USER MANUAL



ZEPHYR LOAN MANAGEMENT SYSTEM

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Introduction

What is Loan Management System?

Loan Management System is a desktop application which assist lenders in automating and streamlining entire loan life cycle including loan servicing, reporting, customer care, syndication and customer monitoring.

What is Loan?

The term loan refers to a type of credit vehicle in which a sum of money is lent to another party in exchange for future repayment of the value or principal amount. In many cases, the lender also adds interest or finance charges to the principal value, which the borrower must repay in addition to the principal balance.

What is Interest?

Interest is the fee a business pays a lender (creditor) to borrow money. Interest payments are usually based on the outstanding balance of a loan and paid monthly, though many different arrangements are possible. Interest is usually calculated as a percentage of the loan balance at an agreed-upon interest rate

What is Loan Service?

Loan services typically involve a borrower requesting a specific amount of money from the lender, and upon approval, the lender provides the funds with agreed-upon terms and conditions. These terms and conditions typically include the interest rate, repayment schedule, and any other relevant fees or charges associated with the loan.

What Zephyr Loan Management can do?

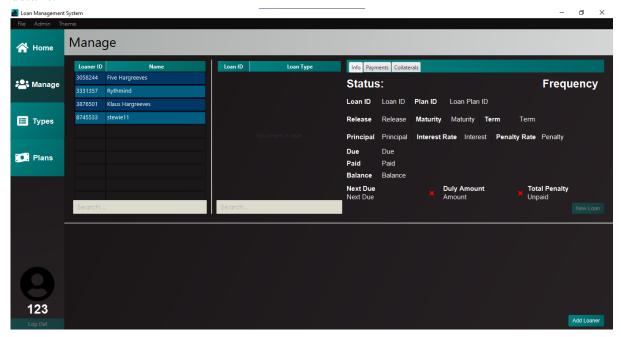
Home

This is where the users can Sign-Up or Log-In.



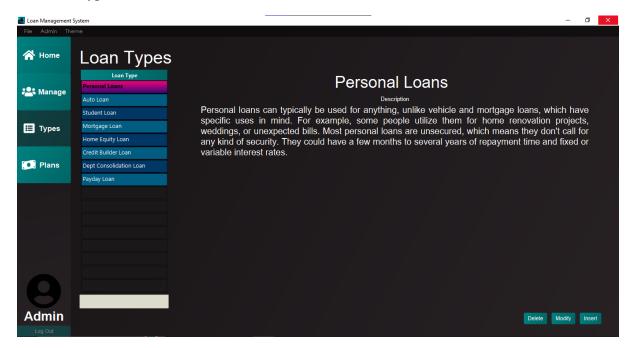
Manage Information

This is where the user can add Loaner, Loan, Payment, and Collateral Details. They can also generate invoices here. The Admin can do more like, editing and removing the details.



Loan Types

A useful section for looking at different Loan Types. The Admin can manage the Loan Types.



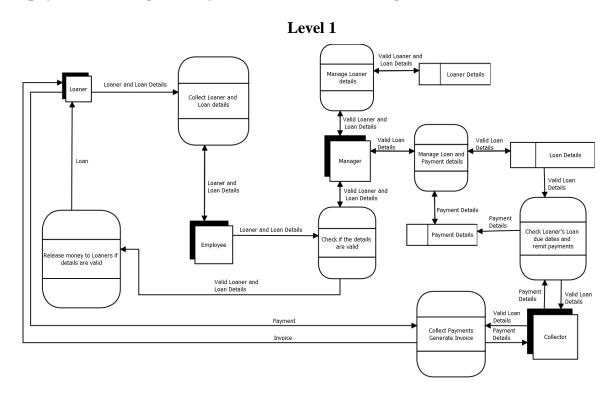
Loan Plans

Managing Loan Plans has never been easier. In this section, you can look for Loan Plans that suits the Loaner's needs. The admin can manage the Loan Plans.

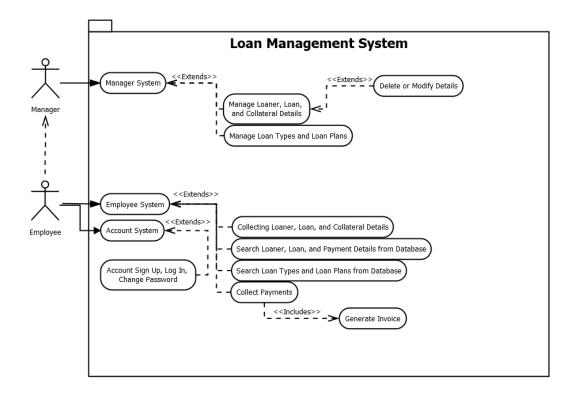


Conceptual Framework

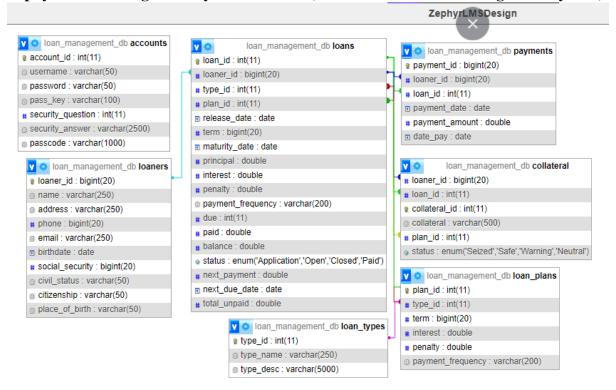
Zephyr Loan Management System DFD (Data Flow Diagram)



Zephyr Loan Management System UCM (Use Case Model)



Zephyr Loan Management System RDBMS (Relational Database Management System)



The **RDBMS** is a type of database management system that stores data in a table structure which connects related data elements. The diagram above shows the structure of the database in the system and it has four table's namely **collateral**, **loans**, **loaners**, and **payments**. The lines between the tables symbolize the relationship between tables.

Table 'loans' and 'loaners' is a parent field which contains extended information of the table this is called **parent field with one-to-many relationship**. Table 'loans' contains all the information while table 'loaners' contains the information of the loaners.

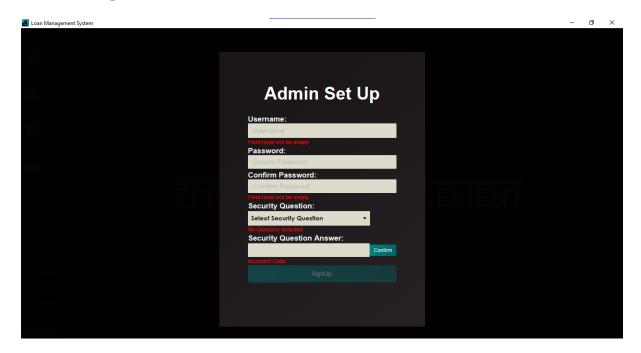
Parent field with one-to-one relationship is a field that contains only one relationship. This type of field is to hold data section that single cascading relationship contains the number of uses of the table.

Software Main Features

- **▲** Data Storing and Management
- ♠ Generating Invoice

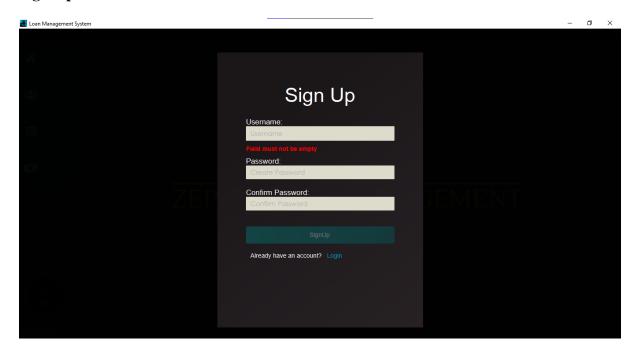
Implementation

Admin Set-Up



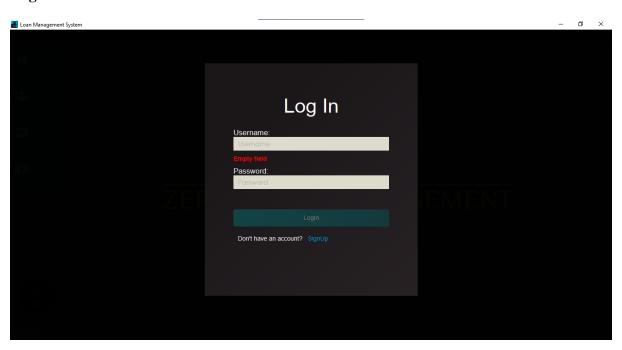
The first time you open the software, it will ask you to set-up an Admin account. In the username field, you can choose any username you want, but we recommend you choose appropriate username. Password field requires you to make a new password for your new account, you also need to re-type your password on confirm password field. Security question functions as recovery verification method in case when you forgot your password. You need to pick one security question you prefer, and give your answer on the field below, then press confirm before hitting sign-up button.

Sign-Up



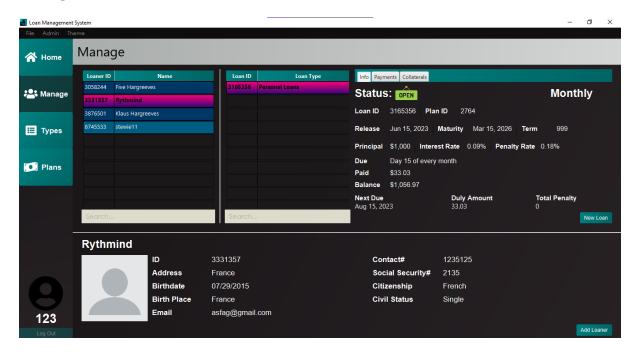
Here, you can sign-up a new non-admin account which your employees can use. If an account is already made, you can press the log-in link below the sign-up button.

Log-In

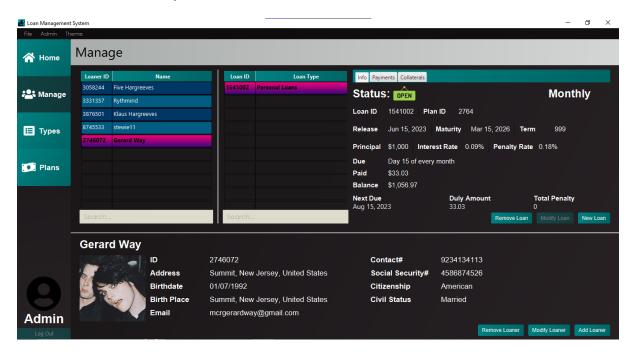


On this form, you can log-in using non-admin or admin account. If no non-admin account has been made yet, you can sign-up by pressing the sign-up link below the log-in button.

Manage Section

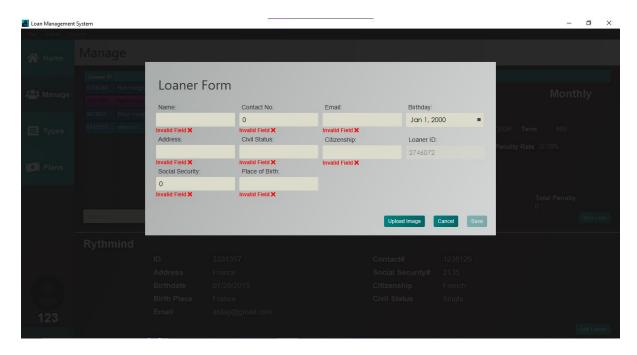


After logging in, you can access Manage section. Here you will be able to see and look for the Loaner, Loan, Payment, and Collateral details.



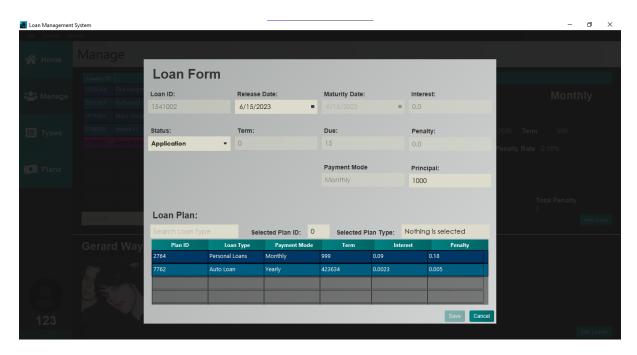
The admin will be able to see more buttons as they have access on modifying, removing, and inserting new details.

Loaner Form



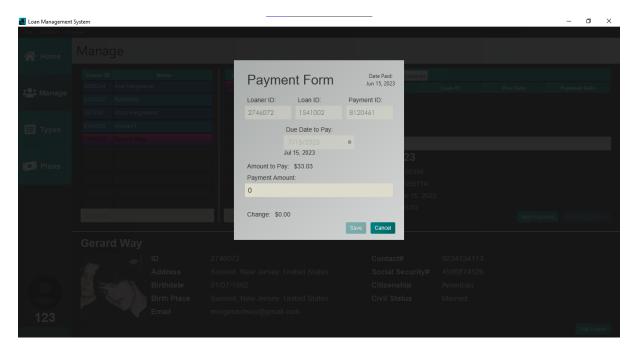
You are required to fill-up the form when you want to add a new Loaner.

Loan Form



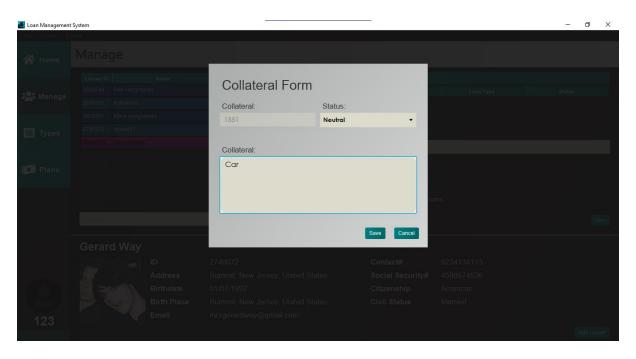
If a new loan is wanted to be made, you will be greeted with this Loan Form modal which you will be needing to fill up with the appropriate details. Here, you can change the date for release, set the status of the loan, and choose the Loan Plan. The other fields will be automatically filled with accurate details by the time you choose a Loan Plan in the Loan Plan table you can see below in the picture.

Payment Form



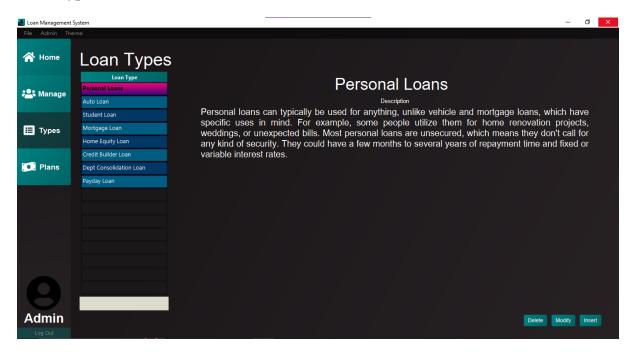
If a loaner pays for their loan, you can add the payment amount they paid inside the Payment Form. It will also automatically fill the necessary details and calculate the change.

Collateral Form



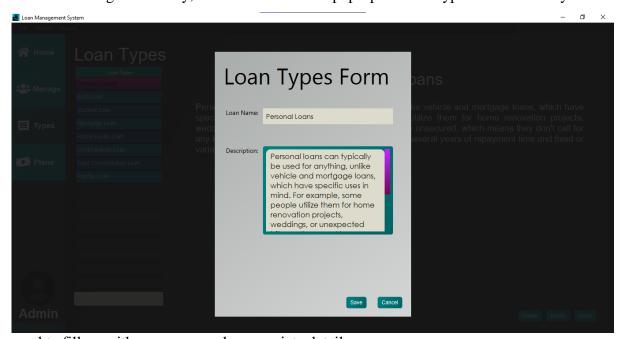
Here, you can add a collateral depending on the Loan Type the Loaner chooses. You can add the collateral details in the text area.

Loan Types



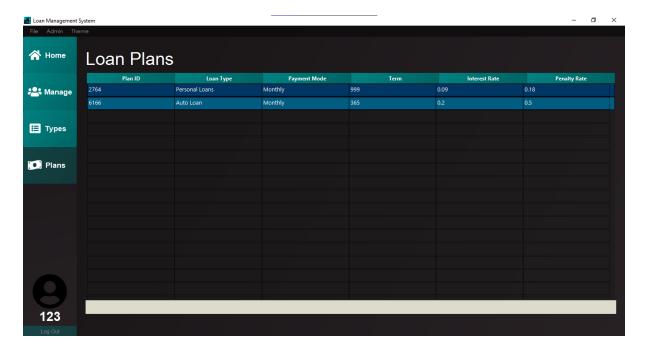
Only the admin can manage the details inside the Loan Types. But the non-admin users will still be able to look at the Loan Types descriptions.

Pressing the modify, or insert button will pop-up a Loan Types Form which you will

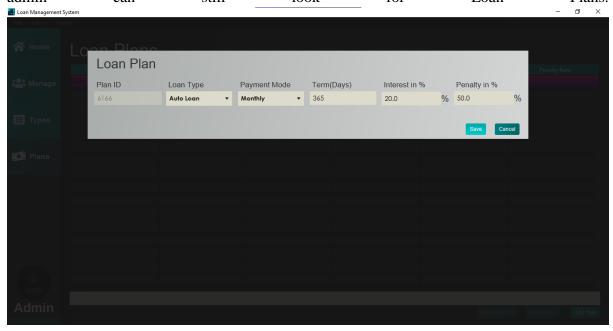


need to fill up with necessary and appropriate details.

Loan Plans

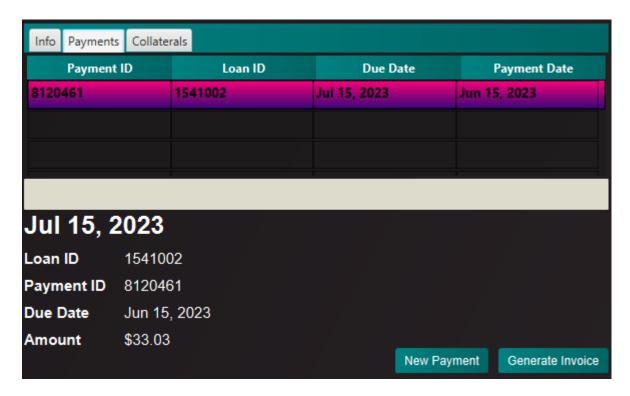


Admin are also the only one who can manage the details in Loan Plans section. Non-admin can still look for Loan Plans.

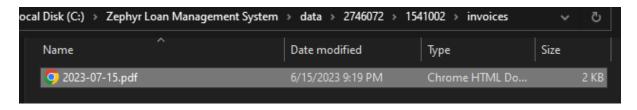


As an admin, pressing the modify or insert button will pop-up a Loan Plan form which you will need to fill up with necessary and appropriate details.

Generate Invoice



Back inside the Manage section, under Payments tab, you can see a Generate Invoice Button.



Pressing the Generate Invoice button will pop-up Windows Explorer with the location of your newly generated invoice on a form of pdf file.

Zephyr Loans

Personal Loan

Report generated by: Zephyr LMS, Thu Jun 15 21:19:01 SGT 2023

Gerard Way: 33.03030303030303

Payment ID	8120461
Loan ID	1541002
Due Date	Aug 15, 2023
Payment Date	Jun 15, 2023
Payment Due	\$33.030303030303
Paid	\$33.030303030303
Total Balance	\$1056.9696969697
Total Paid	\$33.030303030303

Future Plan/Update

In the future updates, we are planning to add auto generated statistics, and auto generate forms on pdf file fore. We will also be planning on adding more security and accounts management. And of course, we will be fixing any bugs that might be discovered in the future. We are also open for suggestions from our clients.

Limitations of the Software

Our software exclusively caters to the initiation of lending enterprises, encompassing both small-scale lending companies and individual lenders. It is imperative that the software remains confined to a single computer device, as it operates through a localized database.