

Loan Origination System(LOS) Automation Checklist For Digital Lending



Lead & Application Management

01

- ☐ Multi-channel lead capture (web, mobile, branch, partners)
- ☐ Dynamic loan application forms with conditional fields
- ☐ Pre-population of customer data from CRM / KYC repositories
- ☐ Duplicate application detection and merge
- ☐ Automated lead scoring & qualification



Customer Verification & KYC

02

- ☐ eKYC integration (PAN, SSN, Passport, etc.)
- ☐ Document scanning & OCR extraction
- ☐ Biometric / Video KYC support
- ☐ Sanction list & AML screening (OFAC, RBI, etc.)
- ☐ Auto-verification against government and credit databases



Credit Assessment & Bureau Integration

03

- ☐ Automated credit report retrieval from bureaus (CIBIL, Equifax, Experian, CRIF)
- ☐ Credit scoring & risk profiling based on configurable rules
- ☐ Bank statement analysis & income verification automation
- ☐ Liability assessment (existing loans, credit cards, overdrafts)
- ☐ Fraud detection & alternate data analytics



Underwriting & Decisioning

04

- ☐ Rule-based or AI/ML-driven underwriting engine
- ☐ Configurable credit policy rules & scorecards
- ☐ Approval workflow with hierarchy & exceptions handling
- ☐ Auto-decision for low-risk cases
- ☐ Audit trail for all decisioning steps



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Document Management

05

- ☐ Automated document checklist per loan type
- ☐ Digital document collection and secure storage
- ☐ eSign, eStamping, and digital agreements integration
- ☐ Auto-generation of credit memos, loan agreements, disbursement letters
- ☐ Version control & audit trail



Compliance & Regulatory Automation

06

- ☐ AML/KYC compliance enforcement
- ☐ Lending limit checks & exposure monitoring
- ☐ Regulatory reporting (RBI, local authorities, statutory reports)
- ☐ GDPR/DPDP or local data protection compliance
- ☐ Fair lending and responsible lending checks



Approval & Workflow Automation

07

- ☐ Multi-level approval workflows with SLA tracking
- ☐ Exception handling & automated escalation
- ☐ Notifications to customers and internal teams (Email/SMS/WhatsApp)
- ☐ Role-based access & permissions
- ☐ Real-time status tracking for applications



Disbursement & Post-Origination

08

- ☐ Automated disbursement memo generation
- ☐ Bank account verification & API integration for fund transfer
- ☐ EMI / repayment schedule generation
- ☐ Integration with collections & loan servicing system
- ☐ Post-disbursement customer on-boarding automation



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System Integration

09

- ☐ Core banking system / ERP integration
- ☐ CRM, credit bureau, eSign, payment gateway integration
- ☐ API-first approach for third-party services
- ☐ Dashboard & MIS for loan pipeline, approvals, disbursement, and risk
- ☐ Real-time exception handling & alerts



Analytics & Continuous Improvement

10

- ☐ Loan portfolio analytics & risk monitoring
- ☐ SLA & process efficiency tracking
- ☐ Automated reporting & dashboards
- ☐ Feedback loop for policy & process improvement
- ☐ AI/ML-driven insights for faster, smarter decisions



Ready To Automate Your Loan Origination?

TechMatrix Consulting helps lending businesses implement advanced Loan Origination Systems (LOS) that streamline the entire loan lifecycle, reduce manual errors, and ensure regulatory compliance.



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