JETIR.ORG ISSN: 2349-5162 | ESTD Year : 2014 | Monthly Issue JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)

An International Scholarly Open Access, Peer-reviewed, Refereed Journal

# **"TO STUDY OF BANK MANAGEMENT SYSTEM"**

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# ABSTRACT

Bank management system is an essential software system for any financial institution to manage its operations effectively. This paper presents a comprehensive study on the bank management system, including its functions, features, benefits, and challenges. The study also discusses the different types of bank management systems available in the market, their advantages, and their limitations. Furthermore, the paper covers the various factors to consider when selecting a bank management system, such as security, scalability, flexibility, and cost-effectiveness. Finally, the paper concludes by highlighting the importance of adopting a bank management system for the success and sustainability of financial institutions.

**KEYWORDS:** Bank management system, financial institution, software system, security, scalability, flexibility, cost-effectiveness.

# **1. INTRODUCTION**

Banking institutions have undergone a significant transformation in the past few decades due to the technological advancements and changing customer needs. In this context, bank management systems have emerged as an essential software system for financial institutions to manage their operations efficiently. A bank management system is a software system that provides various functionalities, including customer management, account management, transaction management, and reporting.

This paper aims to provide a comprehensive study of the bank management system, including its features, benefits, challenges, and the different types available in the market. Furthermore, the paper discusses the critical factors that financial institutions need to consider when selecting a bank management system.

#### 2. BANK MANAGEMENT SYSTEM: FUNCTIONS AND FEATURES

A bank management system comprises various functionalities that enable financial institutions to manage their operations efficiently. The primary functions of a bank management system include:

#### i) Customer Management:

A bank management system enables financial institutions to manage their customer information, including personal details, account information, transaction history, and communication history.

#### ii) Account Management:

A bank management system allows financial institutions to manage their account information, including account opening, closing, balance management, and interestcalculation.

#### iii) Transaction Management:

A bank management system provides functionalities to manage different types of transactions, including deposits, withdrawals, fund transfers, and bill payments.

#### iv) Reporting:

A bank management system provides various reporting functionalities, including balance sheet, profit and loss statement, and customer transaction history.

Furthermore, a bank management system comprises various features, including security, scalability, flexibility, and cost-effectiveness.

# **3. TYPES OF BANK MANAGEMENT SYSTEM:**

There are different types of bank management systems available in the market, including: i) Standalone Bank Management System:

A standalone bank management system is a software system installed on a local server or computer. This system is suitable for small financial institutions with a limited number of customers.

# ii) Cloud-based Bank Management System:

A cloud-based bank management system is a software system hosted on a cloud server. This system is suitable for financial institutions of all sizes and provides better scalability and flexibility.

# iii) Custom-built Bank Management System:

A custom-built bank management system is a software system developed specifically for a financial institution's requirements. This system provides better customization but is costly and time-consuming.

# 4. ADVANTAGES OF BANK MANAGEMENT SYSTEMS:

Bank management systems provide various advantages to financial institutions, including:

#### i) Increased Efficiency:

Bank management systems automate various tasks, reducing manual errors and increasing operational efficiency.

#### ii) Better Customer Service:

Bank management systems enable financial institutions to provide better customer service by providing quick and accurate responses to customer inquiries.

#### iii) Improved Reporting:

Bank management systems provide accurate and timely reports, enabling financial institutions to make better decisions.

# **5. IMITATIONS OF BANK MANAGEMENT SYSTEMS:**

However, bank management systems also have some limitations, including:

### i) Initial Investment:

Implementing a bank management system requires an initial investment in hardware, software, and training.

#### ii) Maintenance Cost:

Bank management systems require regular maintenance and upgrades, increasing the overall cost.

## iii) Integration Challenges:

Integrating a bank management system with existing systems and processes can be challenging.

# 6. Factors to Consider When Selecting a **Bank Management System:**

Financial institutions need to consider several factors when selecting a bank management system, including:

# i) Security:

Security is a critical factor to consider when selecting a bank management system. The system should provide robust security features, including data encryption, access control, and authentication, to prevent unauthorized access and data breaches.

# ii) Scalability:

A bank management system should be scalable to accommodate the growth of the financial institution. The system should be able to handle a significant increase in customer base, transactions, and data without affecting performance.

# iii) Flexibility:

A bank management system should be flexible to adapt to changing customer needs and regulatory requirements. The system should provide customization options to tailor the system to the financial institution's specific needs.

#### iv) Cost-effectiveness:

A bank management system should be cost-effective, considering the initial investment, maintenance, and upgrade costs. The financial institution should evaluate the system's return on investment to determine its cost-effectiveness.

#### © 2023 JETIR May 2023, Volume 10, Issue 5 7. CONCLUSION:

In conclusion, bank management systems are essential software systems for financial institutions to manage their operations effectively. The system provides various functionalities, including customer management, account management, transaction management, and reporting. Financial institutions need to consider various factors when selecting a bank management system, including security, scalability, flexibility, and cost- effectiveness. The adoption of a bank management system can provide several benefits to financial institutions, including increased efficiency, better customer service, and improved reporting, leading to long-term success and sustainability.

However, financial institutions should also be aware of the limitations of bank management systems, including initial investment, maintenance cost, and integration challenges.

As the banking industry continues to evolve and adapt to technological advancements and changing customer needs, the importance of bank management systems will continue to grow. Therefore, financial institutions should carefully evaluate their requirements and select a bank management system that meets their specific needs and requirements.

In conclusion, bank management systems play a vital role in the success and sustainability of financial institutions. By providing a comprehensive study of bank management systems, this paper aimed to highlight their importance and help financial institutions make informed decisions when selecting a bank management system.

## 8. FUTURE SCOPE:

Banking system is a way to maintain few records which bank holds in order to keep a track of everything in the bank so a software application is required in order to make the work easier, for example- maintenance of international value of INR and other currency are also a part of the job of banking system. The bank management is also required to act as the currency distributor and to serve the work for the nation's well-being. This application is built to make it easier for the customers to track every transaction that is being made.

The main aim of an application is to somewhere automate records on the system. It gives all sorts of functions which are required by the bank in order to run a stable system. In addition to that it also helps to manually check the records of the pre-existing system like transactions that are made in the past. The application also changes or manipulates the new data that is being added and is then re-recorded. One can also check their present transactions that are in process and keep a check on their accounts via this application. It's not only useful for the customers but also for the admin.

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