology as a crucial tool to optimize business processes within a company, considering the rapidly evolving and highly competitive business environment. Therefore, the use of technology will significantly impact and bring about substantial changes in the company, particularly through automation processes. Automation allows tasks previously done manually to be automated using various software and applications. This is evident in the case study company I researched, where the monitoring activities related to bank guarantees still rely on relatively basic technology such as Microsoft Excel. This manual approach poses several challenges, including limitations in data usage that can lead to other constraints or obstacles in the monitoring process. Thus, the objective of this research is to illustrate the use of applications for monitoring bank guarantee data that are more efficient and automated, with unlimited data storage and well-organized document archiving. The focus of the study is on designing applications for inputting and updating the bank guarantee data monitoring system, as well as systematically archiving documents and creating reports related to the presentation of debit data on guarantees issued by the bank.

Keywords: automation, software, monitoring, guarantee