

ABSTRACT

In the current digital era, the use of cloud computing technology has become increasingly popular as a solution to enhance efficiency and accessibility across various fields, including financial information systems. Cloud-based financial information systems allow organizations to securely store their financial data on remote servers and access it via the internet.

This study discusses the development of a cloud-based financial information system, involving several key stages. Firstly, designing a cloud infrastructure tailored to the organization's needs, including selecting the appropriate cloud service provider and configuring a secure and efficient system. Secondly, integrating with existing internal systems to ensure optimal connectivity and interoperability.

The main advantages of cloud-based financial information systems include ease of access and flexibility in managing financial data, reduced infrastructure costs, and scalability that can easily accommodate organizational growth. However, potential challenges include data security and privacy issues, as well as dependence on stable internet connectivity.

With proper implementation, cloud-based financial information systems can enhance operational efficiency, enable faster and more accurate decision-making based on real-time data, and support overall organizational growth and digital transformation.

This application uses two testing methods, namely Expert Judgement and Usability Testing. In the Expert Judgement test, the application received a score of 88.3, indicating that this application is worthy of use. While in the Usability Testing test, it consists of calculating the overall steps of the application with a total of 185 steps, then measuring the travel time of the accounting company with a total of 69 minutes 18 seconds and general users around 98 minutes 16 seconds with a total of 167 minutes 34 seconds.

Keyword : Cloud computing, Cloud infrastructure, Data security, Data privacy, Financial information system, and System integration.