There are serious security issues with the existing system because it uses paper forms and manual data entry. Paper forms are vulnerable to loss, theft, and unauthorized access, which can compromise sensitive member information. Additionally, the manual data entry process increases the potential of human error. These errors can include inaccurate data entry, misplacement of forms, and delays in processing applications.

Problem 4: Lack of resources to support decision making

KADA's current manual process of transferring information from paper to digital formats is insufficient for effective decision making. This results in fragmented and unstructured data, making it difficult to generate detailed reports and monitor trends. The manual process also limits advanced data analysis, crucial for strategic planning and operational optimization. A system that digitizes member information and organizes data is needed to support informed decision making.

5.0 Proposed Solution

Based on the observation through e-government website, the example that related to the system that we would like to propose include e-Tanah, e-consent, e-Kehakiman, e-Filing and many more. Given the growing trend of processes going paperless, we are going to propose a system to KADA which will serve as an advanced replacement for the traditional paperwork. Below are some features to enhance the efficiency and security of KADA's system.

1. Digitise the member registration and data entry process

   New users or members no longer need to fill out paper forms and KADA staff are not required to perform manual data entry to register new members. This will mitigate the risks of using paper forms, ensure data security and most importantly avoid human error.

2. User authentication mechanism

   After having registered an account, the members can login by entering their username and password. Then, they can apply for a loan or check the status of loan applications and payments made.

3. Automated Generation of Report

   Currently, KADA is still required to generate reports for the board of directors manually. However, by using our system, the report for each member will be automatically generated after the clerk has updated the loan and dividend details in the system. Members can also obtain a copy of their individual report via the homepage.

5.1 Feasibility Study

5.1.1 Technical Feasibility

Our system uses a website as its platform, which only requires users to have a device and internet connection to access the system. However, this system must be equipped with a database system and a server to store the users' information in order to register a new account. Besides, our system will store all the relevant information of our users' savings account information. Our team have sufficient technical resources to provide the level of technology required for this system. Hence, our system is technically feasible.

5.1.2 Operational Feasibility

From the interview with the representatives of KADA, they need this system to reduce the workload of generating reports for users manually. Hence, our system is operationally feasible. However, since this system is connected to a server and several databases, it requires information system (IS) support to prevent bugs and glitches. Our team has the capability of handling this, thus our system is proved to be operationally feasible.

5.1.3 Economic Feasibility

CBA