Online Loan Management System

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Abstract - **This research paper describes the idea of online Loan application have been developed application of home loan, Car loan, Education loan, gold loan, Business loan and online Customer acquisition solution an online platform to apply for loan. Loan requirements depending upon their eligibility customers will instantly get to approval for online. there after the bank officials will contact customer and complete all the loan formalities. after customer need to document details loan orient base on application system each depends on the others and need for using the others. The work of online application in production, has been key to the development of these practices. the different module more technology in application. user details and problems different place solved for agent. Development processor overall provider suggestion application is that it will continue on throughout the future, providing for those who need us most. the application will also help customers to upload all necessary documents online, thus empowering the customer and also reducing the loan processing time.**

Index Terms - **online Loan application, home loan, Car loan, Education loan, Gold loan, Business loan.**

1.INTRODUCTION

Online Loan application systems have been developed application of home loan, Car loan, Education loan, gold loan, Business loan and online Customer acquisition solution an online platform to apply for loan. Loan requirements depending upon their eligibility customers will instantly get to approval for online. there after the bank officials will contact customer and complete all the loan formalities. after customer need to document details loan orient base on application system each depends on the others and need for using the others. The work of online application in production, has been key to the development of these practices. the different module more technology in application. user details and problems different place solved for agent. Development processor overall provider suggestion application is that it will continue on throughout the future, providing for those who need us most. the application will also help customers to upload all necessary documents online, thus empowering the customer and also reducing the loan processing time.

In this paper section I contains the introduction, section II contains the literature review details, section III contains the details about methodologies, section IV shows architecture details, V describe the result and section VII provide conclusion of this paper.

2.RELATED WORK

On the basis of extensive literature survey related to loan management system has been taken into consideration in this section.

Jay Chaudhari et. al. 2021, In the daily transmuting scenarios of the financial world, lenders and students are searching for new, modern and digital techniques to manage their loans through an automated management system that can ease their effort. The need of this system is to make the process flexible, scalable, agile and fast while being more affordable and reliable. Student Micro Loan Management System is an application which will provide users information with different types of loan available for students. This application gains the headway of an understudy and moneylender simple in giving the confirmed data about student micro loan. This project provides the information about various details of Student micro (Tuition and facilities) loans which are allocated for students. This task accumulates all the data of the advances. This project provides the information about various details of education loans and makes it available to users in user-friendly website/app.

Hao Wang, et. al., 2019, Current financial loan management systems are usually deployed in a single service mode, also the transactions are not transparent and traceable to most of the roles participating in the process. Their data privacy protection mechanisms are not robust enough facing various cyber-attacks. To overcome these challenges, we propose loan on blockchain (LoC), a novel financial loan management system based on smart contracts over permissioned blockchain Hyperledger Fabric. We use the Chinese poverty alleviation loan as the case study. We design a digital account model for the transfer of assets between centralized and decentralized ledgers; and propose locking and unlocking algorithms for smart contracts. We introduce digital signature and oracle to protect the data privacy. Performance evaluations on chaincode and unlocking codes show that our system is applicable in the real financial loan setting.

Akhil Sahota et. al. 2018, Today's market is progressing with a great pace. The people are lacking the time to accomplish all their tasks. The technology that saves time is always appreciated whether it an automated machine in a factory or a bank providing a loan to its customers. Most of the times, banks deal with a delay in the process due to inappropriate loan processing system. This in some cases leads in the loss of their prospective customers. A suitable loan management system allows the bank to provide their customers with quick loan approvals, while at the same instance, the banks are allowed to disburse the loan amount in a fast pace which further results in happy and satisfied customers. The key aspects of the loan management system include reduced processing time and turnaround, ability to improve the performance throughout and inquire in a much lesser time, tracking of status online and better document management, minimization of errors, details required and unwanted information requirements and better customer satisfaction with new product offerings and thus, impacting the minds of the customers. The financial sector is growing and grooming as each day passes and thus, introducing efficient new technologies in this sector will surely result in development of agencies and customers. With appropriate steps and efficient technologies, the customers and the agencies can bond together, and the financial sector can gain more foothold.

Julian VASILEV et. al., 2017, A loan management information system (for transaction processing in credit institutions) records data for given loans, returned sums for principal, interest and taxes. The purpose of this article is to accept or reject our assumption that the more loans are given, the more sums are returned by customers. The main methodology used is time series analysis. Data are analyzed in SPSS. The main proved conclusion is that incoming money flows in credit institutions do not depend on the amount of given loans. This article is published for the first time. This article gives notes for extending existing loan management information systems for loan management in credit institutions and banks in the direction of business analysis.

S. M. AKTERUJJAMAN, et. Al., 2016, SMEs all over the world have been playing a crucial role in promoting economic development as well as industrial production. SME financing has been identified as a major obstacle to SME growth. Unfortunately, the issue seems to be as unresolved as it always has been. Though the majority of the issues are with the SME themselves, the banks also have major issues in designing financial products for the SMEs. This study tries to find out the underlying problems from the bank's perspective. The major findings are related to the high interest and loan duration rates, reasons for SMEs relatively informal way of doing business in contrast to bank's formal procedures and prerequisites, bank's relative inexperience in this field. They are also related to the bank's lack of perspective, the viability and benefits of cluster unity, approach to informal loan takers and non-usage of modern technology and accounting procedures. The recommendations were provided based on the analysis and findings.

3.METHODOLOGY

Proposed System
User registration need for details after login different type of loan, for car loan, education loan, business loan, gold loan, home loan, after different details provider for loan application different customer details view for user. Agent registration need for details after login customer query view and loan type view suggestion provider and status applied changed to approved or rejected. Agent view for customer. Manager registration need for details after login loan

awareness provider for customer and sanctioned customer details view and Applied details view.

4.MODULE DESCRIPTION

- User

User module new user registration and login for user loan type to car loan, education loan, home loan, gold loan, business loan need for customer different loan typed. Loan file after submit option using .user sending query view and user checked applied for user logout.

- Agent

Agent module new registration and login, agent different user query view after suggestion provided for user different loan form details after agent sanctioned sending customer after logout

- Manager

Manager login after customer awareness provider view and sanctioned details view. after customer applied details view the manager.

- Home Loan

Earn 250 point if your disbursal is less than on equal to 25 lacs, Earn 500 point if your disbursal is 25 to 50 lacs, Earn 250 point if your disbursal is less than on equal to 75 lacs.

- Car Loan

Car Loan value calculated on ex-showroom price of the vehicle. Attentive interest rates on car loans. Banking suggested schemes available loans offered from Rs.1 Laks onward.

- Gold Loan

Earn our gold loan sanction and disbursal is one of the quickest with easy documentation and doorstep service. Our rates and charger for loan against gold are very attractive. All charges are communicated up front in writing along with the gold loan quotation.

- Education Loan

Quantum of loan the quantum of finance under the scheme is capped at Rs 10,00,000 lacs for studies in Indian and Rs 20,00,000 lacs for studies abroad, which would cover tuition fees, hostel charges (if any), cost of books. The minimum amount of education loan would be Rs 10,00, 000.the Quantum of loan can be higher amounts above these caps subject to eligibility and cost, for case-to-case approval. Margin no for education loans up to RS 4lacs.for loans above Rs 4lacs,5% margin for studies within India and 15% for higher studies overseas.

- Businees Loan

Business loan eligibility in 1 minute available online & across all branches. Self-employed customers get exclusive higher loan amount. Loan Amount up to Rs.15 lakhs (Up to Rs.40 Lakhs in selected locations)

1. Data Flow Diagram (DFD)
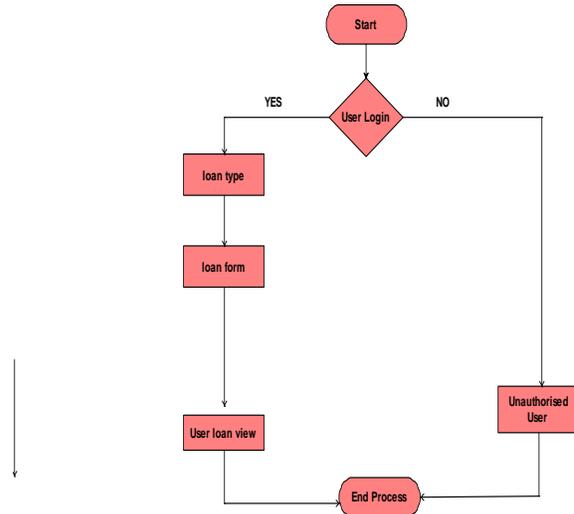
Figure 1: Data Flow diagram

5. RESULTS

Online Loan application have been developed application of Home loan, Car loan, Education loan, Gold loan, Business loan and online Customer acquisition solution an online platform to apply for loan. Loan requirements depending upon their eligibility customers will instantly get to approval for online. there after the bank officials will contact customer and complete all the loan formalities. after customer need to document details loan orient base on application system each depends on the others and need for using the others. The work of online application in production, has been key to the development of these practices. the different module more technology in application. user details and problems different place solved for agent. Development processor overall provider suggestion application is that it will continue on throughout the future, providing for those who need us most. the application will also help customers to upload all necessary documents online, thus empowering the customer and also reducing the loan processing time.

Figure 2. Shows customer login page
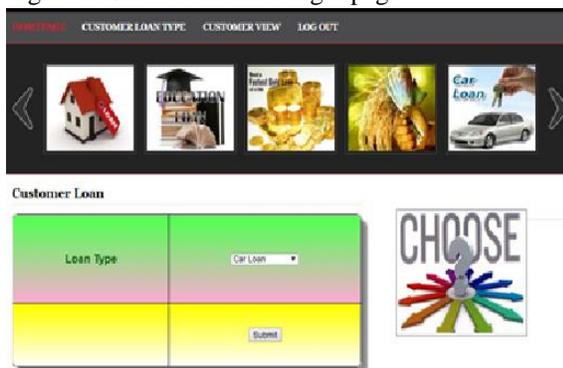
Figure 3. shows customer home page
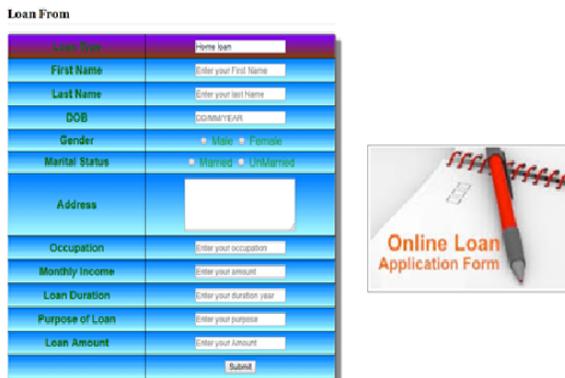
Figure 4. shows the loan application form


Figure 5. shows the agent login

Figure 6. shows the type of loan

Figure 7. shows the manager login

6. CONCLUSION

Online loan application used for user different details and different officer different message provide. Overall details collection for online loan application different city used for problem solving to help for officers and development provider Source and distribute to the user and the world.

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