



LOAN MANAGEMENT SYSTEM

The Loan Management System (LMS) is a robust and innovative architectural platform that is comprised of a Front-Office Loan Origination System (that supports consumer and retail financing facilities, as well as SME and Corporate lending) and of a Back-Office Loans Administration system.

Islamic Financing Contract are also supported with full STP processes including the trading cycle, contract management, delivery and selling agency features, etc. All the Islamic transaction support both, Hijri and Gregorian calendars.

The platform is enriched to support Microfinance business by a dedicated module that come with convenient and unique features, with easy procedures and simple terms and conditions.

Thanks to its architecture, the company's solution provides Banks with the capability of investing in delivering financing services to the key niche at the intersection between Retail clients and Business customers.

STP Process

The automated screening in the Credit Application

phase (prequalification), the Internal Rating and Scoring modules, the Credit Limit automatic assessment function and the "one-click" proposal, approval and disbursement functions, fulfill the financing lifecycle with sophisticated STP automation of the business processes flow, both in terms of time effectiveness and compliance with internal and external rules and regulations.

PROCESS FLOW DESIGNING

The graphical E-Designer tool enables banks to speed-up the time-to-market of innovative financial services by designing the processes in terms of:

- Activities (simple or alternative sequences, cycles, parallelisms, etc..)
- Participants and functions assignments
- Execution time
- Integration with application data
- Use of documents templates in each phase
- Document tracking
- Keep In View (KIV) Lists, by meaning that each users is having his own agenda segregated by assigned tasks, financing product, phase of the process, etc.
- Automatic-routing of the Credit Applications files
- Escalation & Alert management.

PRODUCT MASTER DATA

The Terms & Conditions tool is responsible to maintain a central repository (Data Dictionary) of products financial terms and condition (both current and retired) that will constitute the Bank Products Catalog (that includes standard fees, rates, other terms & conditions and other technical and commercial information for each Product). The main financing supported products are:

- Mortgage Loan
- Personal Financing
- Vehicle Financing
- Credit Card (Credit application processing)
- Microfinance
- SME products.

The main Islamic financing supported products are:

- BBA- Bai Bithaman Ajil
- Murabaha
- Istisnaa
- Ijara
- Deferred sale
- Al Tawarruq
- P&L Sharing contracts.

By trading on the following assets: Properties/Real Estate, Commodities, Land, Vehicles, Shares.

THE LOAN ORIGINATION (LOR) MODULE

The LOR Module provides an “easy-to-use” Credit Application Process-flow that fully support:

- Credit Application Data Entry
- Document Check List
- Pre-qualification
- Scoring/Rating Module
- Credit application workflow
- Credit Analysis
- Assessment of credit limit
- Credit approval
- Trading Management (for Islamic Products)
- Legal Document support (Loan/Sale agreement, letter of offer, loan contract, etc).

Based on the algorithm set in the system and according to the credit risk model of the bank, other standard indicators are computed such as PD (Probability of Default), EAD (Exposure at Default), LGD (Loss Given Default), to support the bank in setting the most appropriate credit policy and capital allocation.

The system provides the controls of the eligibility of the Customer request through a so called “pre-qualification” stage based on Policy rules related to the concerned product and set by the bank by using configuration tables.

Also the Application Scoring is provided which lies on levels of configuration table:

- Scoring type list
- Scoring type configuration, that is the computation mode. It can be based on a algebraic sum of the weight values, on some average value, Logic Score, etc.
- Scoring condition list
- Configuration of the conditions per product
- Configuration of the scoring/Rating Computation method and algorithms.

CONTRACT EXECUTION AND DISBURSEMENT MODULE

The following financing processing phases are currently supported and automated:

- Asset Trading - Trading Item (such as Commodity, vehicle, property, etc) selection, identification and reservation for the Concerned application.
- Selling Contract preparation and execution.
- Property transfer from the bank to the customer
- Asset delivery where the traded asset is to be delivered to the customer
- Selling Agency whereas the bank is acting on behalf of the customer in order to monetize the traded asset and provide cash to the client.

THE LOAN ADMINISTRATION – (LOM) MODULE

The Back Office Loan Administration system provides comprehensive financing & accounting management according to the following main features:

- Repayment management
- Rescheduling & Restructuring facilities
- Interaction with Central Credit Bureau and Central Bank (monthly extraction)
- Downloading for the MIS system.

As a separate module, the Collection & Remedial System is fully integrated with the LMS platform, in order to support the Past-due follow-up activity up to the worst case of the Write-off of non performing contracts.

