



## **Loan Calculation and Maintenance Module** *Proposed Financial Suite*

**Prepared For:** AssetLine Leasing Company Ltd.

**Prepared By:** Modular4 Solutions (Pvt) Ltd.

### **Description**

*Loan Module is a comprehensive, user-friendly package consisting of the following components:*

*Trail Calc  
Application Maintenance  
Contract Maintenance  
Reminders  
General Ledger*

*This has been designed for ease-of-use, being menu-driven with consistent structures across all of the integrated applications. The database provides shared access to the information while ensuring complete integrity of the data.*

*Loan Module provides many convenient reporting features, tailored to the roles of your decision. Also it is an application that optimizes the processes of exchanging documents between enterprises and managing documents within an organization by capturing and reading electronic copies – and eliminating the need for manual data entry.*

Proposal Number: M4PO14000006

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## **Project Purpose and Business Problem**

Finance software should provide users with an online environment within which they can maintain Customer records, Facility details, Referential documents, with minimum data redundancy & greater security. And improve employee performance and productivity by integrating business processes and data across the organization

Also it should provide the reports, graphs as per the state regulation and market trends.

Finally it should help with MIS reporting for better decision making.

## **Our Solution**

Loan Module offers the chance to capture of data easily and accurately, facilitate processes, and generate data that is easily accessed and intuitive. It saves time and effort not having to duplicate the posting of transactions in both products. Also enables you to master the data needed to make fast, sound decisions while conducting business.

Loan Module supports capture of data easily and accurately, facilitates processes, and generates data that is easily accessed and intuitive. The robustness of the product protects the business from internal and external fraudulent activity. Loan Module simplifies the adherence to regulatory mandates and results in significant savings and provides protection against litigation.

### **Benefits of using our solution**

#### Comprehensive Security Module

A common security module is maintained throughout the existing system, where each facilities security is recorded with proper integrity. Security types are customized and can be created & modified as your requirement.

#### Trial Calculation Feature

Loan Module Trial Calculation is implemented with a best practices and trends In the market.

For example it supports following repayment methods:

Equal installment, Step-Up, Step-Down, Balloon Installment, Variable Interest, Bullet Payment

#### Enhanced Rental frequencies

With the Loan Module you can have more rental frequencies than the usual monthly. For example; Weekly, By Annually, Annually, Quarterly

#### Appraisal Module

With the Loan Module you can upload & store the referential documents, which supports further to analyze the customer exposure.

#### Integrated General Ledger Module

GL module will be integrated to the existing system to supports creating facility wise automated journal entries at certain business functions.

For example: Facility Closure, Activation, Rescheduling, Receipting, etc...

#### Automated CRIB & Central Bank Report Processing

Loan Module will be integrated to the existing CRIB Process to send required data to the Credit Information Bureau of Sri Lanka (CRIB) during the Month-End Processes, with no manual interference. It also supports the reports required by the Central Bank of Sri Lanka.

#### Information Centre

Information Center will be integrated with an existing MIS reports, supporting better decision making, which can be customized as per user requirements

Some of the inbuilt reports are:

*Ledger Card* – Daily Transactions for a given facility

*Contract Inquiry* – History & Online Status for a given Contract

#### **Feature List**

Please Refer Annexure I

**Assumption and Constraints**

1. Due to the time Constrains we propose to Convert Existing Source and the Data Base Structure to cater Loan Module, will integrate to the Present Software Solution

## **Implementation Plan**

### Data transfer Migration

Based on the study of the existing system one of the following methods can be used to transfer data from the manual system to the new proposed solution

1. Data entered by users to the spreadsheets formats provided by us
2. Providing an empty Data Base, where users will have to manually enter old data through

### High Level Project Plan

System Analysis	10Days
Pledged Loan, Revolving Loan	30 Days
Invoice Discounting (Further Discussion Needed)	30Days
Variable Interest (Further Discussion Needed)	30Days

### **Software Agreement**

The Software Agreement to be signed with “Modular4 Solutions (Pvt) Ltd.”

### **Software Warranty**

This software solution carries a warranty period of One (01) Year from the date of User acceptance test (UAT).

### **Software Maintenance**

Maintenance services shall be provided under a maintenance agreement to be signed after the warranty period expires. The standard annual maintenance charges would be eighteen percent (18%) on the product price plus the subsequent cost of modifications.

#### **Software Maintenance**

Upfront 100% maintenance fees for a period of one year at the signing of the maintenance contract.

During such annual maintenance MODULAR4 shall rectify all software related faults, defects and malfunctions free of charge.

**Additional Software Modifications**

All additional software modification charges will be quoted after a detailed system study. The development of the modifications would begin once a written confirmation is given by the client.

**Modification Charges**

50% - on confirmation of the quotation

50% - on implementation of the modifications

**Updates/New Modules**

Customers under maintenance service agreement are entitled to free Application Updates within the same version, database, operating system, and application language (subject to application customizations done at the client's site) of the modules purchased.

Other additional/new modules/new version upgrades would be available at a very special discounted price to your company.

**Purchase Order & the Payments**

Purchase Order and the payments to be issued to "Modular4 Solutions (Pvt) Ltd."

## Financial Estimates

### Pricing Summary

Development Cost of the Loan - Management Software Module (With Source Code)	1,900,000.00
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### Note:

\*\* MODULAR4 will provide the source code to the client at the same cost since we are using the Existing Source and the Data Base Structure

### Proposal Validity

This proposal is valid for a period of one (01) month.

### Payment Terms & Other Charges

Application System Charges:

#### **Option I**

40% - on Acceptance of Proposal

30% - on Parallel Run of Software Module

30% - on Live Run of Software Module

#### **Option II**

40% - on Acceptance of Proposal

60% - Module Basis

Pledge and Revolving Loan Type	20%
Invoice Discounting	20%
Variable Interest	20%

### Training

User training will be done at site during implementation.



## About Modular4

Modular4 has delivered cost effective and high-quality software solutions for a wide range of industries and domains. We work together to deliver the ultimate in customer satisfaction while also helping each business or company achieves their unique needs.

Our competence and experience ensures that we deliver excellent services and products to our customers.

At Modular4 we are proud of our high quality standards. These standards allow us to provide our customers with reliable software applications, regardless of complexity.

## Contact Us

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## Our Clients

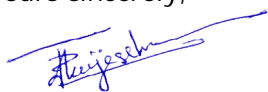
Client	User reference	Solution Provided
People's Merchant Business PLC	Anuranga Indrajith Manager IT	"Pawn – Brokering" Software Solution
Citizen Development Bank	Mr. Imdaad Nagiub Senior Manager IT	"Pawn – Brokering" Software Solution
MBSL Savings Bank	Mr. Dushmantha Weerathunga Manager IT	"Pawn – Brokering" Software Solution
Lake House Printers & Publishers	Mr. Rasika Karandawa	Online Bank Cheque Book Ordering and Cheque Printing (MICR)  Cheque return Notice (CRN) Printing with Lanka Clearance Process data
City Bank	Mr. Sumeda Karunarathne Product Manager	Post Dated Cheque management Software
Ideal Property	Mr. Peter Jayalath Owner	Real Estate management Software
K.G.S Spear Parts	Mr. Sajeewa Ekanayaka Product Manager	Inventory Solution
Global Trust	Mr. Susantha Fernando	"Pawn – Brokering" Software Solution
Lucky Homes Pvt Ltd	Mr. M H Wasantha	Real Estate management Software

### Confidentiality

All material, prices and other information provided in this proposal and other supporting documents, annexure, CD-ROMs, diskettes etc. should not be disclosed to any 3<sup>rd</sup> party without written consent.

We hope this pricing proposal would meet your requirements. Should you need any further clarifications, please feel free to contact us.

Thank You,  
Yours sincerely,



D. Janeendranath Wijesekera  
Director Business Development  
Modular4 Solutions

## **System Feature List – Loan Management System**

- **Front Office**
  - **Trial Calculation**
    - Pledge Loan
    - Revolving Loan
    - Invoice Discounting
    - Variable Interest
- **Application Maintenance**
  - Open an Application
  - Security Details
  - Amendment Report
  - Appraisal
  - Submit for Approvals
  - Application Status Inquiry
  - Cancel Application
  - **Approvals**
    - First Level Approval
    - Second Level Approvals
- **Contract Maintenance**
  - Initiate Contract
  - Activation
- **Legal Documents**
  - Offer Letter
  - Acceptance Receipts
  - Agreement
  - Deletion Letter
  - Letter of Demand
  - Reminder Print
- **Information Consol**
  - Contract Information
  - Rental Schedule
  - Security Details
- **Contract Closure**
  - Normal Closure
  - Early Settlement
  - Reschedulement
  - Contract Termination

- **Reports**
  - **Arrases Reports**
  - **Income Reports**
- **System Day End**
  - Overpayment Process
  - ODI Calculation
  - Rentals Maturity Process
  - Post-Dated Cheque Process
  - Arrears Process
  - Laps Contracts
  - Reminder Process